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DATE: 21/08/2015

पेटंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

21st AUG., 2015

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	Phone: (91)(22) 24137701		Kolkata- 700 091
	Fax: (91)(22) 24130387		DI (01)(02) 02(7.1040/44/45/46/07
	E-mail: mumbai-patent@nic.in		Phone: (91)(33) 2367 1943/44/45/46/87
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	Fax: (91)(11) 2808 1921 = 23 Fax: (91)(11) 2808 1920 & 2808 1940		
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	Chandigani.		

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

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

पेटेंट कार्यालय

कोलकाता, दिनांक 21/08/2015

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			ई. मेल: chennai-patent@nic.in
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	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037,		सीपी-2, सेक्टर- V, साल्ट लेक सिटी,
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	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
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	दमन तथा दीव, दादर और नगर हवेली।		
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	फोन: (91)(11) 2808 1921-25		
	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
	ई. मेल: delhi-patent@nic.in		
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पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

NOTICE (CHENNAI)

3647/CHENP/2007:

In pursuance of Section 18(2) of the Patents Act, direction has been issued to insert the reference to the other specification of application number 274/CHENP/2006.

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.2442/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: SPLIT SPRINT TIMER

		(71)Name of Applicant :
(51) International classification	:A63B71/00	1)PROF.HUSSAIN,IKRAM
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF PHYSICAL
(32) Priority Date	:NA	EDUCATION ALIGARH MUSLIM UNIVERSITY, ALIGARH-
(33) Name of priority country	:NA	202002, U.P., INDIA. Uttar Pradesh India
(86) International Application No	:NA	2)PROF.KHAN,EKRAM
Filing Date	:NA	3)MR.AGRAWAL,ANAND
(87) International Publication No	: NA	4)MR.AHMAD,FUZAIL
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF.HUSSAIN,IKRAM
(62) Divisional to Application Number	:NA	2)PROF.KHAN,EKRAM
Filing Date	:NA	3)MR.AGRAWAL,ANAND
		4)MR.AHMAD,FUZAIL

(57) Abstract:

The present invention is a viable alternative and cost effective solution to analyse the training of athlete or any racing vehicle at different checkpoints over the track and is also a solution to bulky devices used for training athletes and may replace the burden of trainee to carry the bulky and costly device in future.

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

(22) Date of filing of Application :23/06/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : STEEL SLUDGE BASED BRICK MIXED WITH BRAHMAPUTRA SAND, FLYASH, LIME MUD AND BINDER

(51) International classification	:B22D41/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.RAJU SARKAR
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CIVIL
(33) Name of priority country	:NA	ENGINEERING DELHI TECHNOLOGICAL UNIVERSITY,
(86) International Application No	:NA	BAWANA ROAD, DELHI-110042 Delhi India
Filing Date	:NA	2)PROF.A.K. GUPTA
(87) International Publication No	: NA	3)DR.R.M. DUBEY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.RAJU SARKAR
(62) Divisional to Application Number	:NA	2)PROF. A.K. GUPTA
Filing Date	:NA	3)DR. R.M. DUBEY

(57) Abstract:

The main intention of the present invention is the manufacture of brick from waste material of steel industry, fly ash, Brahmaputra river sand, and cement as binder. Lime mud, a waste material produced from paper industry is also used to replace the partial quantity of cement to make it more economical. This invention will help to reduce the disposal problem, environmental effects of this waste and manufacture a new building material. As mentioned, the materials used for brick making in this study are steel sludge, the waste of steel industry, flyash, Brahmaputra sand, lime mud, the waste of paper industry and cement. The characterization of materials was done on the basis of its chemical and geotechnical properties. Then the experiments were conducted on hand moulded bricks of above mix in various proportions to determine the optimum mix. The moulded bricks were allowed to dry for two days and protected from direct sun light. Since cement was used in all the bricks, curing was done using moist jute bags for 28 days. All bricks were tested after 28 days for compressive strength and water absorption as per the provisions of IS: 3495 (Part 1 & 2)-1992, respectively.

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

(22) Date of filing of Application :29/07/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : WAND: CONCURRENT BOXING SYSTEM FOR ALL POINTERS WITH OR WITHOUT GARBAGE COLLECTION

(4)	G00 G5 100	71.33
(51) International classification	:G02C7/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VARMA, PRADEEP
(32) Priority Date	:NA	Address of Applicant :634 SECTOR 21, GURGAON
(33) Name of priority country	:NA	HARYANA 122016,(INDIA) Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VARMA, PRADEEP
(87) 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:

Boxed pointers are disclosed, for all pointers, for safe and sequential or parallel use. Since a pointer box can be arbitrarily large, it supports any fat pointer encoding possible. The boxed pointers are managed out of the same heap or stack space that ordinary objects are comprised of, providing scalability by a shared use of the entire program memory. The boxed pointers and objects are managed together by the same parallel, safe, memory management system including an optional precise, parallel garbage collector. To manage boxes independently of the garbage collector, explicit allocation and de-allocation means are provided including explicit killing of boxes using immediate or deferred frees. The entire system is constructed out of atomic registers as the sole shared memory primitive, avoiding all synchronization primitives and related expenses. Atomic pointer operations including pointer creation or deletion (malloc or free) are provided. Figure 1

No. of Pages: 89 No. of Claims: 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2457/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: DIGITAL CMYK PRINT ON SPORTS GOODS & ACCESSORIES

(51) International classification	:H04N1/405	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMIT MAHAJAN
(32) Priority Date	:NA	Address of Applicant :C/O HANS RAJ MAHAJAN & SONS
(33) Name of priority country	:NA	G.T. ROAD, SURANUSSI JALANDHAR-144027 (PUNJAB)
(86) International Application No	:NA	Punjab India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AMIT MAHAJAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Printing done by special purpose latex 360degrees computerized machine on CYMK digital basis on surfaces like TPU, PU, PVC and fabric etc used for sports goods & accessories mainly sports ball like football, rugby ball, American football, basketball, volleyball, mini ball etc cricket gear, boxing equipment etc

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

(22) Date of filing of Application :10/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: A DEVICE FOR PERSONAL SAFETY AND SECURITY AND METHODS TO USE THEREOF

		(71)Name of Applicant :
		1)AVINASH BANSAL
(51) International classification	:H04W4/22	Address of Applicant :FLAT NO.112 BHAGIRATHI
(31) Priority Document No	:NA	APARTMENT, SECTOR-9 ROHINI, NEW DELHI-110085
(32) Priority Date	:NA	Delhi India
(33) Name of priority country	:NA	2)AYUSH BANKA
(86) International Application No	:NA	3)CHIRAAG KAPIL
Filing Date	:NA	4)MANIK MEHTA
(87) International Publication No	: NA	5)PARAS BATRA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AVINASH BANSAL
(62) Divisional to Application Number	:NA	2)AYUSH BANKA
Filing Date	:NA	3)CHIRAAG KAPIL
		4)MANIK MEHTA
		5)PARAS BATRA

(57) Abstract:

The present invention relates to a device for personal safety and security including a detachable/removable circuitry housing, a vibration generation means for producing a vibration, the vibration generation means housed within the housing, at least one switch for allowing a user of the wearable accessory to cause activation of the vibration generation means, the switch housed within the housing, a module for communicating with at least one handheld device using a communication medium, an image capturing device including a microphone for receiving audio and video signals at the wearable accessory, a multiple-bit microprocessor is configured and coupled for controlling functions of the wearable accessory, the microprocessor housed within the housing and a storage means for storing data representative of the signals, the storage means coupled with the microprocessor. Fig. 1

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

(22) Date of filing of Application :07/08/2015

(43) Publication Date : 21/08/2015

(54) Title of the invention : A METHOD FOR ROBUST HEADER COMPRESSION (ROHC) OVER MULTIPROTOCOL LABEL SWITCHING (MPLS)

(51) International classification	:H04L12/56	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MOHAMMAD AHSAN CHISHTI
(32) Priority Date	:NA	Address of Applicant : COMPUTER SCIENCE DEPTT, NIT
(33) Name of priority country	:NA	SRINAGAR, HAZRATBAL, SRINAGAR, JAMMU &
(86) International Application No	:NA	KASHMIR, 190006 Jammu & Kashmir India
Filing Date	:NA	2)SHAIMA QURESHI
(87) International Publication No	: NA	3)AJAZ HUSSAIN MIR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MOHAMMAD AHSAN CHISHTI
(62) Divisional to Application Number	:NA	2)SHAIMA QURESHI
Filing Date	:NA	3)AJAZ HUSSAIN MIR

(57) Abstract:

Due to the rapid evolution of Internet as well as services over the Internet, including high bandwidth consuming applications like audio and video streaming, it has become need of the day to enhance the Internet infrastructure for bandwidth efficiency. One of the present day biggest challenges of networks is the audio/video transmission in real time. Developed by the Internet Engineering Task Force, Multiprotocol label Switching (MPLS) allows networks to offer several services on the single network architecture with improved forwarding speed of routers by solving the problem of longest prefix match in IP networks. Internet Protocol datagram encapsulates payload received from above layer and adds to its own header information. Thus each protocol layer adds its own header with the information related to the layer. This is a disadvantage of a bigger packet header size such as IPv4/UDP/RTP header of 40 bytes compared to the payload size which leads to excessive overhead in case of real-time multimedia applications. Bandwidth can be conserved by reducing the amount of redundant IP header transmitted with every packet for the same packet stream through header compression techniques. The header compression mechanisms have several short comings such as a problem that they work on hopby-hop basis. The packet is compressed by the compressor and decompressed by the decompressor and for header compression to work; these are connected directly not through any intermediate node, not even a layer 3 device such as a router. Another issue is that header compression techniques do not have packet reordering. In fact, compression protocol is not designed to handle packet reordering between compressor and decompressor and the channel between compressor and decompressor is required to maintain packet ordering. In addition to this, there is a limit in the number of compressed flows that a router can take. Thus, there is a need to have a method by which these shortcomings of header compression techniques can be prevented. The objective of this method is header compression technology which can be implemented over MPLS and used as a bandwidth conserving technology. This will solve the problems of hop-by-hop compression/decompression as the compression of packets is not hop-by-hop rather the compression is per Label Switched Path (LSP) of MPLS network from ingress to egress Label Switched Routers. This will also handle packet reordering in addition to allowing numerous flows at the same time. An algorithm for the same is given and this approach increases the bandwidth efficiency as well as processing scalability of the maximum number of simultaneous flows through T.SP,

No. of Pages: 15 No. of Claims: 3

(22) Date of filing of Application :24/07/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: HIGH RESOLUTION 10-DOF TREMOR INVESTIGATION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61B5/0488 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ROHIT RANA Address of Applicant: C-55 NAWADA HOUSING COMPLEX. DWARKA MORE,UTTAM NAGAR,NEW DELHI- 110059 Delhi India (72)Name of Inventor:
 (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	1)ROHIT RANA 2)DR.VIJYANT AGARWAL

(57) Abstract:

A high resolution 10-DOF hand tremor study device is designed to study the high resolution accurate data gathered from the sensors (5, 6, 7, 8). An electronic circuit is designed with combinational logic of digital filters (9), PC communication and sensors (2 and 10): Its is designed with the purpose to analyze various characteristics in ten degree of freedom (10-DOF) of hand tremor data. The device will gather the data and communicate with PC software to enable us to do research on that data. The device is to be hold in hand then push the ON button and do any type of hand motion. After it again press the ON button to stop: and send data to PC through (15) USB port. The device can be powered through rechargeable batteries or through (1.4) port. The sensors include an accelerometer (8), Gyroscope (7), Magnetometer (6) and piezoelectric sensor (5).

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

(22) Date of filing of Application :31/07/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : IMAGE PROCESSING BASED AUTOMATIC SKEW DETECTION AND CORRECTION FOR DOCUMENT

(51) International classification(31) Priority Document No	G06T7/60 :NA	(71)Name of Applicant: 1)VINAY KUMAR Address of Applicant: D-703, PALAM APARTMENTS,
(32) Priority Date (33) Name of priority country	:NA :NA	SECTOR-5, PLOT NO. 7, DWARKA, N.DELHI-75 Delhi India (72)Name of Inventor:
(86) International Application No	:NA	1)VINAY KUMAR
Filing Date	:NA	2)MUKUL KHAJURIA
(87) International Publication No	: NA	3)SUMANTU MITTAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The said technique is able to de-skew the text documents with or without images(comprising of M level of shades; where m=2n, n representing number of bits per pixel) irrespective of location of the image in a text document. The technique does not require any priori information about the angel of skew in the document.

No. of Pages: 9 No. of Claims: 3

(22) Date of filing of Application :08/07/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: REAL TIME RENTAL SYSTEM FOR TRAVEL / TRANSPORT VEHICLE

(51) International classification	:G07B15/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Binu Raj Pillai S/o Shri Vazhayil Velayudhan shivan pillai
(32) Priority Date	:NA	Address of Applicant :F(B) plot no 10, Abinav residency,
(33) Name of priority country	:NA	vivekanandpuram, sainikpuri Secundrabad, Teleganga Telangana
(86) International Application No	:NA	India
Filing Date	:NA	2)Manoj Kumar S/o Shri Inder chand jangid
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Manoj Kumar S/o Shri Inder chand jangid
Filing Date	:NA	2)Binu Raj Pillai S/o Shri Vazhayil Velayudhan shivan pillai
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Vehicle Rental by the help of Real time Rental system with the use of number plate of the vehicle and work on hardware such as mobile, computer, and tablet or on other such similar electronic devices. registered Vehicle with vendor reduces cost of advertisement, consumes less time, reduces the consumption of oil and Rentee has the freedom to choose from multiple vendors, comparing their fares and also vehicle specifications in real time, as chosen by Rentee at time of booking.

No. of Pages: 20 No. of Claims: 3

(22) Date of filing of Application :22/05/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : INVESTIGATIONS RELATED TO MOBIEL NODE DETECTION - A COMPLEX VARIABLE AND MARKOV MODEL PERSPECTIVE

(71) I	G06E10/04	(71) N
(51) International classification	:G06F19/24	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMRIT GHOSH
(32) Priority Date	:NA	Address of Applicant :SIR PADAMPAT SINGHANIA
(33) Name of priority country	:NA	UNIVERSITY, UDAIPUR-313601, RAJASTHAN, INDIA
(86) International Application No	:NA	Rajasthan India
Filing Date	:NA	2)PRASUN CHAKRABARTI
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)AMRIT GHOSH
Filing Date	:NA	2)PRASUN CHAKRABARTI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention, deals with mobile, node tracking using Jordan Arc of complex integration. In case of existence of stationary node, it will be utilized for trend analysis of the motion of target node with respect to the stationary node treating it as a sensor node. The contour mapping will be applicable in case the target nodes position is identical to that of the stationary node. Markov model based nodal transition deals with probabilistic weight assignment in out degree path(s). The invention deals with such weight determination in complex domain such that the parameters include modulus of non-zero real part and that of non-zero imaginary co-efficient of transition node(s). The invention also deals with node selection on the basis of complex orientations on a node with respect to a fixed stationary node.

No. of Pages: 7 No. of Claims: 5

(22) Date of filing of Application :05/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: Intelligent Energy Monitoring System

(51) International classification	:G05D5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Malaviya National Institute of Technology
(32) Priority Date	:NA	Address of Applicant :Malaviya National Institute of
(33) Name of priority country	:NA	Technology Jawaharlal Nehru Marg, Malviya Nagar, Jaipur,
(86) International Application No	:PCT//	Rajasthan 302017 India Rajasthan India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Raghav Totla
(61) Patent of Addition to Application Number	:NA	2)Dr. Nikhil Gupta
Filing Date	:NA	3)Dr. Anil Swarnkar
(62) Divisional to Application Number	:NA	4)Prof. K. R. Niazi
Filing Date	:NA	

(57) Abstract:

Present invention relates to an energy monitoring system for notifying user a variation in patterned energy system. More specifically the energy monitoring system of present invention notifies the user whether the energy consumption is increased compared to normal routine consumption of power. Intelligent Energy Monitoring system(also referred to as Intelligent Energy Monitor, IEM) acts according to the specific energy consumption pattern of the customer by employing its unique data processing algorithm (UDPA) which makes it auto calibrated for all variety of customers, seasons and time durations. This Intelligent Energy Monitoring system of present invention is composed of two units, namely indoor unit and the outdoor unit. These two units are mutually coupled through RF link at a frequency or may be via a bluetooth.

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

(22) Date of filing of Application :06/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: INTELLIGENT ENERGY MANAGEMENT SYSTEM

(51) International classification	:G06F1/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Malaviya National Institute of Technology
(32) Priority Date	:NA	Address of Applicant :Malaviya National Institute of
(33) Name of priority country	:NA	Technology Jawaharlal Nehru Marg, Malviya Nagar, Jaipur,
(86) International Application No	:NA	Rajasthan 302017 India Rajasthan India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Rajesh Kumar
(61) Patent of Addition to Application Number	:NA	2)Bhanu Pratap Singh
Filing Date	:NA	3)Sanjay Kumar Thakur
(62) Divisional to Application Number	:NA	4)Anirudha Kumar
Filing Date	:NA	5)Sharad Garg

(57) Abstract:

An intelligent energy management system enabled smart meter is provided. Demand side management, variable tariff blocks and its optimization on cloud are provided to minimize the power consumption bill, peak load time is clipped and the consumer satisfaction is maximized. It records and analyzes the electrical parameters and provides an option for optimized scheduling for electrical appliances. The system provides a real-time access to the load parameters and there is a centralized data monitoring system which generates a report and provides alert to the user to reduce the load consumption on exceeding the proposed usage limit as determined by the predicted load. A smart control feature is integrated which enables control of all the appliances using a handheld device. The system also logs the power consumption so that the discrepancy in billing can be cut down. Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3053/MUM/2015 A

(19) INDIA

(22) Date of filing of Application:12/08/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention: FLEXURE SPRING

 (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 	:F16F 15/00, F16F 9/00 :NA :NA :NA :NA :NA :NA :NA	2)Fayaz Kharadi 3)Amit Jomde 4)Virendra Bhojwani 5)Madhura Kulkarni 6)Suneeta Phadkule 7)Suhas Deshmukh (72)Name of Inventor: 1)Mayur Jadhav 2)Fayaz Kharadi 3)Amit Jomde 4)Virendra Bhojwani 5)Madhura Kulkarni
		6)Suneeta Phadkule 7)Suhas Deshmukh

(57) Abstract:

ABSTRACT FLEXURE SPRING A flexure spring having an outer rim and a diaphragm with an integral central core having a shaft opening configured thereon. The flexure spring comprises at least one spiral arm extending circularly in a radially outward direction from the central core, wherein the thickness of the spiral arm is maximum at the initial part of the spiral arm extending from the central core and the thickness gradually reduces along the length of the spiral arm. The flexure spring further comprises at least one stress relief zone defined at both ends of the spiral arms.

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

(22) Date of filing of Application :29/07/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention : THE MECHANISM FOR CONVERTING A ROTARY MOTION INTO HAMMERING MOTION OR PERIODIC MOTION.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	15/00, B25F5/00 :NA	(71)Name of Applicant: 1)PATEL SMIT PANKAJKUMAR Address of Applicant: B/103, GHANSHYAM PARK, NEAR NARANPURA A.E.C. ZONAL OFFICE, NARANPURA, AHMEDABAD-380013, GUJARAT, INDIA. Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATEL SMIT PANKAJKUMAR
(87) 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 invention is a mechanism having rotary motion as input and what you get as output is a motion by engagement and disengagement of element for quick action which can be used for many purposes for eg: hammering in forging, punching holes, lifting, pressing switches etc. It is ideal for mass production.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3098/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :15/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONTROLLED USAGE OF CONTACTLESS INTERFACE OF MOBILE IN BATTERY OFF MODE

(51) International classification		(71)Name of Applicant:
	G06K7/10	1)Rushikesh SHINGNAPURKAR
(31) Priority Document No	:NA	Address of Applicant :Mrudgandha, Rambag Colony, Paud
(32) Priority Date	:NA	Road, Kothrud, Pune Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Rushikesh SHINGNAPURKAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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⁽⁵⁷⁾ Abstract:

A controlled usage of contactless interface of mobile equipment, for contactless transaction in battery off mode for improved security.

No. of Pages: 5 No. of Claims: 7

(22) Date of filing of Application :03/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: MAGNET IN THE PEN CLIP FOR IMPROVED GRIP IN POCKET

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)MR. PRANAV BABASAHEB POWAR
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :SECTOR NO21, PLOT NO60, TRIMURTI APTS, FLAT NO3, YAMUNANAGAR, NIGDI,
(86) International Application No	:NA	PUNE-411044, MAHARASHTRA, INDIA Maharashtra India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)MR. PRANAV BABASAHEB POWAR
(61) Patent of Addition to Application Number	:NA	I)WK. I KANA V DADAGAHED I OWAK
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A modification of a pen cap in which there is a use of permanent magnet and a ferromagnetic material such as iron, nickel or cobalt so that there is a firm clipping of clip of cap so that there is no misplacing of pen; the said magnet is fitted at the lower tip of the clip; the said tip is covered or uncovered; the said pen clip tip is made up of permanent magnet and the interfacing part of the barrel of cap with clip is made up a ferromagnetic material and vice versa; when the pen is clipped to a pocket of shirt and even though there is a movement of the external body the pen doesnt fall due to magnetic effect between clip and the surface of barrel of cap designed; the cost of the pen is not much affected as the cost of a small required magnet is Very small.

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

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND DEVICE FOR PERFORMING CHANNEL ACCESS IN WLAN SYSTEM

:H04W74/04,H04W72/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)LG ELECTRONICS INC. :61/805,898 (32) Priority Date :27/03/2013 Address of Applicant :20 Yeouido dong Yeongdeungpo gu (33) Name of priority country Seoul 150 721 Republic of Korea :U.S.A. (72) Name of Inventor: (86) International Application No :PCT/KR2013/007035 1)CHOI, JINSOO Filing Date :05/08/2013 (87) International Publication No :WO 2014/157782 2)CHO,HANGYU (61) Patent of Addition to Application 3)KIM, JEONGKI :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An embodiment of the present invention provides a method for performing channel access at an STA of a multiuser (MU) group in a wireless communication system, including receiving a resource assignment frame; and checking a group indicator field included in the resource assignment frame, wherein, if the group indicator field indicates that a slot assignment field for the MU group is present in the resource assignment frame, the STA determines a slot start offset based on the slot assignment field.

No. of Pages: 57 No. of Claims: 14

(22) Date of filing of Application :07/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: LOOP THERMOSYPHON HEAT PIPE COLLECTOR WITH THERMAL STORAGE

(51) International classification	:F28D15/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR ASHOK TUKARAM PISE
(32) Priority Date	:NA	Address of Applicant :GOVERNMENT COLLEGE OF
(33) Name of priority country	:NA	ENGINEERING, KARAD, (M.S.), 415124, INDIA Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)MISS GARGEE ASHOK PISE
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MISS GARGEE ASHOK PISE
Filing Date	:NA	2)DR ASHOK TUKARAM PISE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Availability of solar energy is of fluctuating nature. Flat plate collectors used for harnessing this energy have many limitations. Its efficiency is also low, bulky size and no output is obtained during off sunshine hours these are the main reasons why the flat plate collectors are not so popular. To enhance the performance of collector heat pipe can be used in simple flat plate collectors to get the advantage of latent heat transport and also to get uninterrupted output with extended period after the sunshine hours, Thermal Energy Storage unit can be used. So in order to overcome the above limitations the Experimental set up is designed and developed with thermosyphon loop heat pipe with integrated Thermal Energy Storage unit which is placed on the back side of the absorber plate to the conventional flat plate collector.TES unit collector gives extended output of 4 to 5 hrs after the sunshine hours. The collector can meet the daily domestic and industrial requirement of water heating.

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

(22) Date of filing of Application :07/08/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention: A METHOD OF TREATING POLYESTER RELATED MULTILAYER LAMINATED INDUSTRIAL PACKAGING MATERIAL WASTE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C08J11/06, B32B43/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. VAVIYA LADHA GELA Address of Applicant: NEAR AMBAJI ANNAPURNA BHAVAN, FATEHGADH, TALUK: RAPAR, DIST.: KUTCH, GUJARAT, INDIA-370155. Gujarat India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)MR. VAVIYA LADHA GELA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of treating polyester related multilayer laminated industrial packaging waste material is described to obtain a recyclable film devoid of polyester, free from ink, free from print, free from paper component and free from metallised aluminium . The waste material is exposed to concentrated 98% sulfuric acid for a period of 30 seconds to 5 minutes, after which it is exposed to concentrated aqueous 30% solution of Sodium hydroxide. The out coming material is exposed to water and finally dried. The recovered material comprising LDPE or BOPP or CPP is recyclable. When aluminium foil is one among the components of multilayer waste, it is recovered intact.

No. of Pages: 7 No. of Claims: 5

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: GEL SEALANT COMPOSITION AND ITS METHOD OF PREPARATION

	:C08K5/1545,	(71)Name of Applicant:
(51) International classification	C08J3/00,	1)1. Vikas Bhalchandra Ghadage
	B29C73/16	Address of Applicant :A/P- Siddheshwar Nimbodi, Tal-
(31) Priority Document No	:NA	Baramati, Dist-Pune Maharashtra India
(32) Priority Date	:NA	2)Vijay Suresh Rasal
(33) Name of priority country	:NA	3)Vipul Yuvraj Patil
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)1. Vikas Bhalchandra Ghadage
(87) International Publication No	: NA	2)Vijay Suresh Rasal
(61) Patent of Addition to Application Number	:NA	3)Vipul Yuvraj Patil
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Gel composition used to seal tire puncture wherein said gel composition is a sealant composition that contain a puncture filler material, a liquid carrying agent and corrosion inhibitors to protect wheels and tire belts. Easy application of these gel compositions explains its introduction into the tire either through valve and/or local application for rapid sealing puncture as they occur, in order to prevent flat tires and accidents causing from the tire failures, and the time and expense associated with conventional methods of tire repair. The gel composition is bio-degradable, non-inflammable, rust proof, anti-freezing agents, stabilizers and plasticizers provides stability to the gel at wide range of temperatures and pressure and is maintained at PH 8-10. This gel composition seals puncture of about 2-3 mm in four wheeler and two wheeler vehicles. Due to its tunable flexibility in physical and chemical properties, it can be squeezed and filled up in the valve. Gel composition used to seal tire puncture wherein said gel composition is a sealant composition that contain a puncture filler material, a liquid carrying agent and corrosion inhibitors to protect wheels and tire belts. Easy application of these gel compositions explains its introduction into the tire either through valve and/or local application for rapid sealing puncture as they occur, in order to prevent flat tires and accidents causing from the tire failures, and the time and expense associated with conventional methods of tire repair. The gel composition is bio-degradable, non-inflammable, rust proof, anti-freezing agents, stabilizers and plasticizers provides stability to the gel at wide range of temperatures and pressure and is maintained at PH 8-10. This gel composition seals puncture of about 2-3 mm in four wheeler and two wheeler vehicles. Due to its tunable flexibility in physical and chemical properties, it can be squeezed and filled up in the valve.

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

(22) Date of filing of Application :06/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: DIVCON MICROCHANNELS HEAT SINK FOR ELECTRONIC CHIP COOLING

(51) International classification	:H01L23/473,H05K7/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANSARI MOHD. ZAHID
(32) Priority Date	:NA	Address of Applicant :IIITDM-JABALPUR, M.P., INDIA
(33) Name of priority country	:NA	Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANSARI MOHD. ZAHID
(87) International Publication No	: NA	2)SINGHAL ROHIT
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To improve the cooling efficiency and reduce the pressure drop characteristics of the microchannels heat sink used in electronic chip cooling system, four new divergent-convergent microchannel designs are disclosed here. The proposed designs are oval, trapezoidal channel, diamond and conical channels. The cross-sectional area of the channels is first increasing and then decreasing along the channel length. The channels use a pumped fluid like water and alcohol as the coolant. By dividing the channel length into diverging and converging sections and varying the other design size parameters, the designs are showing better pressure drop and heat removing characteristics than conventionally used rectangular channels. An array of the proposed microchannels can be incorporated into a single heat sink to achieve a very high rate of cooling of the electronic chips while keeping the coolant pumping power and cost low.

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

(22) Date of filing of Application :06/08/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention : SMART HIGH POWER LIGHT EMITTING DIODE (LED) BULBS WITH ADJUSTABLE BEAM ANGLE AND WATTAGE SWITCHING IN SINGLE BULB

	.E21C	(71)Nama of Amiliana
,	8/00,	(71)Name of Applicant : 1)YASH M. SAWARKAR
(51) International classification	F21S	Address of Applicant :62, JANKI NAGAR, MANEWADA
9	9/00	RING ROAD, NAGPUR, 440 024, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	2)ASHWIN D. BHAJAN
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)NIRAJ CHAUDHARY
Filing Date	:NA	2)GUNJAN T. RAUT
(87) 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:

LED Lighting can create light comparable to incandescent bulbs using up to 85% less energy and lasting up to 50 times longer. Other added benefits from LED Lighting include longer useful lifetimes, lower maintenance, no UV or IR radiation, and no mercury content. LED applications are focused on high-brightness LED designs. In todays world we have seen the problems in LED bulbs that they have low luminance, high heat dissipation factors, poor design, costly and customers need to switch between the wattage of LED bulbs according to the environment and also needs to suit the bulbs in all type of area. So to rectify this issue we are implementing this system using Smart high power light emitting diode (LED) bulbs with adjustable beam angle and wattage switching in single bulb. The primary aim of this invention is to design a system that will improve the design of LED bulbs to provide a high brightness with low power consumption or provide a high brightness and luminous with less than 1 watt and 3 watt with beam angle adjuster LED bulb also these bulbs will perform the wattage switching intelligently. We made smart circuits design that has the alibility to switch between wattage. Our LED bulb offers directional, controllable, changeable, and architectural enhancement to the viewers to satisfy their requirement with a single led bulbs that suits in all type of environment

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

(22) Date of filing of Application :07/08/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : AN INSULATION CONDITION ASSESSMENT INSTRUMENT FOR PERFORMING FREQUENCY DOMAIN SPECTROSCOPY EMPLOYING TIME GROWING FREQUENCY EXCITATION AND A METHOD FOR THE SAME

(51) International classification	:G01N25/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHAKRAVORTI, SIVAJI
(32) Priority Date	:NA	Address of Applicant :FLAT#1E, SWATI KUNJ, 3/1A
(33) Name of priority country	:NA	PADDAPUKUR ROAD, KOLKATA - 700 092, WEST
(86) International Application No	:PCT//	BENGAL, INDIA
Filing Date	:01/01/1900	2)CHATTERJEE, BISWENDU
(87) International Publication No	: NA	3)DEY, DEBANGSHU
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHAKRAVORTI, SIVAJI
(62) Divisional to Application Number	:NA	2)CHATTERJEE, BISWENDU
Filing Date	:NA	3)DEY, DEBANGSHU

(57) Abstract:

An insulation condition assessment instrument (A) comprises of at least two switches 1 and 2 for connecting two terminals (x, y) of a dielectric material sample (7) under test to the common connection points (c) and (d) of said two switches, a host computer (14) connected to a microcontroller (3) which is connected through 8/16/32 bit data bus to FPGA (4). FGPA (4) is connected to high voltage amplifier (6) as well as to ADC (10, 11), which is in turn connected to a programmable voltage sensing unit (9) and a programmable current sensing unit (8), respectively. A time growing frequency excitation voltage waveform is impressed by said high voltage amplifier (6) upon the dielectric sample (7). A process of performing FDS with instrument (A) is also disclosed.

No. of Pages: 21 No. of Claims: 7

(22) Date of filing of Application :16/07/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : VISUAL AID FOR DRIVER FOR CONTROLLING VISUAL DISTURBANCE OF LIGHT COMING FROM THE OPPOSITE SIDE OR DIRECTION VEHICLES OR LIKE REQUIREMENTS FOR INDUSTRIAL USE

(51) International classification	:B60K35/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RATHIN BHATTACHARJEE
(32) Priority Date	:NA	Address of Applicant : Village- Krishnanagar, P.O-
(33) Name of priority country	:NA	Nangulpara, P.S Khanakul, Dist Hooghly, Pin-712406, India
(86) International Application No	:PCT//	West Bengal
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)RATHIN BHATTACHARJEE
(61) Patent of Addition to Application Number	:842/KOL/2013	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A visual aid device for controlling visual disturbance of vehicle drivers from the light from the opposite direction comprising: a transparent front including a plurality of semi transparent controlling guard; a semi transparent top cover with a tint, and a band or an adapting means to hold the device in front of the eyes.

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

Publication After 18 Months:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10080/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014

(62) Divisional to Application Number

(43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR SEQUENCING ASYNCHRONOUS MESSAGES IN A DISTRIBUTED AND PARALLEL ENVIRONMENT

:G06F9/54,G06Q10/02 (71)Name of Applicant : (51) International classification (31) Priority Document No :12368017.5 (32) Priority Date :02/08/2012 (33) Name of priority country :EPO (86) International Application No :PCT/EP2013/002302 Filing Date :01/08/2013 (87) International Publication No :WO 2014/019701 (61) Patent of Addition to Application :NA Number :NA Filing Date

:NA

:NA

1)AMADEUS S.A.S. Address of Applicant :485 ,route du Pin Montard, Sophia

Antipolis, F- 06410 Biot France (72) Name of Inventor: 1)KRASENSKY, Nicolas 2)SEVEILLAC, Clment 3)SPEZIA, Didier 4)DOR, Pierre

(57) Abstract:

Filing Date

The invention provides a system and a computer-implemented method of sequencing distributed asynchronous messages in a distributed and parallel system having a plurality of inbound handlers forming an inbound handlers layer and a plurality of outbound handlers forming an outbound handlers layer, the method comprising the following steps performed with at least one data processor: receiving in any inbound handler out of the plurality of inbound handlers an incoming message the incoming message comprising a sequence correlation value that identifies a sequence comprising the incoming message, checking for a sequence status of said sequence in a shared sequence storage; determining if the incoming message is the next message to be processed for maintaining the order of the messages in said sequence; -if the sequence status indicates that none of the outbound handlers in the outbound handlers layer is currently processing a message for said sequence and if the incoming message is determined to be the next message to be processed for said sequence, then forwarding the incoming message to a shared queue storage and subsequently retrieving the message by an available outbound handler in the outbound handlers layer for processing; - if the sequence status indicates that at least one of the outbound handlers in the outbound handlers layer is currently processing a message of said sequence; or if the shared queue storage already comprises a message to be processed for said sequence; or if the incoming message is determined not to be the next message to be processed for said sequence, then storing the incoming message in a memory of a shared overflow storage to keep for further processing.

No. of Pages: 50 No. of Claims: 21

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: USE OF TROP- 2 AS PREDICTIVE MARKER OF RESPONSE TO ANTI-TUMOR THERAPY BASED ON INHIBITORS OF CD9- AKT AND MOLECULES OF THE TETRASPANIN SIGNALLING NETWORK

:G01N33/574,A61P35/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :CH2012A000008 1)ALBERTI. Saverio (32) Priority Date Address of Applicant: Unita di Patologia Oncologica CeSI, :16/05/2012 Fondazione Universita G. D'Annun-TR), OAPI (BF, BJ, CF, CG, (33) Name of priority country :Italy (86) International Application No :PCT/IT2013/000139 CI, CM, GA, GN, GQ, GW, zio, Via Colle dell'Ara, 1-66100 Filing Date :16/05/2013 Chieti Scalo (CH) (IT). Italy (87) International Publication No :WO 2013/171777 (72) Name of Inventor: (61) Patent of Addition to Application 1)ALBERTI .Saverio :NA Number 2) GUERRA Emanuela :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention consists in a method for the diagnosis and treatment of cancer characterized by the fact that an increase in the levels of Trop- 2 in the tumor , as compared to the levels of Trop- 2 in the corresponding normal tissues , constitutes a biological marker that can predict the tumor response to anticancer therapy with drugs directed against components of the signalling network of Trop - 2, including but not limited to drugs which inhibit CD9 , Akt and molecules of the tetraspanin signalling network. More particularly , the invention concerns the use of the biological marker Trop -2 in the screening of new compounds , and in the clinical setting as an indicator for the use of anticancer drugs targeted against molecules of the signalling network of Trop- 2, including but not limited to drugs that inhibit CD9 , Akt and molecules of the tetraspanin signalling network.

No. of Pages: 58 No. of Claims: 10

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : INCREASED POLYMER MELT FLOW RATIO VIA FEED OF A SUPPORTED CATALYST SATURATED WITH A SELECTED LIQUID AGENT

(51) International classification :C08F210/02,C08F2/34,C08F4/64 (71) Name of Applicant : (31) Priority Document No :61/671525 1)UNIVATION TECHNOLOGIES LLC (32) Priority Date Address of Applicant: 5555 San Felipe, Suite 1950, Houston, :13/07/2012 (33) Name of priority country TX 77056 U.S.A. :U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2013/045938 1) HUSSEIN ,F., David :14/06/2013 Filing Date 2) ZILKER, Daniel, P. (87) International Publication 3) CANN, Kevin, J. :WO 2014/011357 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A process for the production of ethylene alpha- olefin copolymers is disclosed. The process may include feeding a catalyst system comprising a supported metallocene, such as a hafnocene, having pores saturated with a selected liquid agent, to a gas phase polymerization reactor. Ethylene and an alpha- olefin may then be contacted with the supported metallocene in the gas phase polymerization reactor to produce an ethylene alpha- olefin copolymer. The copolymer may have a density of less than 0.93 g/cm3 a melt index (3/4 of less than 2 dg/min, and a melt flow ratio (I21 / 12) of at least 28. To advantageously result in desired effects on catalyst properties and/or polymer properties, the liquid agent may be selected to advantageously manipulate catalyst temperature profiles and/or catalyst - monomer interaction during an initial heating period when the catalyst is first introduced to the reactor.

No. of Pages: 32 No. of Claims: 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10073/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: LAUNDRY DETERGENTS

(51) International classification :C11D3/00,B01D19/04,C11D3/37 (71)Name of Applicant :

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA

(86) International Application

No

:PCT/CN2012/000784 :08/06/2012

Filing Date (87) International Publication

:WO 2013/181769

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

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

(57) Abstract:

a surfactant.

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza,

Cincinnati. Ohio 45202 U.S.A.

(72) Name of Inventor:

1)SOMERVILLE ROBERTS Nigel Patrick

2)SONG, Haiyan

3) CASTRO "Jerome Macalsa 4)LHOSTIS, Jacqueline

5)LECOMTE, Stphane

A laundry detergent comprises a granulated foam control composition and an anionic surfactant, wherein the granulated foam control composition comprises: (a) a foam control agent comprising: i. a polydiorganosiloxane fluid comprising units of the formula -(RSiR-O)-, where each group R, which may be the same or different, is selected from an alkyl group having 1 to 36 carbon atoms or an aryl group or aralkyl group having 1 to 36 carbon atoms, the mean number of carbon atoms in the groups R being at least 1.3; ii. a hydrophobic filler dispersed in the polydiorganosiloxane fluid; (b) an organic additive having a melting point of from about 45°C to about 100°C comprising a polyol ester which is a polyol esterified by carboxylate groups each having 7 to 36 carbon atoms, and which is miscible with said polydiorganosiloxane fluid; (c) a water soluble inorganic particulate carrier; (d) a cationic polymer; and (e)

No. of Pages: 36 No. of Claims: 15

(21) Application No.10074/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: INTEGRATED CAPACITOR TRANSIMPEDANCE AMPLIFIER

:G01N27/62,H01J49/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) SMITHS DETECTION - WATFORD LIMITED :61/654333 (32) Priority Date :01/06/2012 Address of Applicant: 64 Clarendon Road, Watford, (33) Name of priority country Hertfordshire, WD17 1DA U.K. :U.S.A. (86) International Application No :PCT/GB2013/051462 (72) Name of Inventor: Filing Date :31/05/2013 1)FITZGERALD "John Patrick (87) International Publication No :WO 2013/179060 (61) Patent of Addition to Application :NA

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

(57) Abstract:

Spectrometers including integrated capacitive detectors are described. An integrated capacitive detector integrates ion current from the collector (220) into a changing voltage. The detector includes a collector configured to receive ions in the spectrometer a dielectric (228), and a plate (232) arranged in an overlapping configuration with collector on an opposite side of the dielectric. The detector also includes an amplifier (226).

No. of Pages: 29 No. of Claims: 24

(21) Application No.10075/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention : AGENT FOR PROPHYLACTIC AND/OR THERAPEUTIC TREATMENT OF PERIPHERAL NEUROPATHIC PAIN CAUSED BY ANTICANCER AGENT

(51) International classification :A61K38/55,A61K31/337,A61P25/04

(31) Priority Document No :2012125316 (32) Priority Date :31/05/2012

(33) Name of priority :Japan

country :Japa

(86) International PCT/JP2013/063743 Application No

Filing Date :17/05/2013

(87) International Publication No :WO 2013/179910

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

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

(71)Name of Applicant: 1)KINKI UNIVERSITY

Address of Applicant :3- 4-1, Kowakae, Higashiosaka-shi

Osaka 5778502 Japan

2) ASAHI KASEI PHARMA CORPORATION

(72)Name of Inventor : 1)KAWABATA Atsufumi 2)SUZUKI Hideaki

(57) Abstract:

A medicine effective in preventing and/or treating peripheral neuropathic pain ,such as allodynia, caused by an anti cancer drug treatment; wherein the medicine contains thrombomodulin as an active ingredient.

No. of Pages: 70 No. of Claims: 16

(21) Application No.10076/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: CELLULOSE POWDER

(51) International

:C08B15/00,A61K9/20,A61K47/38

classification

:2012124494

(31) Priority Document No (32) Priority Date

:31/05/2012

(33) Name of priority country: Japan

(86) International Application

:PCT/JP2013/065113

:WO 2013/180248

:30/05/2013

:NA

Filing Date

(87) International Publication

(61) Patent of Addition to

Application Number

Filing Date

(62) Divisional to Application

:NA Number :NA

Filing Date

(71)Name of Applicant:

1) ASAHI KASEI CHEMICALS CORPORATION

Address of Applicant: 1-105, Kanda Jinbocho, Chiyoda-ku

Tokyo 1018101 Japan

(72)Name of Inventor:

1)OBAE Kazuhiro

2)KAKIZAWA, Masayuki 3)YAMASHITA, Mitsuo

4)MATSUI,Shinji

(57) Abstract:

This cellulose powder has: an average degree of polymerization of 100 to 350; a weight average particle size of over 30 µm but less than 250 µm; an apparent specific volume of 2 to less than 15 cm/g; and a particle size distribution sharpness of 1.5 to 2.9.

No. of Pages: 40 No. of Claims: 14

(21) Application No.10077/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: CELLULOSE POWDER

(51) International :C08B15/00,A61K9/20,A61K47/38

:WO 2013/180246

classification (31) Priority Document No :2012124016 (32) Priority Date :31/05/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/065111

:30/05/2013

Filing Date

(87) International Publication

(61) Patent of Addition to

Application Number :NA Filing Date

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

(71)Name of Applicant:

1) ASAHI KASEI CHEMICALS CORPORATION

Address of Applicant: 1-105, Kanda Jinbocho, Chiyoda-ku

Tokyo 1018101 Japan (72)Name of Inventor:

1)OBAE Kazuhiro

2)KAKIZAWA Masayuki

3)YAMASHITA Mitsuo

(57) Abstract:

This cellulose powder has: an average degree of polymerization of 100 to 300; a weight average particle size of over 30 µm, but less than 250 µm; an apparent specific volume of 2.0 cm/g to less than 4.0 cm/g; and an organic carbon content from residual impurities, which is defined by the total organic carbon content (%) during 1% NaOH extraction to the total organic carbon content (%) during pure water extraction, of 0.002 to 0.060%.

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

(21) Application No.10078/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: OXYGEN SCAVENGING COMPOSITIONS

(51) International classification :C08K5/16,C08K3/08,C08K3/10 (71)Name of Applicant :

(31) Priority Document No :61/640168 (32) Priority Date :30/04/2012

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

(86) International Application No:PCT/US2013/038801

Filing Date :30/04/2013 (87) International Publication No: WO 2013/165971

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)CONSTAR INTERNATIONAL LLC

Address of Applicant :One Crown Way, Philadelphia, PA

19154 (US). U.S.A.

(72)Name of Inventor: 1)BEHRENDT, Kirk

2)DAUZVARDIS, Matthew J.

3)HOCH, Richard, L.

(57) Abstract:

The disclosure relates to transition metal compositions, methods of making the compositions, articles prepared from the compositions , and methods of making the articles. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

No. of Pages: 54 No. of Claims: 21

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: AN ELECTROMAGNETIC GENERATOR TRANSFORMER

 (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 	:29/05/2013 :WO 2013/181243 :NA :NA	(71)Name of Applicant: 1)PROTOTUS, LTD. Address of Applicant: P.O. Box 159, Caye Financial Centre, 3rd. Floor, Cor. Coconut Dr. & Hurricane Way, San Pedro Town, Ambergris Caye, BELIZE (72)Name of Inventor: 1)COPELAND, Carl, E. 2)FAHIMI, Babak
- 10	:NA :NA :NA	

(57) Abstract:

An electromagnetic generating transformer comprises one or more flux assembly having one or more magnetic field source having a positive pole and a negative pole and a magnetic field passing in a path between the positive pole and the negative pole and a conductor magnetically coupled with the one or more magnetic field source, the magnetic field source and the conductor being fixed relative to one another; a shunt is coupled with a motive source and configured to move the shunt into a primary position and a secondary position, wherein the magnitude of the magnetic field passing between the positive pole and the negative pole varies when the shunt is moved between the primary position and the secondary position.

No. of Pages: 49 No. of Claims: 13

(21) Application No.10095/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: AIRSHIP

 (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 	:B64B1/58,B64B1/62 :12 55012 :31/05/2012 :France :PCT/FR2013/051038 :13/05/2013 :WO 2013/178904 :NA :NA :NA	(71)Name of Applicant: 1)A -NTE (AERO- NAUTIC TECHNOLOGY & ENGINEERING) Address of Applicant: 33 Avenue Lon Gambetta, F- 92120 Montrouge France (72)Name of Inventor: 1)REGAS, Baptiste 2)REGAS, Adrien 3)JOZAN, Olivier
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(57) Abstract:

An airship (1) comprising a flexible envelope (2), a wall (3) located inside the envelope, and a pumping means. The wall (3) extends longitudinally between the nose and the tail, separating the space inside the envelope into a first space (E1) and a second space (E2), said second space being located at the periphery of the envelope between a first point (P1) and a second point (P2). The pumping means is capable of inflating the second space in order for the envelope to assume a second shape, and of deflating the second space in order for the envelope to assume a first shape different from the second shape.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: UREA GRANULATION PROCESS WITH SCRUBBING SYSTEM

(51) International classification: C05C9/00,C07C273/16,B01J2/00 (71) Name of Applicant: (31) Priority Document No 1) UHDE FERTILIZER TECHNOLOGY B.V. :12003585.2 (32) Priority Date :08/05/2012 Address of Applicant : Noordhoven 19, NL- 6042 NW (33) Name of priority country Roermond Netherlands :EPO (72) Name of Inventor: (86) International Application :PCT/EP2013/001292 No 1)POTTHOFF .Matthias :02/05/2013 Filing Date 2)FRANZRAHE, Harald (87) International Publication 3) VANMARCKE, Luc, Albert :WO 2013/167245 (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

Urea granulation process with scrubbing system including at least one gaseous waste stream for removal of dust and ammonia whereby this waste stream is processed through a combination of the following process steps comprising (a) washing the dust and ammonia laden stream (4) with water and/or an aqueous urea solution whereby a dust-laden liquid stream (26) and a dust-reduced stream (5) is generated ,and (b) reacting the dust -reduced stream (5) with formaldeyhde (7) to form a stream (8) comprising hexamethylenetetramine and urea-formaldehyde and clean off -gas (6) wherein the gas stream is directed first through process step (a) and then through process step (b).

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : CATALYST PROTECTION DEVICE AND CATALYST PROTECTION METHOD FOR INTERNAL COMBUSTION ENGINE

:F01N11/00,F02D41/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TOYOTA JIDOSHA KABUSHIKI KAISHA :2012126030 (32) Priority Date :01/06/2012 Address of Applicant: 1 Toyota -cho, Toyota - shi, Aichi ken (33) Name of priority country 471-8571 Japan :Japan (86) International Application No :PCT/IB2013/001200 (72) Name of Inventor: Filing Date :30/05/2013 1)KONDO,Shinya (87) International Publication No :WO 2013/179131 2)TAKAMA, Yasuyuki (61) Patent of Addition to Application 3)ASO, Koji :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A catalyst protection device includes: a catalyst provided in an exhaust system of an internal combustion engine; a bed temperature acquisition unit that acquires a bed temperature for each of a plurality of regions of the catalyst distributed in an exhaust gas flow direction; and a fuel injection unit that determines for each of the regions whether an increase in fuel injection amount is required on the basis of the corresponding bed temperature acquired by the bed temperature acquisition unit, that calculates an increase in fuel injection amount for each region and that injects fuel of an amount including the sum of the calculated increase values.

No. of Pages: 34 No. of Claims: 6

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : CATALYST PROTECTION DEVICE AND CATALYST PROTECTION METHOD FOR 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 	:F02D41/02,F01N3/10 :2012126029 :01/06/2012 :Japan :PCT/IB2013/001202 :30/05/2013 :WO 2013/179132 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan (72)Name of Inventor: 1)KONDO,Shinya 2)TAKAMA,Yasuyuki 3)ASO,Koji
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A catalyst protection device includes: a catalyst provided in an exhaust system of an internal combustion engine and purifying exhaust gas; a bed temperature acquisition unit acquiring a current bed temperature of the catalyst; a base increase value calculation unit calculating a base increase value that is a base value of an increase value of a fuel injection amount injected by a fuel injection valve included in the internal combustion engine in order to cool the catalyst when the current bed temperature exceeds a predetermined determination value; a compensator acquiring a corrected increase value by correcting the base increase value using a reduction coefficient that is calculated by incorporating a value of a target bed temperature set to a value strictly lower than the determination value; and an injection amount increasing unit selecting any one of the base increase value and the corrected increase value. When catalyst protection is required, the fuel increase value is therefore optimized to reasonable values, while not being reduced too much.

No. of Pages: 43 No. of Claims: 11

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SOWING DEVICE CONTROLLER, SOWING DEVICE, AND SINGLE -GRAIN SOWING 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 	:A01C7/04,A01C7/10 :13169382.2 :27/05/2013 :EPO :PCT/EP2014/053715 :26/02/2014 :WO 2014/191124 :NA :NA :NA	(71)Name of Applicant: 1)KVERNELAND AS Address of Applicant: N -4355 Kvernaland Norway (72)Name of Inventor: 1)SCHUMACHER, Ferdinand 2)SCHANZENBACH, Volker
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(57) Abstract:

The invention relates to a sowing device controller for controlling a sowing device (3), comprising a sowing device monitoring device (12), which has an analyzing unit, for ascertaining the occupancy of seed holes (15) of a rotating seed disk (9) with seeds during operation. The analyzing unit provides an actual occupancy value of the occupancy of one of more seed holes (15), and the sowing device controller is designed to control actuating elements influencing the occupancy dependent on a deviation of the actual occupancy value from a stored target occupancy value of the occupancy of one or more seed holes (15). The invention further relates to a sowing device and a single- grain sowing machine.

No. of Pages: 19 No. of Claims: 7

(21) Application No.10088/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: CAMSYLATE SALT

(51) International :C07D401/10,A61K31/4439,A61P25/28 classification

(31) Priority Document

:61/662592 (32) Priority Date :21/06/2012

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

country

(86) International

:PCT/GB2013/051606 Application No :20/06/2013

Filing Date

(87) International :WO 2013/190302 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)BOHLIN, Martin, Hans

2)STEWART, Craig Robert

(57) Abstract:

A camsylate salt of (1r, 1 R, 4R)- 4- methoxy- 5 -methyl- 6- [5- (prop -1- yn 1 -yl)pyridin- 3- yl]- 3 H- dispiro[cyclohexane- 1, 2inden-r2 imidazole]- 4 -amine, pharmaceutical compositions containing the salt and therapeutic uses of the salt for treating A related pathologies such as Alzheimer s Disease, Down s syndrome, - amyloid angiopathy and conditions such as dementia including dementia of mixed vascular and degenerative origin, pre-senile dementia, senile dementia and dementia associated with Parkinson s disease, progressive supranuclear palsy or cortical basal degeneration.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : HARDENED STEEL TUBE MEMBER, AUTOMOBILE AXLE BEAM USING HARDENED STEEL TUBE MEMBER , AND METHOD FOR MANUFACTURING HARDENED STEEL TUBE MEMBER

(51) International classification: C23C2/28,C22C38/14,C22C38/58 (71) Name of Applicant: (31) Priority Document No 1)NIPPON STEEL & SUMITOMO METAL :2012207249 (32) Priority Date :20/09/2012 CORPORATION (33) Name of priority country Address of Applicant :6-1 Marunouchi 2- chome, Chiyoda -:Japan (86) International Application ku, Tokyo 1008071 Japan :PCT/JP2013/074687 (72) Name of Inventor: :12/09/2013 Filing Date 1)FUKUSHI Takaaki (87) International Publication 2)SATO Koichi :WO 2014/046007 3)KATO Satoshi (61) Patent of Addition to 4)HAMATANI Hideki :NA **Application Number** 5)HIROTA Yoshiaki :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The hardened steel tube member is formed from a zinc -coated steel tube. The cross -section , which is perpendicular to the longitudinal direction , at the center of the longitudinal direction of the GI- zinc coated steel tube is substantially a V-shape , the V-shape comprising a contacting section in which the inner surfaces of the GI-zinc coated steel tube contact each other. The contacting section is integrated by a Fe- Zn alloy phase. The micro Vickers hardness at a depth of 50 μ m from the surface layer of the base metal is 95% or more of the micro Vickers hardness at a depth of 200 μ m from the surface layer of the base metal.

No. of Pages: 33 No. of Claims: 11

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD FOR CONTROLLING A HYDRAULIC SYSTEM AND RELATED HYDRAULIC SYSTEM

		(71)Name of Applicant: 1)RENAULT S.A.S. Address of Applicant:13-15 Quai Le Gallo, F-92100 Boulogne -Billancourt France (72)Name of Inventor:
` '	:1255035	7
(32) Priority Date	:31/05/2012	Address of Applicant :13- 15 Quai Le Gallo, F- 92100
(33) Name of priority country	:France	Boulogne -Billancourt France
(86) International Application No	:PCT/FR2013/050985	(72)Name of Inventor:
Filing Date	:03/05/2013	1)COUTEL, Julien
(87) International Publication No	:WO 2013/178900	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a hydraulic system (1), in particular for an automatic transmission of a motor vehicle, which comprises hydraulic actuators (Ei, E2, Fi, F2, F3), such as clutch and/or brake actuators, supplied at the same line pressure (Piigne) by a single hydraulic circuit (2). The system comprises an electronic control unit (13) configured such as to cause a temporary drop in the line pressure (Piigne) during the closing operation (t0-t8) of one of the actuators (E2) during a change of status in the system, particularly during a gear ratio change from a first ratio to a second ratio.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: REMANUFACTURED COMPONENT AND FEALSIC THERMAL SPRAY WIRE FOR SAME

:C23C4/08,C23C4/12,C23C4/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)CATERPILLAR INC. :13/526976 (32) Priority Date Address of Applicant :100 N.E. Adams Street, Peoria, IL :19/06/2012 61629-9510 U.S.A. (33) Name of priority country :U.S.A. (86) International Application No: PCT/US2013/046579 (72) Name of Inventor: Filing Date :19/06/2013 1)SHARP, Robert Eugene (87) International Publication No: WO 2013/192309 2)LUICK, Kegan, Jon (61) Patent of Addition to 3)BEARDSLEY, M., Brad :NA **Application Number** 4) SCHIPULL, Kristin, Ann :NA Filing Date 5)SORDELET, Daniel ,Joseph (62) Divisional to Application 6)MOSS, Jarrod, David :NA Number 7) VELIZ, Mark, David :NA Filing Date

(57) Abstract:

A used component such as an engine block (30) or engine head (20), has at least one dimension (12, 112) that does not match a dimensional specification for the component. A thermal spray coating (13, 113) of FeAlSiC is applied to build up the dimension (12,112). The excess coating (13,113) is milled off so that the body (11, 111) and coating (13, 113) have a second shape that matches the dimensional specification for the component. The coating (13,113) has an ordered DO3 crystal structure with a stable aluminum oxide scale that produces oxidation resistance at about 700° C.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR THE TRANSMISSION OF DATA BETWEEN DEVICES OVER SOUND WAVES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04R3/12,H04M9/00,G08B3/10 :BR1020120109131 :09/05/2012 :Brazil	(71)Name of Applicant: 1)NEARBYTES TECNOLOGIA DA INFORMA‡fO LTDA. Address of Applicant:Largo do Machado 21 915 Catete Rio de Janeiro RJ Brazil
(86) International Application No Filing Date (87) International Publication No	:PCT/BR2013/000138 :30/04/2013 :WO 2013/166567	(72)Name of Inventor: 1)RAMOS Marcelo da Cunha 2)ROUSSEAU Vivian 3)SHORTER Orlando Mark
(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 method for transmitting data between two devices, including the encoding of the digital data as acoustic digital signals, the transmission of this digital signal for playback by the loudspeakers of the transmitting device sound propagation through air, sound capture by the microphone of the receiving device and the conversion thereof into acoustic digital data and decoding of the acoustic digital data, allowing the original data to be retrieved, all these operations being carried out without the need for additional hardware or any other type of connectivity.

No. of Pages: 20 No. of Claims: 13

(21) Application No.10106/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: DRY HAEMOSTATIC COMPOSITION

(51) International classification	:A61L26/00	(71)Name of Applicant:
(31) Priority Document No	:PA 2012 70319	1)FERROSAN MEDICAL DEVICES A/S
(32) Priority Date	:12/06/2012	Address of Applicant :Sydmarken 5, DK- 2860 S, borg
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2013/050191	(72)Name of Inventor:
Filing Date	:12/06/2013	1)LARSEN ,Kristian
(87) International Publication No	:WO 2013/185776	
(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 dry composition, which upon addition of an aqueous medium forms a substantially homogenous paste suitable for use in haemostasis procedures. The paste forms spontaneously upon addition of the liquid, hence no mechanical mixing is required for said paste to form. The invention further relates to methods of preparing said dry composition a paste made from said dry composition and use of said paste for medical and surgical purposes.

No. of Pages: 57 No. of Claims: 23

(12) FATENT AFFLICATION FUBLICATION

(43) Publication Date: 21/08/2015

(21) Application No.10107/DELNP/2014 A

(22) Date of filing of Application :27/11/2014

(54) Title of the invention: ROTARY CLOSURE FOR A SHOE

 (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 	:30/11/2012 :WO 2014/082652	(71)Name of Applicant: 1)PUMA SE Address of Applicant: Puma Way 1, 91074 Herzogenaurach Germany (72)Name of Inventor: 1)JUNGKIND, Roland
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

The invention relates to a rotary closure (1) for a shoe, in particular for a sports shoe, comprising: a housing (2) which can be attached to the shoe, a tension roller (3) which is mounted in the housing (2) so as to be rotatable about an axis (A) and on which a tension element (4) can be wound during fastening of the shoe, and a rotary knob (5) which is disposed so as to be rotatable about the axis (A) on the housing (2) in order to rotate the tension roller (3). In order to create a rotary closure which can be easily tensioned and slackened in a simple, cost-effective and lightweight construction, according to the invention the rotary closure (1) further comprises: an intermediate support (6), wherein the intermediate support (6) has at least one pawl (7) which engages in a first locking toothing (8) of the housing, and at least one locking lever (9) disposed in the or at the intermediate support (6), wherein a first and a second control element (12, 13), which co-operate with first and second link sections (14, 15) of the locking lever (9), are disposed on the rotary knob (5).

No. of Pages: 23 No. of Claims: 19

(21) Application No.10108/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: THREE DIMENSIONAL ELECTRICALLY CONDUCTIVE ADHESIVE FILM

:C08K3/00,C09J7/00,C08K7/02 (71)Name of Applicant : (51) International classification (31) Priority Document No :102012207462.7 1)TESA SE (32) Priority Date :04/05/2012 Address of Applicant: Quickbornstrae 24, 20253 Hamburg (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2013/057233 (72)Name of Inventor: Filing Date :05/04/2013 1)SCHERF, Lesmona (87) International Publication No: WO 2013/164154 2)KRAWINKEL, Thorsten (61) Patent of Addition to 3)FISCHER, Alexander :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to an adhesive film comprising a layer of an adhesive compound as well as conductive particles that are added to the adhesive compound, characterized in that a portion of the conductive particles are fibrous and a portion of the particles are in the form of dendritic structures.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: INJECTION NOZZLE

(51) International classification :F02M61/18,F02M61/10,F02M55/00

(31) Priority Document No :12170843.2 (32) Priority Date :05/06/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/001499

Application No Filing Date :21/05/2013

(87) International :WO 2013/182272

(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)CATERPILLAR MOTOREN GMBH & CO. KG Address of Applicant :Falckensteiner Strasse 2, 24159 Kiel

Germany

(72)Name of Inventor:

1) VON DER OSTEN- SACK, Andreas

2)OHRT,Ole

(57) Abstract:

An injection nozzle (22) for mounting to a nozzle holder of a fuel injection system (1) of an internal combustion engine may comprise a sealing face (29) for providing a sealed connection to the nozzle holder, a needle guiding bore (34) for guiding a needle between a fuel injection state and a sealed state of the fuel injector. The needle guiding bore (34) may extend through the sealing face (29), being fluidly connected at an injection side of injection nozzle (22), to an outside of the injection nozzle (22) via a plurality of nozzle spray holes (70). The needle guiding bore (34) may be widened to form a high pressure fuel chamber (36). A high pressure supply bore (38) may extend through the sealing face (29) and fluidly connect an opening in the sealing face (29) with the high pressure fuel chamber (36). A radial outer section (60) of a wall of the fuel supply channel (38) may smoothly transition into a wall of the high pressure fuel chamber (36). The high pressure supply bore (38) may be provided in a drop -like, rounded shape.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC **DATA**

(51) International classification :A61B5/0476,A61B5/0478 (71)Name of Applicant : (31) Priority Document No :13/829849

(32) Priority Date :14/03/2013 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/020255

Filing Date :04/03/2014 (87) International Publication No :WO 2014/158803

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

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

1)THE NIELSEN COMPANY (US) LLC

Address of Applicant: 150 North Martingale Road,

Schaumburg, Illinois 60173 U.S.A.

(72) Name of Inventor: 1)BADOWER Yakob

(57) Abstract:

Example apparatus and methods for gathering electroencephalographic signals are disclosed herein. An example apparatus includes a band to be worn on a head of a person and a first strip adjustably coupled to the band. The example apparatus also includes a first set of electrodes coupled to the first strip to gather a first set of signals from the head and a magnetic fastener to couple the first strip to the band.

No. of Pages: 53 No. of Claims: 62

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHODS AND APPARATUS FOR IDENTIFYING MEDIA

:H04N21/435,H04N21/45 (71)Name of Applicant : (51) International classification (31) Priority Document No

:13/627495 (32) Priority Date :26/09/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/059497

Filing Date :12/09/2013 (87) International Publication No :WO 2014/052028

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

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

1)THE NIELSEN COMPANY (US) LLC

Address of Applicant: 150 North Martingale Road,

Schaumburg ,Illinois 60173 U.S.A.

(72) Name of Inventor:

1)SRINIVASAN, Venugopal 2)TOPCHY, Alexander

(57) Abstract:

Methods and apparatus are disclosed for identifying media and, more particularly, to methods and apparatus for decoding identifiers after broadcast. An example method includes a portion of an identifying code from a media signal, determine a partition of the lookup table based on the portion of the identifying code wherein the partition of the look- up table includes reference signatures associated with the portion of the identifying code, and identify the media signal by comparing a signature extracted from the media signal to reference signatures in the partition of the look up table.

No. of Pages: 52 No. of Claims: 59

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR COMBINING LOCALIZED WEATHER FORECASTING AND ITINERARY PLANNING

:G01C21/00,G01W1/10 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SKY MOTION RESEARCH ULC :13/856923 (32) Priority Date Address of Applicant: 1410 Stanley, Suite 1020, Montreal, :04/04/2013 (33) Name of priority country Oubec H3A 1P8 Canada :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/CA2014/000315 Filing Date :04/04/2014 1)LEBLANC, Andre (87) International Publication No :WO 2014/161078

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

(57) Abstract:

Provided are methods, devices, and non-transitory computer-readable storage mediums to generate an itinerary with a weather forecast. The itinerary may comprise a departure location, a destination location and a first time. Based on the itinerary, an intermediary location and an intermediary time associated with the intermediary location may be identified. A weather forecast associated with the identified intermediary location and the intermediary time may be predicted. A weather risk associated with the identified route may be assessed and based on the assessed risk, an alternative route may be additionally identified.

No. of Pages: 41 No. of Claims: 25

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: MECHANICAL POSITIONING DEVICE AND METHOD

:B62D65/02,G01B21/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) HEXAGON METROLOGY S.P.A. :12425140.6 (32) Priority Date Address of Applicant: Via Vittime di Piazza della Loggia, 6, :20/08/2012 (33) Name of priority country 1- 10024 Moncalieri Torino Italy :EPO (72) Name of Inventor: (86) International Application No :PCT/EP2013/066545 1)GRAF, Roland Filing Date :07/08/2013 (87) International Publication No :WO 2014/029622 2) FORNERIS, Marco (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention pertains to a reference positioning system for positioning a workpiece (5) in a three dimensional coordinate system, the reference positioning system comprising a first positioning unit (1) for positioning a first alignment feature (10) of the workpiece (5) in a first dimension (X), in a second dimension (Y) and in a third dimension (Z), comprising a first centring pin (11) and a first reference level locator (12), a second positioning unit (2) for positioning a second alignment feature (20) of the workpiece (5) in the second dimension (Y) and in the third dimension (Z), comprising a second centring pin (21) and a second reference level locator (22), and a third positioning unit (3) for positioning a third alignment feature (30) of the workpiece (5) in the third dimension (Z), comprising a third reference level locator (32), characterized in that for levelling the first and second alignment features (10, 20) in a reference level the first and second centring pins (11, 21) are movable in the third dimension (Z) in such a way that the reference level is traversable by at least a part of the first and the second centring pin (11, 21). Furthermore, the invention pertains to a method for positioning and orienting a workpiece (5) in a three dimensional coordinate system by means of said reference positioning system, and to a computer programme product for execution of said method.

No. of Pages: 36 No. of Claims: 15

(21) Application No.10111/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: PROMOTERS FOR EXPRESSING A GENE IN A CELL

(51) International classification :C12N1/15,C12N9/18,C12N9/26 (71)Name of Applicant:

(31) Priority Document No :12172605.3 (32) Priority Date :19/06/2012

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2013/062490

Filing Date :17/06/2013

(87) International Publication No: WO 2013/189878

(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 TE Heerlen

Netherlands

(72) Name of Inventor:

1)LOS .Alrik Pieter

2) HEIJNE, Wilbert Herman Marie

3)PEL, Herman Jan

4) DAMVELD, Robbertus Antonius

5)VONK ,Brenda

(57) Abstract:

The present invention relates to isolated Rasamsonia promoter DNA sequences, to DNA constructs, vectors, and host cells comprising these promoters in operative association with coding sequences. The present invention also relates to methods for expressing a gene and/or producing a biological compound using the new promoters isolated. The present invention also relates to methods for altering the transcription level and/or regulation of an endogenous gene using the new promoter of the invention.

No. of Pages: 97 No. of Claims: 14

(21) Application No.10113/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: HIGHER STRENGTH MULLITE- BASED IRON FOUNDRY FILTER

(51) International :B01D39/20,B01D71/02,C22B9/02 classification

(31) Priority Document No :61/676500

(32) Priority Date :27/07/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/052051

:25/07/2013

Filing Date :WO 2014/018750

(87) International Publication

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

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

Filing Date

(71)Name of Applicant:

1)PORVAIR PLC

Address of Applicant : Riverside Industrial Estate, King's

Lynn, Norfolk PE 30 2HS U.K. 2)OLSON, Rudolph, A. (72) Name of Inventor:

1)OLSON, Rudolph, A.

(57) Abstract:

A ceramic foam filter and method of making the filter is described. The filter comprises: a sintered reaction product of: 35-75 wt% aluminosilicate; 10 -30 wt% colloidal silica; 0- 2 wt% bentonite; and 0 -35 wt% fused silica; wherein the ceramic foam filter has less than 0.15 wt% alkali metals measured as the oxide and a flexural strength of at least 60 psi measured at 4 minutes at 1428°C.

No. of Pages: 26 No. of Claims: 55

(21) Application No.10114/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: INFRA-RED ANALYSIS OF DIAMONDS

(51) International classification(31) Priority Document No(32) Priority Date	:G01N21/35,G01N21/87 :1210690.2 :15/06/2012	(71)Name of Applicant: 1)DE BEERS CENTENARY AG Address of Applicant: Alpenstrasse 5, Lucerne 6, CH -6000
(33) Name of priority country	:U.K.	Lucerne Switzerland
(86) International Application No	:PCT/EP2013/062156	(72)Name of Inventor :
Filing Date	:12/06/2013	1)KHAN, Rizwan
(87) International Publication No	:WO 2013/186261	2)DAVIES, Nicholas, Matthew
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)FISHER ,David 4)SMITH, James ,Gordon ,Charters
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a method of automating the classification of a diamond gemstone. An infra- red absorption spectrum of the gemstone is provided. Features corresponding to absorption by water and intrinsic absorption by a diamond lattice are subtracted from the absorption spectrum. The spectrum is analysed to identify predetermined absorption features corresponding to lattice defects in the diamond. The gemstone is classified according to the intensities of the predetermined absorption features. The results of the classification are saved in a database.

No. of Pages: 32 No. of Claims: 28

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REFINING WEATHER FORECASTS USING POINT OBSERVATIONS

 (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 	:G01W1/10 :13/856923 :04/04/2013 :U.S.A. :PCT/CA2014/000333 :04/04/2014 :WO 2014/161082 :NA :NA :NA	(71)Name of Applicant: 1)SYK MOTION RESEARCH ULC Address of Applicant:1410 Stanley, Suite 1020, Montreal ,Qubec H3A 1P8 Canada (72)Name of Inventor: 1)LEBLANC, Andre
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(57) Abstract:

Provided are methods, devices and non-transitory computer readable storage mediums to generate a more accurate weather forecast by utilizing actual observation of a weather event in a particular location and time. For example, the observation data may be received from a user device and contain information indicative of a weather event that the user observed. Alternatively, or additionally, the observation data may be automatically generated by one or more sensors placed in certain locations and transmitted to a central server automatically upon detecting an observation. The observation data may be used to predict a weather forecast of a location that corresponds to, or is otherwise related to the particular location in which the observed event occurred.

No. of Pages: 45 No. of Claims: 25

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR DISPLAYING WEATHER INFORMATION ON A TIMELINE

 (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 	:G01W1/10 :13/856923 :04/04/2013 :U.S.A. :PCT/CA2014/000317 :04/04/2014 :WO 2014/161079 :NA :NA	(71)Name of Applicant: 1)SKY MOTION RESEARCH, ULC Address of Applicant:1410 Stanley Suite 1020, Montreal, Qubec H3A 1P8 Canada (72)Name of Inventor: 1)LeBlanc, Andre
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(57) Abstract:

Provided are methods, devices, and non-transitory computer readable storage mediums to generate a weather timeline such as a succession of weather information on a continuous time scale. For example, a timeline may include first weather information associated with a first time in a first territorial location, second weather information associated with a second time, and third weather information associated with a third time. At least one of the first, second and third weather information may comprise a forecasted weather value indicative of a probability of having a specific type of precipitation at a specific intensity. A weather timeline may follow a specific location (e.g. city, town, any region with a definite boundary), a specific weather event (e.g. a specific precipitation type, a specific temperature level, a specific wind intensity), and/or a specific user. A timeline may include data created by an observer of the related weather information, where the data may be at least one of a picture, a video or a comment inputted by the observer about the related weather information.

No. of Pages: 40 No. of Claims: 26

(21) Application No.10131/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: MOP BASE FITTED WITH A HINGED ROTATION LIMITER

 (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 	:A47L13/24 :PD2012A000137 :04/05/2012 :Italy :PCT/IB2013/053543 :03/05/2013 :WO 2013/164800 :NA :NA :NA	(71)Name of Applicant: 1)T.T.S. S.R.L. Address of Applicant: Viale dell'Artigianato No.12/14, 1-35010 Santa Giustina in Colle PD Italy (72)Name of Inventor: 1)ZORZO, Renato
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(57) Abstract:

The invention concerns a device attached to a mop base that facilitates its use on a wall, limiting its possible angular travel with respect to the handle and arranging it for a correct approach to and positioning against a vertical wall.

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

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONTROLLING MELT FRACTURE IN BIMODAL RESIN PIPE

:G01N11/04,C08L23/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) CHEVRON PHILLIPS CHEMICAL COMPANY LP :61/654018 (32) Priority Date :31/05/2012 Address of Applicant: 10001 Six Pines Drive, The Woodlands (33) Name of priority country :U.S.A. .TX 77380 U.S.A. (86) International Application No :PCT/US2013/043154 (72) Name of Inventor: Filing Date :29/05/2013 1)INN, Yongwoo (87) International Publication No :WO 2013/181274 2) DESLAURIERS, Paul, J. (61) Patent of Addition to Application 3)YANG, Qing :NA Number 4)SUKHADIA, Ashish, M. :NA Filing Date 5) ROHLFING, David, C. (62) Divisional to Application Number :NA 6)MAEGER, Pamela, L. Filing Date :NA

(57) Abstract:

A method of improving processing of polyethylene resins comprising obtaining a plurality of multimodal metallocene catalyzed-polyethylene samples measuring the shear stress as a function of shear rate for the plurality of multimodal metallocene catalyzed-polyethylene samples using capillary rheometry wherein the measuring yields values for a magnitude of slip- stick ,a stress for smooth to matte transition , and a shear rate for smooth to matte transition; and identifying from the plurality of multimodal metallocene - catalyzed polyethylene samples individual multimodal metallocene- catalyzed polyethylene resins having a reduced tendency to melt fracture characterized by a magnitude of slip -stick greater than about 300 psi , a stress for smooth to matte transition greater than about 90 kPa , and a shear rate for smooth to matte transition greater than about 10 s.

No. of Pages: 94 No. of Claims: 64

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CAPACITIVE TRANSIMPEDANCE AMPLIFIER WITH OFFSET

:G01N27/62,H01J49/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) SMITHS DETECTION- WATFORD LIMITED :61/654426 (32) Priority Date :01/06/2012 Address of Applicant :64 Clarendon Road Watford (33) Name of priority country Hertfordshire WD17 1DA U.K. :U.S.A. (86) International Application No :PCT/GB2013/051460 (72) Name of Inventor: Filing Date :31/05/2013 1)FITZGERALD "John Patrick (87) International Publication No :WO 2013/179058

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

(57) Abstract:

Spectrometers including integrated capacitive detectors are described. An integrated capacitive detector integrates ion current from the collector (768) into a changing voltage. The detector includes a collector configured to receive ions in the spectrometer, a dielectric, and a plate arranged in an overlapping configuration with collector on an opposite side of the dielectric. The detector also includes an amplifier (764). A capacitive detector with offset (776) is described.

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

(21) Application No.10134/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: VESICULAR FORMULATIONS, USES AND METHODS

(51) International classification :A61K9/00,A61K9/127,A61K9/70 (71)Name of Applicant :

(31) Priority Document No :1208384.6 (32) Priority Date :14/05/2012

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

(86) International Application :PCT/EP2013/059740

:10/05/2013 Filing Date

(87) International Publication :WO 2013/171131

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

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

1)SEQUESSOME TECHNOLOGY HOLDINGS LTD Address of Applicant: Palazzo Pietro Stiges, 103 Strait Street,

Valletta VLT1436 Malta

(72) Name of Inventor: 1)GARRAWAY ,Richard Wolf

2)MAYO "John 3)HENRY, William

(57) Abstract:

The present invention relates to vesicular formulations for use in the topical administration of a biologically active agent, methods of administering a biologically active agent, a combined preparation comprising a vesicular formulation and a kit comprising a vesicular formulation.

No. of Pages: 67 No. of Claims: 14

(21) Application No.10135/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: VESICULAR FORMULATIONS KITS AND USES

(51) International classification	:A61K9/00,A61K9/127	(71)Name of Applicant:
(31) Priority Document No	:1208409.1	1)SEQUESSOME TECHNOLOGY HOLDINGS LTD
(32) Priority Date	:14/05/2012	Address of Applicant :Palazzo Pietro Stiges, 103 Strait Street,
(33) Name of priority country	:U.K.	Valletta VLT1436 Malta
(86) International Application No	:PCT/EP2013/059741	(72)Name of Inventor:
Filing Date	:10/05/2013	1)GARRAWAY, Richard Wolf
(87) International Publication No	:WO 2013/171132	2)MAYO ,John
(61) Patent of Addition to Application	:NA	3)HENRY ,William
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to compositions containing vesicular formulations, kits, methods of preparation thereof or uses thereof. The present invention provides improved combinations of formulations, for topical use.

No. of Pages: 68 No. of Claims: 17

:NA

:NA

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD, APPARATUS AND SYSTEM FOR CONTROLLING AN ELECTRICAL LOAD

(51) International classification: G01F1/10,H05B33/08,H05B37/02 (71) Name of Applicant: :2012902012 1)SCHNEIDER ELECTRIC SOUTH EAST ASIA (HQ) (31) Priority Document No (32) Priority Date :16/05/2012 PTE LTD Address of Applicant: 10 Ang Mo Kio Street 65, #01-01/03 (33) Name of priority country: Australia Techpoint, 569059 Singapore (86) International Application :PCT/AU2013/000503 (72) Name of Inventor: No :16/05/2013 1)BOORA, Arash Filing Date (87) International Publication 2)STELMACH, Aleksander Roman; :WO 2013/170300 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

Disclosed is a system ,apparatus and method for controlling an electrical load. A bypass device is provided in parallel with the electrical load, which in use, adopts a high conduction or low impedance state when a controller controlling the electrical load is in a low conduction or off state. In one embodiment, the bypass device comprises a detector for detecting the conduction state of the controller, and a bypass control for controlling the impedance of the bypass device in response to the detected state of the controller.

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

(21) Application No.10140/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: SURFACTANT SOLUTIONS CONTAINING N- METHYL- N -C 8- CI O- ACYLGLUCAMINES AND N -METHYL -N- C12-C14- ACYLGLUCAMINES

(51) International classification :A61K8/42,A61K8/34,A61Q5/02 (71) Name of Applicant :

(31) Priority Document No :10 2012 010 702.1

(32) Priority Date :30/05/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/061045

:29/05/2013 Filing Date

(87) International Publication No:WO 2013/178669

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)CLARIANT FINANCE (BVI) LIMITED

Address of Applicant: Rothausstr. 61, CH-4132 Muttenz

Switzerland

(72) Name of Inventor:

1)KLUG, Peter

2) SCHERL, Franz-Xaver 3)MILDNER, Carina 4) KEITZL, Eva- Maria

(57) Abstract:

The invention relates to a surfactant solution containing (a) 28 to 80 wt.- % of a mixture of (a1) 5 to 20 wt.- % of N -methyl N-Cs-Cio- acylglucamines, - (a2) 50 to 95 wt. - % of N -methyl- N- Cn- Cw- acylglucamines, components (a1) and (a2) adding up to 100 wt.- % (b) 0 to 20 wt.- % of one or more alcohols (c) 20 to 72 wt.- % of water, and (d) 0 to 5 wt.- % of additives, components (a), (b) , (c) and (d) adding up to 100 wt. - %.

No. of Pages: 18 No. of Claims: 8

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: COOLANT-CONTROL VALVE

(51) International classification :F01P7/16,F01P7/14,F16K31/04 (71)Name of Applicant :

(31) Priority Document No :2012126448 (32) Priority Date :01/06/2012

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2013/065236

Filing Date :31/05/2013 (87) International Publication No: WO 2013/180285

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)MIKUNI CORPORATION

Address of Applicant: 13-11, Sotokanda 6-chome, Chiyoda-

ku, Tokyo 1010021 Japan (72)Name of Inventor: 1)TSUCHIYA Toru

2)OIKAWA Takumi 3)KANESAKA Yoshiyuki

4)ANDO Satoshi

(57) Abstract:

Provided is a coolant- control valve which makes an efficient structure possible, and is capable of initialization learning using a stopper, by providing the interior of an actuator for powering a valve body with a stopper for initialization learning. This coolantcontrol valve is equipped with a rotor driven so as to control the flow of coolant for cooling an engine, a casing for housing a rotor, and a rotation-drive device (3) for driving the rotor. The control means of a rotation -drive device (3) has an initializationlearning function in the operating range of the rotor. The rotation -drive device (3) is equipped with a motor (33) and a decelerator (34). The operating range of the rotor is restricted by restricting the operating range of an output gear (41) among the power transmitting elements provided in the decelerator (34). In addition, an output gear groove (43) and a fixed -angle stopper (44) inserted into the groove (43) are provided as restriction means for use during initialization learning by the control means.

No. of Pages: 38 No. of Claims: 3

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR CONTINUOUSLY CASTING STEEL

(51) International classification :B22D11/128,B22D11/16,B22D11/20

(31) Priority Document No :2012169182 (32) Priority Date :31/07/2012

(32) Priority Date :31/07/2012 (33) Name of priority

country :Japan

(86) International :PCT/JP2013/004476

Application No Filing Date :23/07/2013

(87) International

Publication No :WO 2014/020860

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

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

(71)Name of Applicant:

1)JFE STEEL CORPORATION

Address of Applicant :2- 3 ,Uchisaiwai -cho ,2- chome

Chiyoda- ku ,Tokyo 1000011 Japan

(72)Name of Inventor:
1)ARAMAKI Norichika
2)OHNO Hiroyuki
3)TAWA Toshinori

4)IKAGAWA Toru 5)TOISHI Keigo

6)MIKI Yuji

(57) Abstract:

In the present invention, in continuous casting by intentionally bulging cast slabs and then reducing the cast slabs that have an unsolidified layer, cast slabs are bulged without causing a breakout thereof and without causing internal cracking of the solidifying shell, and center segregation in the cast slabs as well as positive segregation near the thickness center are reduced. The degree of roller opening of a cast slab support roller (6) is set to be the same as the value directly under a mold until the thickness of a solidifying shell (11) of a cast slab (10) reaches 15 mm, following which the degree of roller opening is increased in a stepwise manner to cause the cast slab to bulge, at a total amount of bulging of 3- 20 mm. Then, the degree of roller opening is set to a constant at a section of 0.5- 5.0 m on the downstream side in a casting direction and next the cast slab the solid phase ratio in the thickness center of which is 0.2- 0.9 is reduced at least once by a reduction roller (7) under conditions where the multiplication product of the reduction speed and the casting speed is 0.3- 1.0 mm·m/min.

No. of Pages: 70 No. of Claims: 4

(21) Application No.10143/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: GALLIUM NITRIDE TO SILICON DIRECT WAFER BONDING

(51) International :H01L33/00,H01L33/32,H01L21/02

classification

(31) Priority Document No :13/484542 (32) Priority Date :31/05/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/042380

:23/05/2013 Filing Date

(87) International Publication :WO 2013/181053

(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)CORNING INCORPORATED

Address of Applicant: 1 Riverfront Plaza, Corning, New York

14831 U.S.A.

2)USENKO, Alexander (72)Name of Inventor: 1)USENKO ,Alexander

(57) Abstract:

A direct wafer bonding process for joining GaN and silicon substrates involves pre- treating each of the wafers in an ammonia plasma in order to render the respective contact surfaces ammophilic. The GaN substrate and the silicon substrate may each comprise single crystal wafers. The resulting hybrid semiconductor structure can be used to form high quality, low cost LEDs.

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

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : OLIGONUCLEOTIDE SYNTHESIS METHOD USING HIGHLY DISPERSIBLE LIQUID PHASE 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 	:C07H21/04 :NA :NA :NA :PCT/JP2012/063921 :30/05/2012 :WO 2013/179412	(71)Name of Applicant: 1)HOKKAIDO SYSTEM SCIENCE CO.,LTD. Address of Applicant: 2-1,1- chome, Shinkawa Nishi 2jyo Kita- ku,Sapporo- shi,Hokkaido 0010932 Japan (72)Name of Inventor: 1)KIM Shokaku 2)MATSUMOTO Masanori
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

Provided is a nucleic acid synthesis method in which a highly dispersible liquid phase support is used, a reaction can proceed in a fluid (flow), and the coupling efficiency is improved. A method for synthesizing an oligonucleotide, which comprises a step of condensing and then oxidizing a nucleoside phosphoramidite compound in the presence of an acid azole complex compound using a hydrophobic -group- bound nucleoside represented by general formula (1) as a starting material, wherein the condensation reaction is carried out by dissolving the hydrophobic group bound nucleoside or a hydrophobic- group- bound oligonucleotide and a nucleoside phosphoramidite compound in a non-polar solvent in advance and then bringing the resultant solution into contact with an acid azole complex compound or a solution containing the acid azole complex compound.

No. of Pages: 61 No. of Claims: 5

(19) INDIA

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

(21) Application No.10145/DELNP/2014 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: ROTARY VALVE

(57) Abstract:

Provided is a rotary valve which uses a sealing member having a shape combining multiple functions. The rotary valve is equipped with a rotor (1) and a casing (2) having a rotor- storage space (2a) for storing the rotor (1). The rotor (1) is provided with a rotor opening (15) for serving as a channel for a coolant. Openings (25a, 26a) which are capable of connecting to the rotor opening (15) are provided at positions of the inner- circumferential surface of the rotor- storage space (2a) which face the outer-circumferential surface of the rotor (1). A sealing member (77) is positioned so as to extend from the openings (25a, 26a) to the rotor (1). A tip-contact part (80) of the sealing member (77) contacts the rotor (1) and is equipped with an inside-curved section (81). The inside-curved section (81) functions as a seal and as a spring, grows increasingly narrower on the inside in the direction toward the tip- end side thereof, and curves so as to fold back on itself.

No. of Pages: 49 No. of Claims: 5

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR ASSEMBLING EDUCATIONAL MATERIALS

:G06Q10/10,G06Q50/20 (71)Name of Applicant : (51) International classification 1)MACAT INTERNATIONAL LIMITED (31) Priority Document No :1210167.1 (32) Priority Date :08/06/2012 Address of Applicant: 96 Kensington High Street, London, (33) Name of priority country :U.K. W8 4SG U.K. (86) International Application No :PCT/GB2013/051454 (72) Name of Inventor: Filing Date :31/05/2013 1)KHALIL ,Salah Eldin Adel Youssef (87) International Publication No :WO 2013/182842 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An electronic system (1) and method for providing educational course materials comprising: rendering a graphical user interface (5) comprising a plurality of separately rendered connected screens on the display device (2) wherein: the rendered screens of the graphical user interface comprise active areas selectable using the user input means (21) to navigate between connected ones of the rendered screens; the rendered screens are connected in a structure corresponding to the data structure of the plurality of data items; and the rendered screens of the graphical user interface comprise active areas selectable using the user input means to enable user selection of data items from the plurality of data items; the method further comprising: using the user input means to select active areas of the rendered screens of the graphical user interface to navigate between connected ones of the rendered screens; using the user input means to select active areas of the rendered screens of the graphical user interface to select data items from the plurality of data items; and grouping the selected data items to form educational course materials.

No. of Pages: 83 No. of Claims: 15

:NA

:NA

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF PREPARING A COMPOSITION BASED ON HYALURONIC ACID

(51) International classification :C08B37/08,C08L5/08,A61K8/73 (71)Name of Applicant: (31) Priority Document No :61/660269 1)MERZ PHARMA GMBH & CO. KGAA (32) Priority Date :15/06/2012 Address of Applicant: Eckenheimer Landstrasse 100, 60318 Frankfurt am Main Germany (33) Name of priority country :U.S.A. (72) Name of Inventor: (86) International Application :PCT/EP2013/001782 1)BARG .Heiko :14/06/2013 Filing Date 2)FRIEDRICH, Josef (87) International Publication 3)LIEBETRAU, Wolfgang :WO 2013/185934 4) VOIGTS, Robert, G. (61) Patent of Addition to 5)LIGMAN, Tim ,Stephen :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

The invention relates to a method of preparing a composition, the composition comprising a crosslinked first polymer optionally a second polymer, which may be crosslinked or non-crosslinked, and water, wherein the first and the second polymer are selected from a polysaccharide, comprising at least steps (i) to (iv): (i) crosslinking a mixture comprising the first polymer and water; (ii) subsequent to the crosslinking in step (i), terminating the crosslinking; (iii) optionally blending the product obtained in step (ii) with the second polymer; (iv) subjecting the product obtained in step (iii) to dialysis.

No. of Pages: 59 No. of Claims: 15

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: A LOCKING AND PIVOTING LATCH FOR A FENCE SUPPORT POST

(51) International :E04H17/20,E01F13/00,E04G21/32 classification

(31) Priority Document No :61/654134 (32) Priority Date :01/06/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2013/000528

:31/05/2013

Filing Date

(87) International Publication :WO 2013/177682

(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)MELIC ,Jonathan J.

Address of Applicant: 30 Thorndyke Crescent, Whitby, Ontario

L1M 1G4 Canada (72) Name of Inventor: 1)MELIC, Jonathan J.

A support post comprising first and second elongate members, a ceiling engaging member at the upper end of the first elongate member and a floor engaging member at the lower end of the second elongate member. A spring biases the ceiling engaging member away from the upper end of the first elongate member. A lock maintains the spring in a compressed configuration. When in its unlocked position the lock releases the spring and permits it to apply a biasing force to the ceiling engaging member, urging the ceiling engaging member away from the upper end of the first elongate member. A latch is secured to the first elongate member and permits telescopic movement between the elongate members when said lock is in its locked position. The latch engages the second elongate member when the lock is in its unlocked position and resists relative telescopic movement between the elongate members.

No. of Pages: 71 No. of Claims: 49

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: METHODS AND APPARATUS TO COLLECT DISTRIBUTED USER INFORMATION FOR MEDIA IMPRESSIONS AND SEARCH TERMS

(51) International classification :G06F17/00,G06F17/3(31) Priority Document No :61/695169 (32) Priority Date :30/08/2012 (33) Name of priority country :U.S.A. (86) International Application No Filing Date :28/08/2013

(87) International Publication No :WO 2014/036119

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

:G06F17/00,G06F17/30 (71)Name of Applicant :

1)THE NIELSEN COMPANY (US) LLC

Address of Applicant :150 North Martingale Road,

Schaumburg, Illinois 60173 U.S.A.

(72) Name of Inventor:

1)BURBANK "John R.

2)ALLA, Madhusudhan Reddy

(57) Abstract:

Disclosed examples involve decoding information from a mobile device into a plurality of encrypted identifiers identifying at least one of the mobile device or a user of the mobile device, sending ones of the encrypted identifiers to corresponding database proprietors, receiving a plurality of user information corresponding to the ones of the encrypted identifiers from the corresponding database proprietors, and associating the plurality of user information with at least one of a search term collected at the mobile device or a media impression logged for media presented at the mobile device.

No. of Pages: 57 No. of Claims: 36

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA

:G06F17/00,G06F15/16 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)THE NIELSEN COMPANY (US) LLC :61/658233 (32) Priority Date :11/06/2012 Address of Applicant: 150 North Martingale Road, (33) Name of priority country Schaumburg, Illinois 60173 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/045211 1)SETH, Amit Filing Date :11/06/2013 (87) International Publication No :WO 2013/188429 2) SHIVAMPET, Brahmanand Reddy (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods and apparatus to share online media impression data are disclosed. An example method includes sending a response to a request, the response including an identification of a first cookie used by an audience measurement entity and an indication of a database proprietor, and receiving a mapping of the first cookie to a second cookie used by the database proprietor and demographic information associated with the second cookie by the database proprietor.

No. of Pages: 80 No. of Claims: 74

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHODS AND APPARATUS TO CORRELATE CENSUS MEASUREMENT DATA WITH PANEL **DATA**

:H04N21/258,H04N21/25 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/815544 (32) Priority Date :24/04/2013

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

(86) International Application No :PCT/US2014/035332 Filing Date :24/04/2014

(87) International Publication No :WO 2014/176443

(61) Patent of Addition to Application

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

1)THE NIELSEN COMPANY (US) LLC

Address of Applicant: 150 North Martingale Road,

Schaumburg ,Illinois 60173 U.S.A.

(72) Name of Inventor:

1)MCMILLAN F., Gavin

(57) Abstract:

Methods, apparatus, systems and articles of manufacture are disclosed to correlate census measurement data with panel data. An example method disclosed herein includes instructing via a first computing device of a monitoring entity, a media provider to embed a tag in media, the tag to cause a device accessing the media to send a message to the monitoring entity when the media is accessed by the device, the message to identify a geographic location of the device. The example method also includes accessing the message with a second computing device of the monitoring entity. The example method also includes identifying, with the second computing device of the monitoring entity, a panelist identifier based on the geographic location of the device. The example method also includes associating media identifying information included in the message with panelist data associated with the panelist identifier.

No. of Pages: 57 No. of Claims: 61

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: EMISSION DEVICE FOR EMITTING A LIGHT BEAM OF CONTROLLED SPECTRUM

(51) International classification (31) Priority Document No	:G01J3/10,G01J3/32,G01J3/42 :1201353	(71)Name of Applicant: 1)ARCHIMEJ TECHNOLOGY
(32) Priority Date	:09/05/2012	Address of Applicant :GENOPOLE CAMPUS 1 Btiment 8
(33) Name of priority country	:France	Aile D, 5 rue Henri Desbru res, F -91000 Evry France
(86) International Application No	:PCT/FR2013/050957	(72)Name of Inventor:
Filing Date	:30/04/2013	1)NCIRI, Mejdi
(87) International Publication No	:WO 2013/167824	•
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns an emission device (1) for emitting a light beam of controlled spectrum. The emission device comprises: at least two separate light sources (Si to N) each emitting a light beam of wavelength $\lambda 1$ or XI, and - spectral multiplexing means (25). The spectral multiplexing means (25) comprise an optical assembly (25) formed from at least one lens (25) and/or an optical prism. The optical assembly (25) has chromatic dispersion properties and moves the light beams spatially closer together. Moreover, each light beam having at least wavelength $\lambda 1$ or $\lambda 2$ propagates in free space from the corresponding light source (Si to N) to the optical assembly (25). Therefore the emission device (1) is particularly robust. It can have small dimensions and be produced at low cost.

No. of Pages: 43 No. of Claims: 15

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOZZLE TOUCH MECHANISM AND INJECTION MOLDING MACHINE

:B29C45/20,B29C45/07 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TOSHIBA KIKAI KABUSHIKI KAISHA :2012151607 (32) Priority Date :05/07/2012 Address of Applicant :2-2, Uchisaiwaicho 2- chome (33) Name of priority country Chiyoda- ku, Tokyo 1008503 Japan :Japan (72) Name of Inventor: (86) International Application No :PCT/JP2013/068371 1)KITTA Hideaki Filing Date :04/07/2013 (87) International Publication No :WO 2014/007329 2)KASAI Toshihiro (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The nozzle touch mechanism (50) is provided with a base frame (6), a stationary platen (4), a mold (5), and an injection mechanism (1). The injection mechanism (1) is moved in the direction of the stationary platen (4) by means of a ball screw shaft (11). A motor unit (14) for applying a pressing force on the mold (5) from the nozzle (3) is connected to one end (11a) of the ball screw shaft (11). A connection mechanism (7), which is connected to the other end (11b) of the ball screw shaft (11) and is connected to the stationary platen (4) at a supported point located above the center of the nozzle (3), is provided. Springs (18) make it possible to press the connection mechanism (7) with respect to the base frame (6) in the direction away from the stationary platen (4) when no pressing force is being applied by the motor section (14) on the mold (5) from the nozzle (3).

No. of Pages: 53 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROTARY VALVE

(51) International classification :F16K5/04 (71)Name of Applicant: 1)MIKUNI CORPORATION (31) Priority Document No :2012118977 (32) Priority Date Address of Applicant: 13-11, Sotokanda 6-chome, Chivoda-:24/05/2012 (33) Name of priority country ku. Tokyo 1010021 Japan :Japan :PCT/JP2013/064415 (72)Name of Inventor : (86) International Application No Filing Date :23/05/2013 1)OIKAWA Takumi (87) International Publication No :WO 2013/176234 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.10152/DELNP/2014 A

(57) Abstract:

Provided is a rotary valve which uses a sealing member having a shape combining multiple functions, and is capable of preventing a positional shift in the circumferential direction of the sealing member. The rotary valve is equipped with a rotor (1), and a casing (2) having a rotor storage space (2a) for storing the rotor (1). The rotor (1) is provided with a rotor opening (15) for serving as a channel for a coolant. Openings (25a, 26a) which are capable of connecting to the rotor opening (15) are provided at positions of the inner-circumferential surface of the rotor-storage space (2a) which face the outer-circumferential surface of the rotor (1). A sealing member (77) is positioned so as to extend from the openings (25a, 26a) to the rotor (1). A tip-contact part (80) of the sealing member (77) contacts the rotor (1) and functions as a seal and as a spring. The sealing member (77) is equipped with a rotation-preventing part (85) which is positioned and prevents rotation through engagement of a positioning part (28) provided in the openings (25a 26a).

No. of Pages: 58 No. of Claims: 2

(21) Application No.10153/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: ROTARY VALVE

(51) International classification: F16K11/085,F01P7/16,F16K5/04 (71) Name of Applicant:

:28/05/2013

(31) Priority Document No :2012125530 (32) Priority Date :31/05/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/064695

Filing Date

(87) International Publication :WO 2013/180090

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

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

(57) Abstract:

1)MIKUNI CORPORATION

Address of Applicant: 13-11, Sotokanda-6-chome, Chivoda-

ku, Tokyo 1010021 Japan (72)Name of Inventor: 1)TSUCHIYA Toru

2)OIKAWA, Takumi 3)KANESAKA, Yoshiyuki 4)DAIKUHARA, Masayuki

Provided is a rotary valve which is easy to make smaller, and is capable of suppressing an increase in size even when a plurality of inflow ports or a plurality of outflow ports are provided. This rotary valve is equipped with a rotor (1) and a casing (2) for housing the rotor (1). The casing (2) is equipped with a rotor -housing space (2a) for rotatably housing the rotor (1). A location facing the outercircumferential surface of the rotor (1) is provided with an inflow -side opening (23a) for allowing a fluid to flow into the rotorhousing space (2a) from the exterior and two outflow- side openings (25a, 26a) for allowing a fluid to flow out to the exterior from the rotor-housing space (2a). The rotor (1) is formed in a cylindrical shape having an interior space, and the end surface of the rotor (1) is equipped with an end -surface- side opening (14) which connects to the interior space. The outer- circumferential surface of the rotor (1) is equipped with a rotor- outer- circumferential opening (15) and a rotor-outer- circumferential closing surface (16) which open and close the outflow-side openings (25a, 26a) of the casing (2).

No. of Pages: 46 No. of Claims: 3

(21) Application No.10155/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: ENGINE CONTROL UNIT

(51) International classification: B60R16/02,H05K1/02,H05K1/18 (71)Name of Applicant:

:28/05/2013

(31) Priority Document No :2012125515 (32) Priority Date :31/05/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/064696

Filing Date

(87) International Publication :WO 2013/180091

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

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

1)MIKUNI CORPORATION

Address of Applicant: 13-11, Sotokanda 6- chome, Chiyoda-

ku. Tokyo 1010021 Japan (72) Name of Inventor:

1)TSUJI, Ichiro

2)YAMAZAKI Ryuichi 3)KOGA Yoshitaka

(57) Abstract:

Provided is an engine control unit capable of suppressing the occurrence of problems caused by water, chemicals, vibrations, heat, noise, and the like. An ECU is equipped with a substantially rectangular printed circuit board (1) on which a microcomputer (21) is installed. One lateral edge section of the printed circuit board (1) along the lengthwise direction thereof is equipped with a connector unit (2) in which connection terminals (5) are arranged. The connection terminals of the connector unit (2) are arranged in a manner such that input connection terminals (5a) are located on one side of a setting position in the lengthwise direction while output connection terminals (5b) are located on the other side thereof. The printed circuit board (1) has the microcomputer positioned in the substantially center section in the lengthwise direction thereof. An electronic component is positioned on one side in the lengthwise direction as an input interface circuit (22), and another electronic component is positioned on the other side as an output interface circuit (23).

No. of Pages: 37 No. of Claims: 3

(21) Application No.10176/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: PLUNGER

 (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 	:F01L1/14 :102012211852.7 :06/07/2012 :Germany :PCT/EP2013/060714 :24/05/2013 :WO 2014/005764 :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG Address of Applicant: Industriestrae 1 -3, 91074 Herzogenaurach Germany (72)Name of Inventor: 1)DORN, Stefan 2)GEYER, Norbert
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A plunger (1) for a high- pressure fuel pump is proposed, having a housing (2) which is similar to a tube and in the drive- side annular face (3) of which two flats (5) lie diametrically opposite one another which are indented from an outer shell (4) of the housing (2) and in which a pin (7) is mounted which supports a roller, wherein an inner shell (8) of the housing (2) is penetrated axially below the roller by a separate bridge piece (9), the lower face (10) of which acts as a rest for a pump piston in the case of an output- side annular face (11) of the housing (2), wherein the bridge piece (9) is fixed against rotation about an axial line of the housing (2) and is configured as a thick- walled longitudinal beam, with the result that an area (13) in the manner of a cylindrical segment remains between the longitudinal walls (12) of said longitudinal beam and the inner shell (8) of the housing (2) wherein in order to fix the bridge piece (9) against rotation about the axial line of the housing (2), in the circumferential section of the inner shell (8) of the housing (2), in a first transverse wall (14) of the bridge piece (9), at least one projection (15) protrudes from one of the components (8,14), which projection (15) is seated in a respectively complementary recess (16) of the respective other one of the components (14,8).

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

(21) Application No.10177/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: TOGGLE LEVER

 (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 	:23/05/2013 :WO 2014/005761 :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG Address of Applicant :Industriestrae 1 -3, 91074 Herzogenaurach Germany (72)Name of Inventor: 1)GR-TSCH, Andreas
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Toggle lever for operating at least one gas exchange valve in an internal combustion engine, comprising an oblong main body (2), which has two side walls (4, 5) connected by a crossbar (3), wherein a first end section (5) of the main body (2) has a thrust face (9) for a cam and a second end section (8) of the main body (2) has a contact surface (13) for a valve shaft end of the gas exchange valve, and wherein a section (7) near the centre has a bearing (15) for a toggle lever axle, wherein the main body (2) has a cross-section resembling an inverted U, and wherein the crossbar (3) on an upper side in the section (7) near the centre has a half shell shaped recess (16), which runs transversely, to represent the bearing (15) for the toggle lever axis and wherein the side walls (4, 5) run towards each other in an arc in the area of the section (7) near the centre beneath the half-shell shaped recess (16) and are firmly connected to one another at the apex (17).

No. of Pages: 13 No. of Claims: 5

(19) INDIA

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

(21) Application No.10178/DELNP/2014 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: FRICTION CLUTCH 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 	:F16D13/58 :10 2012 215 199.0 :28/08/2012 :Germany :PCT/DE2013/200107 :07/08/2013 :WO 2014/032663 :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG Address of Applicant: Industriestrae 1-3, 91074 Herzogenaurach Germany (72)Name of Inventor: 1)KOTLJAROW, Valeri
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a friction clutch device, in particular for a powertrain of a motor vehicle driven by an internal combustion engine having a rotational axis; a pressure plate; at least one contact plate which can be moved relative to the pressure plate in the direction of extension of the rotational axis to a limited degree for actuation purposes and which comprises a groove; and a spring device for urging the at least one contact plate by means of a spring washer, which is arranged in the groove, and a plate spring, said spring washer forming a bearing for the plate spring in order to improve the design and/or function of the friction clutch device.

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

(21) Application No.10179/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: DUAL CLUTCH

Filing Date (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(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	1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG Address of Applicant :Industriestrae 1- 3, 91074
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(57) Abstract:

The invention relates to a dual clutch for coupling a drive shaft of a motor vehicle engine to a transmission shaft of a motor vehicle transmission and/or a power takeoff of the motor vehicle, in particular an output shaft, comprising a first friction clutch (12) for frictional compression of a first clutch disc (16), which can be coupled to the transmission shaft, between a first pressure plate (18) and a first counter- plate (20), wherein the first pressure plate can be displaced in an axial direction for closing the first friction clutch, also comprising a second friction clutch (14) for compression of a second clutch disc (24) which can be coupled to the power takeoff, between a second pressure plate (26) and a second counter -plate (28,) wherein the second pressure plate can be displaced in the axial direction for closing the second friction clutch, and also comprising a first actuating element (22) for displacing the first pressure plate and a second actuating element (30) for displacing the second pressure plate, wherein the second pressure plate is connected to a thrust collar operatively connected to the second actuating element for transmission of the displacement movement. According to the invention the second actuating element has at least one spring element (34) for preloading, wherein the at least one spring element is disposed between the second actuating element and the thrust collar. In this way a reduction of the pressing force can be avoided in the event of wear and the dependence upon tolerances of the pressing force and engaging force can be reduced.

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

(21) Application No.10180/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: FEEDING DEVICE FOR PACKAGING MACHINE

(51) International classification :B65B35/30,B65B35/44,B65B63/02

(31) Priority Document No :102012210329.5

(32) Priority Date :19/06/2012(33) Name of priority country :Germany

(86) International Application :PCT/EP2013/059225

No :03/05/2013

Filing Date
(87) International Publication: WO 2013/189656

No

(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)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20, 70442 Stuttgart

Germany

(72)Name of Inventor:1)LANDHOLT ,Markus2)KATHAN, Philipp3)WANNER ,Hansruedi

4)HURNI, Marc 5)WIPF, Alfred

The invention relates to a feeding device for feeding products (12a- k) and/or stacks of products (14a- k) to a packaging process of a packaging machine (16a, 16d -k), in particular of a horizontal tube packaging machine, comprising a guide unit (22a- k) which is disposed as a closed loop (18a, 18c- k) and on which a plurality of arranged conveyor elements (22a- k) are arranged so as to be drivable mutually independently in a speed - and/or position- controlled manner at least along at least one working section (24a, 24c - d, 24f- k) of the guide unit (20a- d, 20f- k). At least one conveyor element (22a- k) has a holder (26a- k) and at least one conveyor element (22a - k) that follows contrary to a conveying direction (28a, 28c - k) has a counter holder (30a- k).

No. of Pages: 35 No. of Claims: 12

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: VARIABLE PITCH RESISTANCE COIL HEATER

 (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 	:H05B3/48 :13/481667 :25/05/2012 :U.S.A. :PCT/US2013/042181 :22/05/2013 :WO 2013/177257	(72)Name of Inventor: 1)LONG ,Dennis, P.
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2013/177257 :NA :NA	1)LONG ,Dennis, P. 2)JULIANO, Rolando ,O.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A heater is provided that includes a resistance coil assembly defining a first end portion having a first conducting pin and a second end portion having a second conducting pin , and a resistance coil disposed between the first end portion and the second end portion , the resistance coil defining a plurality of different pitches between the first end portion and the second end portion. An insulating material surrounds the resistance coil assembly , and a sheath surrounds the insulating material. The plurality of different pitches provide a variable watt density such that a predetermined temperature profile is provided along the sheath.

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

(21) Application No.10184/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: DATA ENCODING FOR MODELING THE SPECTRUM OF A GFSK SIGNAL

(51) International :H04L25/49,H04L27/12,H03M5/00

classification .1104L25/49,1104L27/12,1105IVI5/00

:WO 2013/178734

(31) Priority Document No:1255030(32) Priority Date:31/05/2012(33) Name of priority country:France

(86) International Application :PCT/EP2013/061169

No :30/05/2013

Filing Date

(87) International Publication

(61) Patent of Addition to Application Number :NA

Application Number
Filing Date

(62) Divisional to Application

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

Fining Date

(71)Name of Applicant:

1)SAGEM DEFENSE SECURITE

Address of Applicant: Le Ponant de Paris, 27 rue Leblanc, F-

75015 Paris France (72)Name of Inventor: 1)CHIODINI, Alain

(57) Abstract:

The invention relates according to a first aspect to a method for encoding data with a view to the transmission thereof over a communication channel implementing a one to one conversion of a binary sequence of P bits representing an integer x into K sequences of N information units wherein each unit can have a plurality of states N being no lower than P. According to said one to one conversion starting from a sequence of N information units having the same state M information units from among the N information units are modified in accordance with the value of the integer x so as to adopt a different state M being defined such that the number of permutations of M in N is at least equal to (I).

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

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD FOR SELECTING NODES ACTING AS MULTIPOINT RELAYS

:H04W40/12,H04L12/701 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1254941 (32) Priority Date :29/05/2012 (33) Name of priority country :France

(86) International Application No :PCT/EP2013/061025

Filing Date :29/05/2013 (87) International Publication No :WO 2013/178659

(61) Patent of Addition to Application :NA

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

1)SAGEM DEFENSE SECURITE

Address of Applicant: Le Ponant de Paris, 27 rue Leblanc, F-

75015 Paris France (72) Name of Inventor: 1) CHIODINI, Alain

(57) Abstract:

The invention relates to a communication method in a communication system comprising communication nodes forming a mesh network in which each node periodically transmits, via a shared transmission resource accessible, to ail the nodes an adjacent network discovery message to said adjacent nodes, in order to detect the links that interconnect them, each node listening to the medium used to hold the shared transmission resource in order to determine whether said medium is free, nodes of a subassembly of the mesh network nodes being used as exclusive relays for the propagation of topological data distribution messages characterized by the steps involving, for each node: detecting collisions with the medium while listening; the calculation of a metrics from the number of collisions detected; writing the metrics in a first field of the adjacent network detection message that the node transmits; receiving the adjacent network detection message originating from the adjacent nodes thereof; comparing the metrics thereof to the metrics of the adjacent nodes thereof; and adding a node to said subassembly depending on the result of the comparison.

No. of Pages: 14 No. of Claims: 12

(21) Application No.10170/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SHAPED ABRASIVE PARTICLES AND METHODS OF FORMING SAME

(51) International classification :B24D3/14,C09K3/14,C09 (31) Priority Document No :61/650673 (32) Priority Date :23/05/2012 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2013/042502

Filing Date :23/05/2013 (87) International Publication No :WO 2013/177446

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

(62) Divisional to Application
Number :NA

Filing Date :NA

:B24D3/14,C09K3/14,C09C1/68 (71)Name of Applicant :

1)SAINT GOBAIN CERAMICS & PLASTICS, INC. Address of Applicant :One New Bond Street, Worcester

.Massachusetts 01615 -0138 U.S.A.

(72)Name of Inventor: 1)BAUER, Ralph 2)BARNES, Martin 3)DEMERS, Rene G.

4)SKOWRON, Margaret L.

(57) Abstract:

A method of forming a shaped abrasive particle includes applying a mixture into a shaping assembly within an application zone and directing an ejection material at the mixture in the shaping assembly under a predetermined force, removing the mixture from the shaping assembly and forming a precursor shaped abrasive particle.

No. of Pages: 69 No. of Claims: 175

(21) Application No.10171/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: HEAT ISOLATING ACTUATOR LINKAGE

:WO 2013/173057

(51) International classification :F02B39/00,F02B37/00,F02B39/16

(31) Priority Document No :61/648157 (32) Priority Date :17/05/2012

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

(86) International Application :PCT/US2013/038978

No :01/05/2013

Filing Date

(87) International Publication

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

Filing Date

(62) Divisional to Application

NA

NA

NA

Number :NA

Filing Date (57) Abstract :

(71)Name of Applicant:
1)BORGWARNER INC.

Address of Applicant :Patent Department, 3850 Hamlin Road,

Auburn Hills, Michigan 48326 U.S.A.

(72)Name of Inventor: 1)KING ,Mathew 2)MORGAN, Eli

3)ALAJBEGOVIC, Vahidin

A heat isolating actuator linkage (805, 905) that includes a rod end housing (810, 910) including a bearing opening (814, 914) with a rod end ball (812, 912) disposed therein. A race insert (816, 916) is disposed between the rod end housing (810, 910) and the rod end ball (812, 912). A threaded portion (818, 918) extends from the rod end housing (810, 910) and may comprise male or female threads. A shield (830, 930) extends from the rod end housing (810, 910). The shield (830, 930) is integrally formed with the rod end housing (810, 910). The shield (830, 930) extends around a majority of the rod end housing (810, 910) and may extend to one side of the bearing opening (814, 914). Alternatively, a first portion (932) of the shield may extend towards one side of the bearing opening (914) and a second portion (932) of the shield may extend towards the other side.

No. of Pages: 16 No. of Claims: 15

(21) Application No.10172/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: HEAT ISOLATING VTG LEVER AND LINKAGE

(51) International classification :F02B39/00,F02B37/00,F02B39/16

:NA

(31) Priority Document No :61/648144 (32) Priority Date :17/05/2012

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

(86) International Application :PCT/US2013/038972

No Filing Date :01/05/2013

(87) International Publication

:WO 2013/173056

(61) Patent of Addition to Application Number :NA

Filing Date
(62) Divisional to Application
Number
:NA

Number Filing Date (71)Name of Applicant: 1)BORGWARNER INC.

Address of Applicant :Patent Department, 3850 Hamlin Road,

Auburn Hills Michigan 48326 U.S.A.

(72)Name of Inventor:

1)HEDDY III ,George Edward 2)HANDLON ,Brian Edward

(57) Abstract:

A heat isolating linkage (5) that includes an elongate link having first and second end portions (10, 12) and a middle portion (14) extending therebetween. A bearing opening (16) is formed in the first end portion (10) and a bearing race (18) is disposed in the bearing opening (16). A rod end ball (20) is disposed in the bearing race (18). At least one aperture (30-36) is formed through the middle portion (14). The middle portion (14) may include a plurality of apertures (30-36) each in the form of a rectangle that forms a ladder pattern. Accordingly, the middle portion (14) has a cross sectional area (A2) that is smaller than the cross sectional area of at least one of the first and second end portions (A1, A3).

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

(21) Application No.10173/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: FISHING APPARATUS

(51) International :A01K91/047,A01K91/053,A01K91/06 classification

:17/05/2012

:U.K.

:NA

(31) Priority Document

:1208665.8

(32) Priority Date (33) Name of priority

country

(86) International

:PCT/GB2013/000220 Application No

:15/05/2013 Filing Date

(87) International

:WO 2013/171443 Publication No

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

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

Application Number Filing Date

(71)Name of Applicant:

1)CURD, Jonny

Address of Applicant :33 Allenford House, Tunworth

Crescent, Roehampton, London SW14 4PG U.K.

2)WIMBLEDON Craig

(72)Name of Inventor:

1)CURD Jonny

2) WIMBLEDON, Craig

(57) Abstract:

The fishing apparatus (1) includes a body (20) and at either end of the body there is a first length (21a) and a second length (21b) of a line with hooks (23a, 23b) on respective ends. If a fish bites one of the hooks then the other hook is pulled into a receiving member (30a, 30b) so that the hook that has not been bitten is covered so the fish that is hooked will not be damaged.

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

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METAMATERIAL DEVICES AND METHODS OF USING THE SAME

(51) International classification :H01Q15/00,H01Q3/22,G01S13/89

(31) Priority Document No :61/644736

(31) Priority Document No :61/644736 (32) Priority Date :09/05/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/040444

Filing Date :09/05/2013

(87) International Publication WG 2014/025

No :WO 2014/025425

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

(62) Divisional to Application
Number
:NA

Filing Date (57) Abstract :

(71)Name of Applicant: 1)DUKE UNIVERSITY

Address of Applicant :2812 Erwin Road, Suite 306, Durham,

NC 27705 U.S.A. (72)Name of Inventor:

1)SMITH ,David ,R. 2)BRADY ,David 3)DRISCOLL, Tom 4)HUNT, John

5)REYNOLDS ,Matthew 6)MARKS ,Daniel

7)MROZACK, Alexander

Metamaterial devices and methods of using the same are disclosed. According to an aspect, a method comprises illuminating a scene with one or more illumination field patterns; observing the illuminated scene with one or more measurement field patterns; and reconstructing an image of the observed scene using a compressive imaging algorithm; wherein the illumination field patterns and/or the measurement field patterns correspond to radiation patterns of a metamaterial aperture antenna. The metamaterial aperture antenna is a leaky wave antenna on substrate. Therefore a compact imager can be built at low production cost. The imager avoids mechanical scanning and delicate conventional optics, expensive phased -array electronics and allows widespread inconspicuous deployment over a wide range of security scenarios.

No. of Pages: 78 No. of Claims: 188

(21) Application No.10195/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROCKER ARM

 (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 	:29/05/2013 :WO 2014/019735 :NA :NA	 (71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG Address of Applicant: Industriestrae 1-3, 91074 Herzogenaurach Germany (72)Name of Inventor: 1)GR-TSCH, Andreas 2)FRIEDRICH, Bernd 3)ZIELINSKI, Claudia
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a rocker arm for actuating at least one gas exchange valve in an internal combustion engine, comprising an elongated main body (2) having two side walls (4,5) connected by a crossbar (3), wherein a first end section (6) of the main body (2) has a thrust face (10) for a cam and a second end section (8) of the main body (2) has a contact surface (14) for a valve stem end of the gas exchange valve. The side walls (4,5) have bores (19) in a section (7) near the centre for pivotably movable mounting on a rocker arm shaft, the main body (2) has a profile in the shape of an inverted U, the crossbar (3) has a roof-like elevation (17) in the section (7) near the centre, the crossbar (2) having at least one oil passage opening (18) in its longitudinal centre section (7a) and a sleeve (20) mounted in the bores (19) via which the rocker arm can be directly mounted on the rocker arm shaft.

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: MENTOR TUNED GUIDED LEARNING IN ONLINE EDUCATIONAL SYSTEMS

(51) International classification	:G06Q50/20	(71)Name of Applicant:
(31) Priority Document No	:61/647989	1)AGE OF LEARNING INC.
(32) Priority Date	:16/05/2012	Address of Applicant :101 N. Brand Blvd. Suite 870 Glendale
(33) Name of priority country	:U.S.A.	CA 91203 U.S.A.
(86) International Application No	:PCT/US2013/041230	(72)Name of Inventor:
Filing Date	:15/05/2013	1)DOHRING Doug
(87) International Publication No	:WO 2013/173508	2)MCCAFFREY William
(61) Patent of Addition to Application	:NA	3)YOST Stephanie
Number	:NA	4)HENDRY David
Filing Date	.IVA	5)BORTH Lee
(62) Divisional to Application Number	:NA	6)DROBNACK Nathan
Filing Date	:NA	

(57) Abstract:

Computer based systems methods media and educational system assembling platforms comprising an educational environment which further comprises: at least one area of skill interest or expertise; a population of learning activities associated with each area of skill interest or expertise; and a guided learning mode comprising: a software module configured to display and provide access to one or more subpopulations of learning activities to be completed by a learner; a software module configured to suggest or recommend one or more particular learning activities to a learner based on analysis of learner data; and a software module configured to allow a mentor to view and tune learner data on which suggestions or recommendations are based.

No. of Pages: 48 No. of Claims: 18

(21) Application No.10423/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELEVATOR ROPE SWAY 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 Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road Farmington Connecticut 06032 U.S.A. (72)Name of Inventor: 1)ROBERTS Randall Keith 2)COPELAND George Scott 3)CHRISTY Theresa M.
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(57) Abstract:

A method of operating an elevator system includes detecting a building sway which causes sway of elevator suspension or compensation members. An elevator control system is switched into a building sway mode and operation of one or more elevator cars of the elevator system is changed via the building sway mode to mitigate vibratory effects of the building sway on the one or more elevator cars.

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ANIMAL EXCREMENT DISPOSAL 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 	:A01K1/015 :2012125379 :31/05/2012 :Japan :PCT/JP2013/064956 :29/05/2013 :WO 2013/180190 :NA :NA :NA	(71)Name of Applicant: 1)UNICHARM CORPORATION Address of Applicant:182 Shimobun Kinsei cho Shikokuchuo shi Ehime 7990111 Japan (72)Name of Inventor: 1)TAKAHASHI Yumei 2)SASANO Yasuhiro 3)MATSUO Takayuki
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(57) Abstract:

In order to improve the product image of this scented animal excrement disposal sheet the product image evoked by the scent of this scented animal excrement disposal sheet is made easily recallable by consumers from the outer appearance of the product. This animal excrement disposal sheet (10) is provided with a liquid permeable top sheet (20) a liquid impermeable back sheet (30) and an absorbent body (40) arranged between the top sheet (20) and the back sheet (30). A scent component is attached to the top sheet (20) or the absorbent body (40). On the top sheet (20) or the absorbent body (40) recall information (50) is displayed which comprises colors figures and/or letters by which the scent component can be recalled and the recall information (50) is visible from the side of the back sheet (30).

No. of Pages: 41 No. of Claims: 12

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: FOLDING ANIMAL EXCREMENT DISPOSAL SHEET

(51) International classification	:A01K1/015	(71)Name of Applicant:
(31) Priority Document No	:2012125380	1)UNICHARM CORPORATION
(32) Priority Date	:31/05/2012	Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo
(33) Name of priority country	:Japan	shi Ehime 7990111 Japan
(86) International Application No	:PCT/JP2013/064955	(72)Name of Inventor:
Filing Date	:29/05/2013	1)TAKAHASHI Yumei
(87) International Publication No	:WO 2013/180189	2)SASANO Yasuhiro
(61) Patent of Addition to Application	:NA	3)MATSUO Takayuki
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an animal excrement disposal sheet having a product image evoked by a scent and easily recognizable by consumers. This animal excrement disposal sheet (10) is a folding animal excrement disposal sheet (1) and is provided with an outer periphery joining part (13) comprising a liquid permeable top sheet (20) and a liquid impermeable back sheet (30) bonded together and with a central absorbing part (14) comprising an absorbent body (40) arranged between the top sheet (20) and the back sheet (30). A scent component is attached to the top sheet (20) and/or the absorbent body (40). This folding animal excrement disposal sheet (10) is formed by folding along a folding line parallel to first bilateral edges (11) such that the top sheet (20) is not exposed on the outer surface temporarily bonding multiple outer periphery binding parts (13) configuring second bilateral edges (12) after said folding and forming a pair of temporary binding parts (50) on both sides.

No. of Pages: 47 No. of Claims: 11

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR REGENERATING BONE TISSUE UNDER EXPERIMENTAL CONDITIONS

(51) International classification :A61K31/185,A61K33/00,A61P19/08

(31) Priority Document No :2012119192 (32) Priority Date :10/05/2012

(33) Name of priority :Russia

country

(86) International :PCT/RU2013/000366

Application No Filing Date :26/04/2013

(87) International

Publication No :WO 2013/169146

(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)DEVYATOV Fedor Vladimirovich

Address of Applicant :ul. X. Bigicheva 23 9 Kazan 420025

Russia

(72)Name of Inventor:

1)DEVYATOV Fedor Vladimirovich

(57) Abstract:

The invention relates to the treatment of different bone injuries, particularly fractures and fissure fractures, and can be used in medical and veterinary therapy and surgery. In order to reduce the time taken for bone tissue to regenerate at the site of damage or a defect and to reduce the time taken for the normal physiological functioning of an injured bone to be restored, a method is used for regenerating bone tissue by fixing fragments of the damaged bone with a plaster cast or a bandage made of a polymer material and introducing into the fracture zone an aqueous solution containing 1-hydroxyethylidene diphosphonic acid in a n amount of (1.80-2.06) g/1, anhydrous calcium chloride in an amount of (1.44-2.22) g/1, gadolinium (III) nitrate hexahydrate in an amount of (0.30-0.40) g/1 and dysprosium (III) chloride hexahydrate in an amount of (0.038-0.076) g/1, with a pH of (7.3-7.8), wherein, prior to being introduced into the fracture zone, the above solution is brought to a temperature of (30-100)°C, is held at this temperature for (1-48) hours and is then cooled to room temperature. As a result, there is a significant (20-25%) reduction in the time taken for bone tissue to regenerate at the injury site, irrespective of the type of animal which has sustained the injury. The abovementioned solution for injection has low toxicity and good storage properties and can be kept for an extended period of time without loss of activity.

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

(21) Application No.10432/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHODS OF MAPPING RETRANSMISSIONS RESPONSIVE TO BUNDLED NACK MESSAGES AND RELATED DEVICES FOR MULTI LAYER MIMO TRANSMISSION

:H04L1/00,H04L1/18,H04L1/16 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/659793 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant :SE 164 83 Stockholm Sweden :14/06/2012 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No: PCT/SE2013/050614 1)NAMMI Sairamesh Filing Date :29/05/2013 2)LIDIAN Namir (87) International Publication No: WO 2013/187824 3) JONSSON Anders (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A method of operating a node of a MIMO network may include transmitting first and second HARQ IDs over a downlink signaling channel to a wireless terminal for a first MIMO TTI. The first HARQ ID is mapped to a first MIMO layer and the second HARQ ID is mapped to second and third MIMO layers. First second and third data blocks are transmitted over the first second and third MIMO layers to the wireless terminal for the first MIMO TTI. Responsive to receiving an ACK message associated with the first HARQ ID a fourth data block is transmitted over the first MIMO layer to the wireless terminal for a second MIMO TTI. Responsive to receiving a NACK message associated with the second HARQ process identification the second and third data blocks are retransmitted over the second and third MIMO layers to the wireless terminal for the second MIMO TTI.

No. of Pages: 93 No. of Claims: 22

(22) Date of filing of Application :08/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: DEVICE FOR EMBOSSING AND/OR PERFORATING FOILS FOR TOBACCO GOODS

:B31F1/07,A24C5/00,A24C5/60 (71)Name of Applicant : (51) International classification (31) Priority Document No :12171255.8

(32) Priority Date :08/06/2012

(33) Name of priority country :EPO

(86) International Application No: PCT/IB2013/054656 Filing Date :06/06/2013

(87) International Publication No: WO 2013/183022

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

:NA Number :NA Filing Date

1)BOEGLI GRAVURES SA

Address of Applicant :Rue de la Gare 24 26 CH 2074 Marin

Epagnier Switzerland (72) Name of Inventor:

1)BOEGLI Charles

(57) Abstract:

The device for embossing and/or perforating foils for tobacco goods contains: a pair of embossing rolls one of the embossing rolls having teeth (33) for perforating the foil (1) the counter roll to the embossing roll (13A) with the perforating teeth being a matrix roll (14A) which has recesses (14A) that correspond to the teeth (33) on the patrix roll (13A) both embossing rolls being arranged in a perforation device (5) and the device being designed in order to be operated directly or indirectly online in a machine for producing tobacco goods. The use of patrix matrix embossing rolls allows for a large variety of perforations the device having a control unit (17) designed to control the exact position size and arrangement of the perforations on the basis of the quality of the foil (1) to be processed.

No. of Pages: 47 No. of Claims: 15

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: EXHAUST GAS COLLECTION AND PURIFICATION SYSTEM

:F01N13/10,F01N13/18 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) RENAULT S.A.S. :1255301 (32) Priority Date :07/06/2012 Address of Applicant: 13 15 quai Le Gallo F 92100 Boulogne (33) Name of priority country Billancourt France :France (86) International Application No :PCT/FR2013/050991 (72)Name of Inventor: Filing Date :03/05/2013 1)DUMAS Eric (87) International Publication No :WO 2013/182770 2)STEFANI Grard (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention concerns a system (10) for collecting and purifying exhaust gas comprising; an exhaust manifold (11) mounted downstream of an internal combustion engine; and a catalytic converter (12); characterized in that the manifold comprises a substantially hemispherical gas outlet (15) on the periphery of a circular opening and in that the catalytic converter (12) comprises a substantially hemispherical inlet (26) adapted to the hemispherical outlet of the manifold (11) the manifold and the catalytic converter being produced by the assembly of half shells obtained by swaging.

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

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention : ELECTROCHEMICAL BASED ANALYTICAL TEST STRIP WITH INTERSECTING SAMPLE RECEIVING CHAMBERS

 (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 	:C12Q1/00 :13/529890 :21/06/2012 :U.S.A. :PCT/EP2013/062950 :20/06/2013 :WO 2013/190072 :NA :NA :NA	(71)Name of Applicant: 1)LIFESCAN SCOTLAND LIMITED Address of Applicant: Beechwood Park North Inverness Inverness shire IV2 3ED U.K. (72)Name of Inventor: 1)WHYTE Lynsey 2)SLOSS Scott 3)WHITEHEAD Neil 4)MCCOLL David 5)SMITH Antony
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(57) Abstract:

An electrochemical based analytical test strip for the determination of an analyte (such as glucose) in a bodily fluid sample (for example a whole blood sample) and/or a characteristic of the bodily fluid sample (for example hematocrit) includes a first sample receiving chamber with first and second sample application openings and first and second electrodes. The first and second electrodes are disposed in the first sample receiving chamber between the first and second sample application openings. The electrochemical based analytical test strip also includes a second sample receiving chamber and a plurality of electrodes disposed in the second sample receiving chamber. In addition the second sample receiving chamber intersects the first sample receiving chamber between the first and second electrodes thereby defining a chamber intersection.

No. of Pages: 22 No. of Claims: 23

(21) Application No.10437/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : FLAME RETARDANT MINERAL FILLERS AND FLAME RETARDANT POLYMER COMPOSITIONS

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNoFiling Date	:C09K21/02,C08K3/22,C08K3/00 :2012/00487 :12/07/2012 :Belgium :PCT/EP2013/064764 :12/07/2013	1)S.A. LHOIST RECHERCHE ET DEVELOPPEMENT Address of Applicant :Rue Charles Dubois 28 B 1342 Ottignies Louvain la Neuve Belgium (72)Name of Inventor: 1)LORGOUILLOUX Marion 2)LESUEUR Didier
(87) International Publication No	:WO 2014/009510	3)CHOPIN Thierry 4)LAOUTID Fouad
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)DUBOIS Philippe
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A powdery mineral filler comprising a calcium compound and a magnisum compound, comprising a semi-hydrated dolomite of general formula aCaCO3.bCa(OH)2.cMg(OH)2.dMg0.eCaO, a, b, c, d and e being molar fractions with (a + b + e)/(c + d) between 0.8 and 1.2, and comprising particle agglomrtes, a flame-retardant polymer composition containing same, production methods and use of such mineral fillers.

No. of Pages: 45 No. of Claims: 25

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: BIO-DEGRADABLE ABSORBABLE POLYMER HAVING REDUCED METAL CATALYST CONTENT, AND PROCESS FOR PRODUCTION THEREOF

(51) International classification :A61L31/14 (31) Priority Document No :2006-178805 (32) Priority Date :28/06/2006 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2007/062212 (72) Name of Inventor :

Filing Date :18/06/2007

(87) International Publication No : NA (61) Patent of Addition to Application :NA Number

:NA Filing Date

(62) Divisional to Application Number :9924/DELNP/2008 Filed on :28/11/2008

(71)Name of Applicant: 1)GUNZE LIMITED

Address of Applicant: 1, Zeze, Aono-cho, Ayabe-shi, Kyoto

6238511, Japan Japan

1)HIDETOSHI ARIMURA 2)YOSHITAKE TAKAHASHI 3)KOJI YAMAUCHI

(57) Abstract:

The present invention provides a safe biodegradable and bioabsorbable polymer having an extremely low metal catalyst content, while retaining the properties desired for a medical implant or the like; and a process for producing the same. The present invention further provides a method for reducing the content of a metal catalyst in a biodegradable and absorbable polymer that can be applied on an industrial scale. A method for producing a biodegradable and bioabsorbable polymer having a metal- catalyst content of less than 1 ppm in terms of a metal comprising the steps of (1) copolymerizing lactide and E-caprolactone at a molar ratio ranging from 40/60 to 60/40 in the presence of the metal catalyst to produce a copolymer; and (2) washing the copolymer with a mixed solvent comprising acetic acid and isopropanol at a volume ratio ranging from 25/35 to 45/55, at less than 40°C and drying the copolymer. 13. A method for producing a biodegradable and bioabsorbable polymer having a metal catalyst content of less than 1 ppm in terms of a metal comprising the steps of (1) copolymerizing lactide and \(\xi\$-caprolactone at a molar ratio ranging from 65/35 to 85/15 in the presence of the metal catalyst to produce a copolymer; and (2) washing the copolymer with a mixed solvent comprising acetic acid and isopropanol at a volume ratio ranging from 45/55 to 55/45 at less -than 40°C, and drying the copolymer

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

(21) Application No.10440/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : PROCESS FOR PREPARING 2,2-DIFLUOROETHYLAMINE DERIVATIVES BY ALKYLATING 2,2-DIFLUOROETHYLAMINE

 (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 	:C07D213/61 :12174277.9 :29/06/2012 :EPO :PCT/EP2013/063116 :24/06/2013 :WO 2014/001245 :NA :NA :NA	(71)Name of Applicant: 1)BAYER CROPSCIENCE AG Address of Applicant: Alfred Nobel Str. 50 40789 Monheim Germany (72)Name of Inventor: 1)FUNKE Christian 2)LUI Norbert 3)WARSITZ Rafael 4)SCHNATTERER Albert
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(57) Abstract:

A process for preparing a 2,2-difluoroethylamine of the formula (III) in which 2,2-difluoroethylamine of the formula (I) is reacted with a halide of the formula (II) in the presence of a tertiary nitrogen base: in which Hal and A in the formulae (II) and (III) are defined as specified in the description.

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: VIRUS FILTRATION OF CELL CULTURE MEDIA

(51) International classification :C12M1/00,A61L2/00,C12M1/12 (71)Name of Applicant: (31) Priority Document No :61/662814

(32) Priority Date :21/06/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/045663

:13/06/2013 Filing Date

(87) International Publication :WO 2013/192009

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BAXTER INTERNATIONAL INC.

Address of Applicant :One Baxter Parkway Deerfield Illinois

60015 U.S.A.

2)BAXTER HEALTHCARE S.A.

(72)Name of Inventor: 1)MUNDT Wolfgang 2)MITTERER Artur 3)REITER Manfred

4)HASSLACHER Meinhard 5)GRILLBERGER Leopold

6)KREIL Thomas

(57) Abstract:

The invention relates to a method for removing a viral contaminant from a preparation being a cell culture medium or at least a component of a cell culture medium. The method comprises subjecting said preparation to filtration for at least about 24 hours through a virus filter having an effective pore size of maximum about 75 nm. Further the invention relates to the use of a virus filter in filtration of at least about 24 hours wherein the virus filter has an effective pore size of maximum about 75 nm for the removal of viral contaminant from a preparation being a cell culture medium or at least a component of a cell culture medium. In some embodiments the filtration according to the invention operates at a volumetric capacity of at least about 2000 L/m2. Further the invention relates to the use of a preparation being a cell culture medium or at least a component of a cell culture medium obtainable according to method of the invention for cell culture; pharmaceutical diagnostic and/or cosmetic preparations as well as in food preparations.

No. of Pages: 53 No. of Claims: 24

(21) Application No.10442/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention : COMMUNICATION APPARATUS COMMUNICATION SYSTEM COMMUNICATION CONTROLLING METHOD AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04J3/06,H04N5/232 :2012136457 :16/06/2012 :Japan :PCT/JP2013/002945 :08/05/2013 :WO 2013/186981 :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato Ku Tokyo 1080075 Japan (72)Name of Inventor: 1)TAKAHASHI Hiroaki
- 100000		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Techniques for synchronizing a clock of a first apparatus and a clock of a second apparatus in communication with the first apparatus via a network. The techniques include communicating first data between the first apparatus and second apparatus via a network communicating while at least a portion of the first data is being communicated via the network a synchronization packet between the first apparatus and the second apparatus and communicating second data between the first apparatus and the second apparatus and the second apparatus has been established.

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

(21) Application No.10443/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: USE OF POLYUREA NANOPARTICLES AS PERFORMANCE MODIFIERS IN POLYURETHANE **MATERIALS**

(51) International :C08G18/08,C08G18/10,C08G18/28

classification (31) Priority Document No :12176739.6

(32) Priority Date :17/07/2012 (33) Name of priority country: EPO

(86) International :PCT/EP2013/063664

Application No :28/06/2013 Filing Date

(87) International Publication :WO 2014/012769

(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)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 Christopher Ian

(57) Abstract:

Nano sized polyurea particles or a dispersion of polyurea particles suitable for improving the mechanical properties of a polyurethane material said particles having at least equivalent diameter dimensions in the nanosize range of 50 nm up to 700 nm a uniform equivalent diameter particle size distribution an amount of urethane bonds calculated on the total amount of urea + urethane bonds in said particles of < 1% and a glass transition temperature (Tg) of >100°C preferably Tg >120°C more preferably >150°C measured in a second heating cycle after heating to >220°C at 20° per minute using Differential Scanning Calorimetry.

No. of Pages: 47 No. of Claims: 13

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: REFILLED TONER CARTRIDGE HAVING INCREASED YIELD

 (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 	:G03G15/00 :13/538347 :29/06/2012 :U.S.A. :PCT/US2013/027045 :21/02/2013 :WO 2014/003828 :NA :NA :NA	(71)Name of Applicant: 1)STATIC CONTROL COMPONENTS INC. Address of Applicant: 3010 Lee Avenue P.O. Box 152 Sanford NC 27331 U.S.A. (72)Name of Inventor: 1)BURCHETTE Lynton R.
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(57) Abstract:

Electronic systems such as printing systems often use components that have integral memory. The integral memory can be used to store information about the component. In some printing systems this memory includes a portion that stores a value indicative of a print yield. Disclosed is a method and system for allowing the memory to have data indicative of an increased print yield.

No. of Pages: 25 No. of Claims: 31

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR ADDING CLIENT CAPABILITY DATA TO A SIP MESSAGE

:H04L12/853,H04L29/06 (71)Name of Applicant : (51) International classification 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) (31) Priority Document No :NA (32) Priority Date Address of Applicant: S 164 83 Stockholm Sweden :NA (33) Name of priority country :NA (72) Name of Inventor: 1)OPSENICA Miljenko (86) International Application No :PCT/SE2012/050801 Filing Date :06/07/2012 (87) International Publication No :WO 2014/007708 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

It is presented a server for forwarding one or more SIP Session Initiation Protocol messages. The server comprises a processor and an instruction memory. The instruction memory stores instructions that when executed by the processor causes the server to: receive a WebSocket handshake request 5 from a client device the WebSocket handshake request comprising a SIP service capability indicator for the client device; establish a WebSocket connection; store in a data memory service capability data for the client device the service capability data being based on the SIP service capability indicator; receive a SIP message from the client device; add a header field to 10 the SIP message the content of the header field being based on the service capability data resulting in a modified SIP message; and forward the modified SIP message to a SIP application router. Corresponding method computer program and computer program product are also presented.

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: OPERATION DEVICE VACUUM OPENING/CLOSING DEVICE AND METHOD FOR ASSEMBLING OPERATION DEVICE

(51) International :H01H33/666,H01H33/38,H01H33/42

:PCT/JP2013/065315

:WO 2013/190984

:03/06/2013

classification

(31) Priority Document No :2012136496 (32) Priority Date :18/06/2012

(33) Name of priority :Japan

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)HITACHI LTD.

Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku

Tokyo 1008280 Japan (72)Name of Inventor:

1)HAE Takamitsu 2)MORITA Ayumu 3)NAKAZAWA Akio

4)KAWAKAMI Hisao 5)YOKOSUKA Shigeru 6)WATANABE Ryuichi

7)TONOSAKI Hironori 8)TSUCHIYA Kenji

(57) Abstract:

The purpose of the present invention is to provide a more reliable operation device vacuum opening/closing device and method for assembling an operation device. In order to solve the above problem the present invention is characterized in being provided with: an electromagnet (40) for generating an operation force; a movable rod which is moved by the operation force generated by the electromagnet (40); a support member having a stopper member for stopping the actuation of the movable rod; a capacitor (11) for supplying a current to the electromagnet (40); a control substrate (10); and a casing (1) for housing in the interior thereof the electromagnet (40) the support member the capacitor (11) and the control substrate (10); the support member being fixed in the casing (1) onto a different surface from that to which the capacitor (11) and the control substrate (10) are fixed.

No. of Pages: 27 No. of Claims: 8

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: OPERATING DEVICE OR VACUUM SWITCH

(51) International :H01H33/666,H01H33/38,H01H33/66

(31) Priority Document No :2012136497

(32) Priority Date :18/06/2012(33) Name of priority

country :Japan

(86) International :PCT/JP2013/065314

Application No
Filing Date

11 C1/31 2013/0
:03/06/2013

(87) International Publication No :WO 2013/190983

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

Filing Date
(62) Divisional to
Application Number
Filing Date

SNA
: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)SATO Takashi 2)MORITA Ayumu 3)TSUCHIYA Kenji

4)YABU Masato 5)NAKAZAWA Akio 6)KAWAKAMI Hisao 7)YOKOSUKA Shigeru

8)SEYA Seiji

(57) Abstract:

The purpose of the present invention is to provide an operating device or a vacuum switch that allows the overall height of the operating device to be reduced and convenience of installation to be improved. In order to solve the aforementioned problem this operating device is equipped with: an electromagnet (14) which is provided inside a case (10) and fixed to the case (10) via a fixation section; a capacitor (16) which is provided at an inner end part of the case (10); a control substrate (18) which is provided opposite to the capacitor (16) across the electromagnet (14); an auxiliary contact (34) which is provided above the capacitor (16); a movable section which can be moved by means of a magnetic force generated by the electromagnet (14); and a power transmission section which operates in conjunction with the movement of the movable section. The capacitor (16) and the auxiliary contact (34) are provided at heights not exceeding the height of the fixation section used for fixing the electromagnet (14).

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

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date: 21/08/2015

:NA

(54) Title of the invention: RAILWAY SYSTEM

(51) International classification (31) Priority Document No :2012141832 (32) Priority Date :25/06/2012 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/065582 Filing Date :05/06/2013 :WO 2014/002717

(87) International Publication No (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date

:B60M3/02,B60M3/06 (71)Name of Applicant : 1)HITACHI LTD.

(21) Application No.10460/DELNP/2014 A

Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku

Tokyo 1008280 Japan (72) Name of Inventor: 1)MIYAUCHI Tsutomu 2)SUZUKI Motonari 3)NAKAMURA Yasushi

(57) Abstract:

This railway system comprises: multiple power supplies (101, 103) that have at least one of a power substation or an electric storage device; a vehicle (105) that travels by electric power received from the power supplies; and a power management system (108) for managing the amounts of electric power to be supplied from the power supplies and the amounts of electric power to be charged to the electric storage devices according to the positions of the power supplies (101, 103) on the railway. Upon receiving a vehicle position a vehicle speed and a traveling state (traveling by electric power coasting braking being applied) of the vehicle (105) from the vehicle (105) the power management system (108) determines an electric storage device from which the vehicle (105) should receive electric power determines whether or not electric power needs to be supplied from the determined electric storage device according to the speed and the traveling state of the vehicle and transmits the determination result to the power supply (101,103). Consequently the line voltage can be flexibly increased during power traveling by effectively utilizing the power supplies provided along the railway to the fullest extent thereby reducing power traveling time while increasing coasting time so the energy saving effect can be improved.

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: UPDATING CACHED DATABASE QUERY RESULTS

(51) International :G06F17/30,G06Q30/00,G06F12/08 classification

(31) Priority Document No :12368020.9 :14/08/2012

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

(86) International Application :PCT/EP2013/002390

:09/08/2013 Filing Date

(87) International Publication :WO 2014/026753

(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)AMADEUS S.A.S.

Address of Applicant :485 route du Pin Montard Sophia

Antipolis F 06410 Biot France (72) Name of Inventor:

1)CIABRINI Damien 2)LEGRAND Guillaume

3)JANIN Benoit 4)ISNARDY Luc 5)MAILLOT Nicolas

6) ROBELIN Charles Antoine

7) DANIELLO Rudy

A data cache platform maintains pre computed database query results computed by a computation platform based on data maintained in the computation platform and is configured to determine probabilities of the pre computed database query results being outdated to automatically issue re computation orders to the computation platform for updating pre computed database query results on the basis of the determined probabilities of the pre computed database query results being outdated and to receive the updated pre computed database query results as results of the re computation orders. The probability determination depends on a probabilistic model and on the occurrence of asynchronous real time events. The real time events are indeterministic with regard to the expiration of the cached database query results and only have a probabilistic influence on the discrepancies between the database query results maintained in the data cache platform and presumed actual database query results.

No. of Pages: 47 No. of Claims: 15

(21) Application No.10462/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention : A SYSTEM FOR MIXING OR COMPOSITING IN REAL TIME COMPUTER GENERATED 3D OBJECTS AND A VIDEO FEED FROM A FILM CAMERA

 (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 	:H04N5/272,G06T7/00 :1208088.3 :09/05/2012 :U.K. :PCT/GB2013/051205 :09/05/2013 :WO 2013/167901 :NA :NA	(71)Name of Applicant: 1)NCAM TECHNOLOGIES LIMITED Address of Applicant:8 9 Carlisle Street London W1D 3BP U.K. (72)Name of Inventor: 1)BOIVIN Samuel 2)MICHOUD Brice
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of mixing or compositing in real time computer generated 3D objects and a video feed from a film camera in which the body of the film camera can be moved in 3D and sensors in or attached to the camera provide real time positioning data defining the 3D position and 3D orientation of the camera or enabling the 3D position to be calculated.

No. of Pages: 68 No. of Claims: 60

(12)TATENT ALTERATION TODERCATION

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONNECTOR

(51) International classification:F16L55/04,F0(31) Priority Document No:2012194992(32) Priority Date:05/09/2012(33) Name of priority country:Japan

(86) International Application No
Filing Date

(87) International Publication No

Sapan

:PCT/JP2013/072816
:27/08/2013
:WO 2014/038429

(61) Patent of Addition to Application
Number

Filing Date
(62) Divisional to Application Number

Filing Date
:NA
Filing Date
:NA

:F16L55/04,F02M55/02 (71)Name of Applicant :

1)TOKAI RUBBER INDUSTRIES, LTD.

(21) Application No.10463/DELNP/2014 A

Address of Applicant: 1 Higashi 3 chome Komaki shi Aichi

4858550 Japan

(72)Name of Inventor : 1)TAKIMOTO Yorihiro

2)IKEGAMI Ryo 3)MIZUTANI Koji

4)KATAYAMA Kazutaka

(57) Abstract:

(19) INDIA

Provided is a connector (1) that can easily be tuned for a pulsation frequency that is to be reduced and with which a decrease in sealing performance can be prevented when a piston (70) moves. A pulsation reduction member (50) employs a construction whereby a piston (70) moves within a cylinder (60). The cylinder (60) has an annular flange part (62) that juts inward in the radial direction of the cylinder. An elastic seal member (80) is held in a compressed state between the end face of the flange part (62) of the cylinder (60) and the end face of the piston (70). A biasing body (90) is arranged in the cylinder (60) in the region on the opposite side of the piston (70) from a flow path (12) and imparts biasing force which moves the piston (70) toward the flow path (12) and compresses the elastic seal member (80).

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

(21) Application No.10464/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: AUTOMATED TRANSACTION DEVICE

Filing Date :NA (62) Divisional to Application Number :NA	 (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 	:13/06/2013 :WO 2014/007048 :NA	(71)Name of Applicant: 1)OKI ELECTRIC INDUSTRY CO. LTD. Address of Applicant: 1 7 12 Toranomon Minato ku Tokyo 1058460 Japan (72)Name of Inventor: 1)ADACHI Akira 2)KOBAYASHI Masaki 3)YAMADA Naohiro
Number :NA Filing Date	(87) International Publication No(61) Patent of Addition to Application	:WO 2014/007048	2)KOBAYASHI Masaki
Filing Date :NA	Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract:

Provided is an automated transaction device which carries out a paper currency deposit and withdrawal transaction with a customer comprising: a receiving port wherein receiving of paper currency is carried out; a paper currency processing unit which carries out a deposit process in which the paper currency in the receiving port is deposited in the automatic transaction device and a withdrawal process in which paper currency in the automatic transaction device is withdrawn in the receiving port; and a recording unit which during either the deposit process or the withdrawal process records the serial numbers of each piece of paper currency being either deposited or withdrawn.

No. of Pages: 45 No. of Claims: 14

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TROLLEY REPLACEMENT DEVICE AND METHOD

(51) International classification	:F27B21/08	(71)Name of Applicant:
(31) Priority Document No	:201310240578.X	1)SHANDONG PROVINCE METALLURGICAL
(32) Priority Date	:18/06/2013	ENGINEERING CO. LTD.
(33) Name of priority country	:China	Address of Applicant :1969# Shunhua Road High tech
(86) International Application No	:PCT/CN2014/079852	Development Zone Jinan Shandong 250101 China
Filing Date	:13/06/2014	(72)Name of Inventor:
(87) International Publication No	:WO 2014/201977	1)YUN Ruping
(61) Patent of Addition to Application	:NA	2)HUANG Dongsheng
Number	:NA	3)YAO Chaosheng
Filing Date	:NA	4)YU Zhongnian
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the technical field of replacement of a trolley of a sintering machine and a belt type calcinating machine in the metallurgical industry. Disclosed are a trolley replacement device and method. The trolley replacement device comprises a trolley internal straight rails internal curved rails external straight rails external curved rails a main drive wheel trolley removal rails and trolley insertion rails; the external curved rails at two sides of the main drive wheel are divided into lower movable external curved rails (202) middle fixed external curved rails (203) and upper movable external curved rails (201); the upper ends of the lower movable external curved rails; and one end of the upper movable external curved rails is connected to one end of the trolley insertion rails. The present invention replaces the trolley of a sintering machine or a belt type calcinating machine without stopping the machine or requiring extra trolley replacement time thus improving production efficiency; the sintering machine or the belt type calcinating machine does not need to be stopped and the operation of reducing or stopping wind is not needed thus ensuring no change in production; and the qualified product rate and tumbling index are not reduced as a result of steady production.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND APPARATUS FOR FIREARM RECOIL SIMULATION

 (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 	:F41A33/06 :61/650006 :22/05/2012 :U.S.A. :PCT/US2013/042142 :22/05/2013 :WO 2014/028086 :NA :NA	(71)Name of Applicant: 1)DEKKA TECHNOLOGIES LLC Address of Applicant: 723 Point Street Houma Louisiana 70360 U.S.A. (72)Name of Inventor: 1)MONTI Kyle 2)MARSE Daryl
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for firearm training simulator which simulates realistic recoil of conventional firearms. The method and apparatus incorporates a linear motor and controllable mass for generating recoil. One embodiment includes an adjusting system for adjusting the amount of recoil provided. Also provided are means for simulating semi automatic and/or full automatic operation of firearms. One embodiment can include a laser emitter which simulates the path for a bullet fired from a firearm that the method and apparatus is simulating.

No. of Pages: 72 No. of Claims: 36

(21) Application No.10473/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : CAPACITIVE SENSOR ARRANGEMENT AND TOUCH SENSITIVE SCREEN HAVING A CAPACITIVE SENSOR 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 	:G06F3/044 :10 2012 011 626.8 :09/06/2012 :Germany :PCT/EP2013/057980 :17/04/2013 :WO 2013/182342	(72)Name of Inventor:
* *	:17/04/2013	1
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)SSS Manfred
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a capacitive sensor arrangement (1) having at least one capacitive sensor (2) and a coating (3) applied to a front side of the at least one capacitive sensor (2). According to the invention the coating (3) comprises a multiple layer structure which is formed from a plurality of capacitive layers (3.1 to 3.n) which are arranged in plies and electrically connected in series. The invention further relates to a touch sensitive screen (4) comprising at least one such capacitive sensor arrangement (1).

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

(21) Application No.10475/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR SELECTING A DIRECT RADIOGRAPHIC PANEL AS ACTIVE PANEL

 (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 	:28/06/2013 :WO 2014/005937 :NA :NA :NA	(71)Name of Applicant: 1)AGFA HEALTHCARE Address of Applicant :IP Department 3802 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor: 1)EXELMANS Walter
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for selecting in a radiographic exposure unit a direct radiographic panel as active panel for a forthcoming radiographic exposure comprising the following steps: activating a gravity sensor installed on the direct radiographic panel; activating by the activated gravity sensor a processor installed on the direct radiographic panel whereby as a result of a communication of this processor with a radiographic work station over a network the activated direct radiographic panel is retained as the active direct radiographic panel for the forthcoming radiographic exposure.

No. of Pages: 20 No. of Claims: 8

(21) Application No.10477/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: MANAGED OBJECT VERSION IDENTIFICATION

 (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 	:H04L12/24 :61/659104 :13/06/2012 :U.S.A. :PCT/IB2013/054859 :13/06/2013 :WO 2013/186742 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant:S 164 83 Stockholm Sweden (72)Name of Inventor: 1)TSE Edwin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods for determining a version of a standard publication that is supported by a network element are provided. Version map information is requested and received from an external node in a managed network including publication identifiers for at least one of the network elements. Each network element identified in the version map has an associated publication version and an indication of if the publication can be applicable to its directly or indirectly inferior nodes in the hierarchical instance tree. If a particular network element does not have a corresponding publication identifier in the received version map information it can be determined if the network element can use the publication identifiers of a superior network element in the hierarchy.

No. of Pages: 25 No. of Claims: 13

(21) Application No.10478/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : POLICY AND CHARGING CONTROL METHODS FOR HANDLING MULTIPLE USER SUBSCRIPTIONS OF A TELECOMMUNICATION NETWORK

:H04L12/14,H04W8/18 (71)Name of Applicant : (51) International classification (31) Priority Document No :NA 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant: S 164 83 Stockholm Sweden :NA (33) Name of priority country (72)Name of Inventor: :NA (86) International Application No :PCT/EP2012/063113 1)PEREZ MARTINEZ Alfonso de Jesus Filing Date :05/07/2012 2)ALVAREZ DOMINGUEZ Rodrigo (87) International Publication No :WO 2014/005636 3) PEREZ ANDRES Juan Ignacio (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A policy and charging control method enables a privileged user of a multiple user subscription of a telecommunication network to cause a change to a policy or charging applicable to a non privileged user of the subscription. The method comprises: (i) accessing (s10) by a communication terminal of the non privileged user an authorization control manager (ACM) function to request a change of policy or charging applicable to the non privileged user; (ii) transmitting (s20) by the ACM function to a PCRF the requested change; (iii) notifying (s30) a communication terminal of the privileged user by the PCRF of the requested change; and (iv) indicating (s40) by the communication terminal of the privileged user to the ACM function at least one of: (a) whether the requested change is approved and (b) to which extent the requested change is approved. The invention also relates to network nodes computer programs and computer program products.

No. of Pages: 58 No. of Claims: 22

(21) Application No.10480/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR DETERMINING THE AERODYNAMIC MOMENT OF RESISTANCE OF A WHEEL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01M9/06,G01M17/013 :1256260 :29/06/2012 :France	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 Cours Sablon F 63000 Clermont
 (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/EP2013/062696 :19/06/2013 :WO 2014/001166 :NA :NA :NA	Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)GARDARIN Benoit

(57) Abstract:

The invention relates to a method for determining the aerodynamic moment of resistance M aero-EM of a wheel disposed on an axle by measuring the value of the mechanical power P m to be applied to the wheel in order to keep the wheel rotating at a constant speed ω said wheel being equipped with a means for rotating same and a device for obtaining and/or recording the numerical values of the mechanical power and of the rotation speed. The invention is characterised in that the wheel is protected by a removable cover and in that the wheel is subjected to a flow of air.

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

(21) Application No.10481/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: FOLDABLE TYRE FOLDING METHOD AND 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 	:B60C3/08,B60C15/04 :1256127 :27/06/2012 :France :PCT/EP2013/062698 :19/06/2013 :WO 2014/001167 :NA :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 Cours Sablon F 63000 Clermont Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)LAURENT Christophe
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(57) Abstract:

The invention relates to a foldable tyre for a two wheeled motor vehicle comprising a casing ply (6) optionally an inextensible bracing ply and a tread (2) said ply (6) consisting of at least one layer of reinforcing elements said tread (2) being connected to two bead fillers (4) by means of two sidewalls (3) said bead fillers (4) comprising at least one bead (5) defining a camber line forming a closed curve that is substantially circular in a circumferential plane. The bead (5) of each bead filler (4) is flexible and comprises at least one concave part P the smallest radius of which is R and the centre of curvature C. The bead comprises at least one non reinforced metal cable having a carbon content of between 0.5 and 0.9%. The invention also relates to a folding method and to a use of the tyre.

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

(21) Application No.10482/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR DETERMINING THE AERODYNAMIC MOMENT OF RESISTANCE OF A WHEEL

 (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 	:19/06/2013 :WO 2014/001165 :NA	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)GARDARIN Benoit
Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a method for determining the aerodynamic moment of resistance M aero-EM of a wheel by calculating the temporal variation in the product of: the rotation speed of at least one wheel rotated about an axle; and the inertia of the wheel about the axle said wheel being equipped with a device for obtaining and recording the numerical values of the rotation speed. The invention is characterised in that the wheel is protected by a removable cover and in that the wheel is subjected to a flow of air.

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

(21) Application No.10483/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: HALOGEN FREE FLAME RETARDANT TPU WITH VERY HIGH LOI

(51) International :C09K21/12,C08G18/44,C08K5/523 classification

(31) Priority Document No :61/660869 (32) Priority Date :18/06/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/044202

Application No :05/06/2013 Filing Date

(87) International Publication :WO 2013/191902

(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)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.

2)GIOVANITTI JENSEN Ann

(57) Abstract:

The present invention relates to flame retardant thermoplastic polyurethane (TPU) compositions and more particularly to flame retardant thermoplastic polyurethane compositions comprising non halogen flame retardants. The TPU compositions are useful for applications where high flame performance and optionally low smoke properties as well as high tensile strength are desirable such as wire and cable applications film applications molding applications and the like. This invention also relates to processes to produce the non halogen flame retardant TPU compositions and processes to produce wire and cable jacketing from such compositions.

No. of Pages: 36 No. of Claims: 15

(21) Application No.10484/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: WARNING SYSTEM

(51) International classification	:G08G1/16,B60Q1/00	(71)Name of Applicant:
(31) Priority Document No	:12506036	1)SCANIA CV AB
(32) Priority Date	:11/06/2012	Address of Applicant :S 151 87 Sdertlje Sweden
(33) Name of priority country	:Sweden	2)VOLKSWAGEN AKTIENGESELLSCHAFT
(86) International Application No	:PCT/SE2013/050656	(72)Name of Inventor:
Filing Date	:10/06/2013	1)RICKN,,S Daniel
(87) International Publication No	:WO 2013/187829	2)KLEEN Andro
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A warning system (2) for a vehicle which system comprises at least one viewing device (4) with a viewing surface (6) adapted to presenting objects (8) which are in the vicinity of the vehicle a processing unit (10) adapted to receiving one or more sensor signals (12) from one or more sensors which are adapted to measuring at least the speed of an object in the vehicle s vicinity to calculating Δv which is the difference between the respective speeds of said object and the host vehicle and to comparing Δv with at least one threshold value v. The warning system comprises at least one indicating means (14) situated close to said viewing device (4) and adapted to generating at least one warning indication (16) for presentation on or close to the viewing surface (6) of the viewing device which warning indication (16) identifies said object and is adapted to being generated in response to a display signal (18) generated by said processing unit (10) if Δv exceeds vi.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CANNED FOOD PRODUCTS HAVING ONE OR MORE FILLINGS

(51) International classification(31) Priority Document No(32) Priority Date	:A23L1/317,A23K1/10,A23K1/18 :61/649578 :21/05/2012	 (71)Name of Applicant: 1)NESTEC SA Address of Applicant: Avenue Nestle 55, CH- 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/041521 :17/05/2013 :WO 2013/176974	(72)Name of Inventor: 1)WATELAIN, Annie 2)KOMAREK, David 3)SISIAK, Laurent 4)FRISCOURT "Julie
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)RAYNER ,Jean ,Luz 6)DECKARD ,Maquel 7)RAYNER, Michael ,G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides food products and methods for making the food products. The products comprise a container comprising a meat emulsion encasing one or more hydrocoUoid dispersions wherein the one or more hydrocoUoid dispersions and the meat emulsion have a different appearance and texture. Preferably the one or more hydrocoUoid dispersions are xanthan, carboxy methyl cellulose, konjac, guar, agar agar, gum arabic, locus bear gum, cassia, acacia alginate, carobe, or a combination thereof.

No. of Pages: 19 No. of Claims: 42

(21) Application No.10485/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: WARNING SYSTEM

(51) International classification	:G08G1/16,B60Q1/00	(71)Name of Applicant:
(31) Priority Document No	:12506010	1)SCANIA CV AB
(32) Priority Date	:11/06/2012	Address of Applicant :SE 151 87 Sdertlje Sweden
(33) Name of priority country	:Sweden	2)VOLKSWAGEN AKTIENGESELLSCHAFT
(86) International Application No	:PCT/SE2013/050654	(72)Name of Inventor:
Filing Date	:10/06/2013	1)RICKN,,S Daniel
(87) International Publication No	:WO 2013/187828	2)KLEEN Andro
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A warning system (2) for a vehicle which system comprises at least one viewing device (4) with a viewing surface (6) adapted to presenting objects (8) which are in the vicinity of the vehicle a processing unit (10) adapted to receiving one or more sensor signals (12) from one or more sensors which are adapted to measuring one or more predetermined parameters of objects in the vehicle s vicinity and using said parameters as a basis for determining whether there is an object in a predefined overtaking zone (22). The warning system comprises at least one indicating means (14) situated close to said viewing device (4) and adapted to generating at least one overtaking indication (16) for presentation on or close to the viewing surface (6) of the viewing device in response to a display signal (18) generated by said processing unit (10) and the warning system is adapted to being in either of two overtaking states comprising a first state and a second state such that the first state applies when at least one object (8) is in said overtaking zone and the second state applies when there are no objects in said overtaking zone and said overtaking indication (16) is adapted to changing on the basis of said overtaking states.

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

(21) Application No.10486/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SIMULTANEOUS THERMAL FORMING OF FERRULE AND OPTICAL FIBER IN A FERRULE ASSEMBLY TO THERMALLY FORM AN OPTICAL SURFACE IN THE FERRULE ASSEMBLY AND RELATED FIBER OPTIC COMPONENTS FIBER CONNECTORS ASSEMBLIES AND 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 	:G02B6/38 :61/662040 :20/06/2012 :U.S.A. :PCT/US2013/046214 :18/06/2013 :WO 2013/192122 :NA :NA	(71)Name of Applicant: 1)CORNING OPTICAL COMMUNICATIONS LLC Address of Applicant:800 17th Street NW P.O. Box 489 Hickory North Carolina 28603 U.S.A. (72)Name of Inventor: 1)DANLEY Jeffrey Dean 2)ELKINS II Robert Bruce 3)HAWTOF Daniel Warren
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Simultaneous thermal forming of a ferrule (14) and optical fiber (16) as part of a ferrule assembly (12) to thermally form an optical surface (18) in the ferrule assembly. Related fiber optic components connectors assemblies and methods are disclosed. In certain embodiments the ferrule assembly is comprised of a ferrule (14) and an optical fiber (16) having an end portion (22) extending from an end face (26) of the ferrule. The ferrule (14) may be made from a material or material composition having the same or similar thermal energy absorption characteristics as the optical fiber disposed in the ferrule. Thus when the end face (26) of the ferrule and the end portion (22) of the optical fiber are simultaneously exposed to a wavelength(s) of a laser beam emitted by a laser at least a portion of the end face of the ferrule and end portion of the optical fiber are both thermally formed together to form an optical surface.

No. of Pages: 42 No. of Claims: 40

(21) Application No.10487/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SOLID LIQUID SEPARATION DEVICE

(51) International classification :B01D33/00,C02F1 (31) Priority Document No :2012205180 (32) Priority Date :19/09/2012

(33) Name of priority country :Japan

(86) International Application No
Filing Date

(87) International Publication No

Sapan

:PCT/JP2012/081937
:10/12/2012
:WO 2014/045467

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

:B01D33/00,C02F11/12 (71)**Name of Applicant :**

1)TSURUMI MANUFACTURING CO. LTD.

Address of Applicant :16 40 Tsurumi 4 chome Tsurumi ku

Osaka shi Osaka 5388585 Japan

(72)Name of Inventor:1)SENGA Tatsuya2)KOYANAGI Masahiro3)HIGASA Tetsuo

(57) Abstract:

This solid liquid separation device has a layered rotating filter (1t) arrayed within a processing tank (9); a filtering groove (S) is formed by causing the end surface of a protrusion (5t) and the rear surface of a plurality of protruding disc shaped filter pieces (5) of the layered rotating filter (1t) to contact; each of the filter pieces (5, 2, 3) which have a differing diameter are sequentially inserted/layered at the outer periphery of a rotating shaft (4) in a manner such that large diameter disc shaped filter pieces (2) and small diameter disc shaped filter pieces (3) are disposed in alternation in each filtering groove (S); the outer peripheral edge of a large diameter disc shaped filter piece (2) at one rotating filter (1t) approaches the outer peripheral edge of a small diameter filter piece (3) and protrusion (5t) section within a filtering groove (S) of another rotating filter (1t); and the large diameter filter pieces (2) and small diameter filter pieces (3) are configured in a manner so as to oscillate in the axial direction within the filtering grooves (S) and to rotate in accord with the rotating shaft (4).

No. of Pages: 41 No. of Claims: 4

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHODS OF CONSOLIDATING RADIOACTIVE CONTAINING MATERIALS BY HOT ISOSTATIC PRESSING

(51) International classification :G21F9/30,G21F9/34,B01J3/00 (71)Name of Applicant : (31) Priority Document No :13/488376 (32) Priority Date :04/06/2012

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

(86) International Application No :PCT/US2013/044055 Filing Date :04/06/2013

(87) International Publication No :WO 2013/184648

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

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

1)AMERICAN ISOSTATIC PRESSES INC.

Address of Applicant: 1205 S. Columbus Airport Road

Columbus Ohio 43207 U.S.A.

(72)Name of Inventor: 1)PERSAUD Rajendra 2)MORICCA Sam 3)ORCUTT Cliff

4)TAYLOR Dan

(57) Abstract:

The present disclosure relates to a method of consolidating a calcine comprising radioactive material, the method comprising mixing 60-80% (by weight) of a radionuclide containing calcine with at least one non-radioactive additive, such as an oxide, and hot isostatic pressing the mixture to form a stable monolith of glass/ceramic. In one embodiment, the ratio of radionuclide containing calcine to additives is about 80:20 by weight, wherein the non-radioactive additive comprises oxides such as BaO, CaO, AI2O3, T1O2, S1O2 and others, that combine with the waste elements and compounds to form a ceramic mineral or glass/ceramic material, after hot isostatic pressing. Non-limiting examples of mineral phases that may be formed are: hoUandite (BaAl2TieO16), zirconolite (CaZrTh0 7), and perovskite (CaTiO 3).

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

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: BRANCHED CHAIN ALKYL HETEROAROMATIC RING DERIVATIVE

(51) International :C07D249/06,A61K31/4439,A61K31/506 classification

:2012135278

:15/06/2012

:Japan

(31) Priority Document

(32) Priority Date

(33) Name of priority

country

(86) International

:PCT/JP2013/066314 Application No :13/06/2013 Filing Date

(87) International

:WO 2013/187466 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)TAISHO PHARMACEUTICAL CO. LTD.

Address of Applicant :24 1 Takada 3 chome Toshima ku

Tokyo 1708633 Japan

(72) Name of Inventor:

1)ARAKI Yuko 2)NOZAWA Dai 3)SUZUKI Ryo

4)OHTA Hiroshi

5)FUTAMURA Aya 6)ABE Masahito 7) AMADA Hideaki

8)KONISHI Kazuhide 9)OGATA Yuya

(57) Abstract:

A branched chain alkyl heteroaromatic ring derivative represented by formula (Ia) or a pharmaceutically acceptable salt thereof is useful for treatment or prophylaxis of diseases such as sleep disorder depression anxiety disorder panic disorder schizophrenia drug dependence Alzheimer s disease Parkinson s disease Huntington s disease eating disorder cephalalgia hemicrania pain digestive diseases epilepsy inflammation immune related diseases endocrine related diseases and hypertension on the basis of an orexin (OX) receptor antagonist activity.

No. of Pages: 133 No. of Claims: 25

(21) Application No.10490/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: HETEROAROMATIC METHYL CYCLIC AMINE DERIVATIVE

(51) International

:C07D413/14,A61K31/4439,A61K31/5355

classification (31) Priority

:2012135277 Document No (32) Priority Date :15/06/2012

(33) Name of priority

country

(86) International

:PCT/JP2013/066322 Application No :13/06/2013

:Japan

Filing Date

(87) International :WO 2013/187467

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)TAISHO PHARMACEUTICAL CO. LTD.

Address of Applicant :24 1 Takada 3 chome Toshima ku

Tokyo 1708633 Japan

(72)Name of Inventor:

1)FUTAMURA Aya

2)ARAKI Yuko

3)ABE Masahito

4)OHTA Hiroshi

5)SUZUKI Ryo

6)NOZAWA Dai

(57) Abstract:

A heteroaromatic methyl cyclic amine derivative represented by formula (IA) or a pharmaceutically acceptable salt thereof is useful for treatment or prophylaxis of diseases such as sleep disorder depression anxiety disorder panic disorder schizophrenia drug dependence Alzheimer s disease Parkinson s disease Huntington s disease eating disorder cephalalgia hemicrania pain digestive diseases epilepsy inflammation immune related diseases endocrine related diseases and hypertension on the basis of an orexin (OX) receptor antagonist activity.

No. of Pages: 70 No. of Claims: 9

(21) Application No.10491/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: MOBILE COMMUNICATIONS SYSTEM GATEWAY METHOD OF CONTROLLING GATEWAY AND COMPUTER READABLE MEDIUM THEREFOR

(51) International classification :H04W84/10,H04W88/16 (71)Name of Applicant : (31) Priority Document No :2012140300 (32) Priority Date :22/06/2012 (33) Name of priority country :Japan

:PCT/JP2013/003323 (86) International Application No Filing Date :27/05/2013

(87) International Publication No :WO 2013/190773

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)NEC CORPORATION

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72) Name of Inventor: 1)TAMURA Tomu 2) UEDA Yoshio

(57) Abstract:

A gateway communicating with a base station includes a receiver that receives an incoming message including identification information of the base station and one or more parameters indicating an environment of the base station. The gateway also includes a memory that stores correspondence information including a cell identifier in association with at least one of the received identification information and the received one or more parameters. The gateway also includes a controller that determines the cell identifier corresponding to a cell of the base station based on the correspondence information and the incoming message and generates an outgoing message including the determined cell identifier to be sent to a core network device. The gateway also includes a transmitter adapted to transmit the outgoing message.

No. of Pages: 33 No. of Claims: 10

(21) Application No.10500/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: LAWFUL INTERCEPTION IN A COMMUNICATIONS 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 (62) Divisional to Application Number Filing Date 	:H04W12/02,H04W36/00 :NA :NA :NA :PCT/EP2012/063370 :09/07/2012 :WO 2014/008913 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)MAIONE Biagio 2)ATTANASIO Francesco 3)FURTENBACK Ros Marie 4)IOVIENO Maurizio
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(57) Abstract:

A method and apparatus for performing Lawful Interception in a communications network. An Access Transfer Control Function (ATCF) receives an activation message instructing lawful interception. The activation message includes a subject identity. The ATCF sends intercept related information to a Mediation Function at a Lawful Intercept node. The intercept related information relates to a communication session in which the subject participates.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: LITHOGRAPHIC OFFSET INKS WITH WATER AND FILLER CONTENT

 (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 	:C08F2/48,C08F2/50 :61/660159 :15/06/2012 :U.S.A. :PCT/US2013/045845 :14/06/2013 :WO 2013/188746 :NA :NA	(71)Name of Applicant: 1)SUN CHEMICAL CORPORATION Address of Applicant: 35 Waterview Boulevard Parsippany NJ 07054 U.S.A. (72)Name of Inventor: 1)JUNG Reiner 2)GATTERMAYER Jochen 3)GAUDL Kai Uwe Walter 4)KRISHNAN Ramasamy 5)KELLER Lars 6)BILGI‡ Cumhur 7)JONES Jeff 8)NEWTON Jeff 9)DETTLING Adelbert 10)SCHWARTZ Russell
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(57) Abstract:

Lithographic printing inks are described which are characterized by the inclusion of both water in a substantially emulsified form and inorganic filler. Inks of the present invention show improved printing properties in offset lithography including improved transfer reduced piling and improved mileage. They also offer cost advantages over currently available inks and the ability to minimize or eliminate entirely mineral oil from their compositions. The inks of the present invention may be used in both web based print processes including coldset and heatset as well as in sheetfed printing. The inks may be dried to a durable ink film at ambient temperature with thermal energy or with actinic or electron beam radiation or with any combination thereof.

No. of Pages: 94 No. of Claims: 67

(21) Application No.10502/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: SYSTEM FOR PACKAGING CONTAINERS IN A CONTROLLED ENVIRONMENT

(51) International classification :B65D5/00,B65D5/12,B65D5/32 (71)Name of Applicant :

(31) Priority Document No :VI2012A000127 (32) Priority Date :31/05/2012

(33) Name of priority country :Italy

(86) International Application No:PCT/IB2013/054398

Filing Date :28/05/2013 (87) International Publication No: WO 2013/179219

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

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

1)STEVANATO GROUP INTERNATIONAL A.S.

Address of Applicant: Agatova 22 84403 Bratislava Slovakia

(72)Name of Inventor: 1)NICOLETTI Fabiano

(57) Abstract:

The invention relates to a packaging system (1 20) of two or more objects or containers (2) in a controlled environment able to contain a first container (1) equipped with a barrier of sterility and a casing or package (20) externally coupled to the first container (1) and provided with at least one removable wall (8) so that said container (1) can be accessible from outside and/or can be decoupled from said casing or package (20).

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

(21) Application No.10503/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SPATTER REMOVAL TOOL

(51) International classification	:B23K9/32,B23K9/29	(71)Name of Applicant:
(31) Priority Document No	:2013045803	1)TIPMAN CO. LTD.
(32) Priority Date	:07/03/2013	Address of Applicant :1 1244 Aza Shiratsuchi Oaza Haruki
(33) Name of priority country	:Japan	Togo cho Aichi gun Aichi 4700162 Japan
(86) International Application No	:PCT/JP2014/001294	(72)Name of Inventor:
Filing Date	:07/03/2014	1)KUSANO Yu
(87) International Publication No	:WO 2014/136460	2)MARAKKALA MANAGE Anura Silva
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a spatter removal tool capable of easily removing spatter. Specifically the remover piece (41) of the spatter removal tool (10) is configured so as to be capable of contacting the inner circumferential surface (N1) of a nozzle (N). After inserting the remover piece (41) in a gap between the inner circumferential surface (N1) of the nozzle (N) and the outer circumferential surface (K1) of a tip (K) the remover piece (41) is rotated with respect to the nozzle (N) of the welding torch (Z) and spatter adhering to the inner circumferential surface (N1) of the nozzle (N) is removed by the edges (41c 42c) of the short side direction on the front side in the direction of rotation.

No. of Pages: 45 No. of Claims: 5

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEMS METHODS AND RELATED APPARATUS FOR DETERMINING PHYSIOLOGICAL PARAMETERS

(51) International classification: A61B5/00, A61B5/01, A61B5/021 (71) Name of Applicant: (31) Priority Document No 1)LIONSGATE TECHNOLOGIES INC. :61/646841 (32) Priority Date :14/05/2012 Address of Applicant: 5 6063 Iona Drive Vancouver British (33) Name of priority country Columbia V6T 0B1 Canada :U.S.A. (86) International Application (72)Name of Inventor: :PCT/CA2013/050367 1)PETERSEN Christian Leth :13/05/2013 Filing Date 2) ANSERMINO John Mark (87) International Publication 3)DUMONT Guy :WO 2013/170378 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Methods systems and related apparatus are provided for controlling an electronic device to operate an external sensor connectable to an audio interface of the electronic device by applying a first harmonic driving signal to a first contact and a second harmonic driving signal to a second contact of the audio interface for driving the external sensor receiving a response signal at a third contact of the audio interface adjusting at least one of the first and second harmonic driving signals determining one or more physiological parameters based on characteristics of the first and second harmonic driving signals and the response signal and outputting the determined one or more physiological parameters.

No. of Pages: 47 No. of Claims: 40

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SELF TEST FOR ANALGESIC PRODUCT

(51) International classification	:A61N1/30,A61M37/00	(71)Name of Applicant :
(31) Priority Document No	:13/476960	1)INCLINE THERAPEUTICS INC.
(32) Priority Date	:21/05/2012	Address of Applicant :900 Saginaw Drive Suite 200 Redwood
(33) Name of priority country	:U.S.A.	City CA 94063 U.S.A.
(86) International Application No	:PCT/US2013/029104	2)ALZA CORPORATION
Filing Date	:05/03/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/176728	1)WHITE Bradley E.
(61) Patent of Addition to Application	:NA	2)LEMKE John
Number	:NA	3)HAYTER Paul
Filing Date	.IVA	4)CHEN Corinna X.
(62) Divisional to Application Number	:NA	5)READ Brian W.
Filing Date	:NA	6)DOUGHERTY Jason E.

(57) Abstract:

Electrotransport drug delivery devices system and methods of using configured to determine if a current is present between the anode and cathode when drug is not intended to be delivered by the device. These devices/systems may include an off current module to determine that any current (e.g. which may be inferred by measuring potential difference between the anode and cathode of the device) flowing between the anode and cathode is below a threshold value when the device is not supposed to be delivering drug thereby preventing unintended delivery of drug and/or alerting a user that unintended delivery of drug may occur.

No. of Pages: 82 No. of Claims: 29

(21) Application No.10506/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: CLOCK SYNCHRONIZATION SYSTEM CLOCK SYNCHRONIZATION METHOD AND STORAGE MEDIUM WHEREUPON CLOCK SYNCHRONIZATION PROGRAM IS STORED

(51) International :H04L7/00,H04L12/28,H04W56/00 classification

(31) Priority Document No :2012137859 (32) Priority Date :19/06/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/008412

No :27/12/2012

Filing Date :WO 2013/190602

(87) International Publication

(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)NEC CORPORATION

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72) Name of Inventor: 1)SUZUKI Seitarou

(57) Abstract:

A slave node (104) comprises: N clock replay units (105,107) which carry out a communication in correspondence with each of N master nodes (101,103) compute a propagation delay between each of the master nodes (101,103) and the slave node (104) and carry out a replay of the clocks of each of the master nodes (101 103); a clock comparison unit (108) which carries out isolated comparisons of the clocks of each of the master nodes (101,103) which the N clock replay nodes (105,107) have respectively replayed with a reference clock which the slave node (104) retains; and a reference clock determination unit (109) which carries out upon the respective comparision results which the clock comparison unit (108) has computed a weighting on the basis of the propagation delays computes respective correction values thereof and executes a statistical process using each of the correction values thereby determining the reference clock of the slave node (104). It is thus possible to inexpensively improve precision and reliability of clock synchronization of the slave node.

No. of Pages: 32 No. of Claims: 9

(21) Application No.10507/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: RECOMBINANT MICROORGANISMS MAKE BIODIESEL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12N1/21,C12N15/52,C12P7/64 :61/662467 :21/06/2012 :U.S.A.	(71)Name of Applicant: 1)LANZATECH NEW ZEALAND LIMITED Address of Applicant: 24 Balfour Road Parnell Auckland 1052 New Zealand
(86) International Application No Filing Date	:PCT/NZ2013/000108 :21/06/2013	(72)Name of Inventor : 1)LIEW FungMin 2)KOEPKE Michael
(87) International Publication No	:WO 2013/191567	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A carboxydotrophic acetogenic recombinant microorganism is modified so that it produces biodiesel and optionally one or more other products by fermentation of a substrate comprising CO. Biodiesel is produced by microbial fermentation of a substrate comprising CO. The recombinant microorganism is modified to express one or more exogenous enzymes in the biodiesel biosynthesis pathway not present in a parental microorganism from which the recombinant microorganism is derived. The one or more enzymes comprise a nonspecific acyltransferase.

No. of Pages: 64 No. of Claims: 16

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: RECOMBINANT MICROORGANISMS AND USES THEREFOR

(51) International classification :C12N1/21,C12N15/53,C12N15/60

(31) Priority Document No :61/657292 (32) Priority Date :08/06/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/044865

No :09/06/2013

Filing Date :09/06/2013

(87) International Publication :WO 2013/185123

(61) Patent of Addition to
Application Number :NA

Application Number :NA
Filing Date :NA

(62) Divisional to Application

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)LANZATECH NEW ZEALAND LIMITED

Address of Applicant :24 Balfour Road Parnell Auckland 1052

New Zealand

(72)Name of Inventor:

1)MUELLER Alexander

(57) Abstract:

Carboxydotrophic acetogenic microorganisms do not produce MEK and/or 2-butanol. They lack the biosynthesis pathways to make these products. In addition, they produce the intermediate (R,R)-2,3-butanediol whereas the production of MEK and 2-butanol requires production of the intermediate (R,S)-2,3-butanediol. Nonetheless, the production of MEK and/or 2-butanol can be accomplished using recombinant microorganisms adapted to express or overexpress key enzymes in the MEK and/or 2-butanol biosynthesis pathways. Such microorganisms, such as the carboxydotrophic acetogen Clostridium autoethanogenum, can ferment substrates comprising CO. The overall scheme ivolves the production of 2-butanol from (R,S)-2,3-butanediol and the conversion of (R)-acetoin to (S)-2,3-butanediol. These steps are involved in the production of both MEK and 2-butanol. Such fermentation methods offer a means of using carbon monoxide from industrial processes which would otherwise be released into the atmosphere and pollute the environment.

No. of Pages: 88 No. of Claims: 20

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: AN ABSORBENT COMPOSITION FOR THE SELECTIVE ABSORPTION OF HYDROGEN **SULFIDE**

(51) International :B01D53/14,B01D53/52,B01D53/78 classification

(31) Priority Document No :61/653910 (32) Priority Date :31/05/2012

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

(86) International :PCT/US2013/043102 Application No

:29/05/2013 Filing Date

(87) International Publication :WO 2013/181242

(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)SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30, NL -2596

The Hague Netherlands

2)SHELL OIL COMPANY

(72)Name of Inventor:

1)CRITCHFIELD, James Edward 2) VALENZUELA, Diego Patricio

3) WILSON ,Loren Clark

4)ZHOU, Jingjun

(57) Abstract:

An absorbent composition that is useful in the selective removal of hydrogen sulfide relative to carbon dioxide from gaseous mixtures that comprise both hydrogen sulfide and carbon dioxide and the use thereof. The absorbent composition includes an amine mixture of an amination reaction product of tert- butylamine with a polydispersed polyethylene glycol (PEG) mixture having an average molecular weight within a certain specified range of molecular weights. The amination reaction product may also comprise a first sterically hindered amine and a second sterically hindered amine. The absorbent composition, preferably, includes an organic cosolvent, such as a sulfone compound. A method is also provided for improving the operation of certain gas absorption processes by utilizing the absorbent composition.

No. of Pages: 30 No. of Claims: 22

(21) Application No.10047/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : AN ABSORBENT COMPOSITION FOR THE SELECTIVE ABSORPTION OF HYDROGEN SULFIDE AND A PROCESS OF USE THEREOF

(51) International :B01D53/14,B01D53/52,B01D53/78

classification (31) Priority Document No :61/653920 (32) Priority Date :31/05/2012

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

(86) International :PCT/US2013/043105

Application No Filing Date :29/05/2013

(87) International Publication :WO 2013/181245

No
(61) Potent of Addition to

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

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

(71)Name of Applicant:

1)SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30, NL-2596

The Hague Netherlands

2)SHELL OIL COMPANY

(72)Name of Inventor:

1)CRITCHFIELD, James Edward 2)VALENZUELA, Diego Patricio

3)WILSON, Loren Clark

4)ZHOU, Jingjun

(57) Abstract:

An absorbent composition that is useful in the selective removal of hydrogen sulfide relative to carbon dioxide from gaseous mixtures that comprise both hydrogen sulfide and carbon dioxide and the use thereof. The absorbent composition includes an aqueous solvent that comprises an amine mixture, comprising an amination reaction product of tert- butylamine and a polydispersed polyethylene glycol mixture, and water with a concentration of an added strong acid to inhibit phase separation of the aqueous solvent. The operation of certain gas absorption processes can be improved by the use of the absorbent composition.

No. of Pages: 33 No. of Claims: 24

(22) Date of filing of Application :09/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: COATING SLIPS FOR PAPER AND CARDBOARD CONTAINING A DEXTRIN WITH A HIGH AMYLOPECTIN CONTENT

(51) International :D21H17/28,D21H19/54,C08B30/18 classification

(31) Priority Document No :12 56542 (32) Priority Date :06/07/2012

(33) Name of priority :France

country

(86) International :PCT/FR2013/051604 Application No

:05/07/2013 Filing Date

(87) International Publication :WO 2014/006346

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

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

Filing Date (57) Abstract:

(71)Name of Applicant: 1)ROOUETTE FRERES

Address of Applicant: 1 rue de la Haute Loge F 62136

Lestrem France

(72) Name of Inventor: 1)BOUXIN Christian 2)ONIC Ludivine 3)PAJARI Timo

The present invention relates to coating slips containing a dextrin with a high amylopectin content. When such a dextrin is in the form of an adhesive it confers excellent stability on said adhesive. Once incorporated into the coating slip this adhesive makes it possible to regulate the Brookfield viscosity while at the same time providing a good compromise between water retention and rheological behaviour at high shear gradient. The present invention also relates to the use of this dextrin for manufacturing a coating slip. It is also directed towards a method for manufacturing a paper or a cardboard coated on at least one side thereof with a slip according to the invention. Finally it encompasses the resulting papers and cardboards.

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :09/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: IMMUNOCONJUGATES COMPRISING ANTI CD22 ANTIBODIES

 (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 	:A61K47/48,A61P35/00 :61/669272 :09/07/2012 :U.S.A. :PCT/US2013/049515 :08/07/2013 :WO 2014/011518 :NA :NA :NA	(71)Name of Applicant: 1)GENENTECH INC. Address of Applicant: 1 DNA Way South San Francisco California 94080 U.S.A. 2)SPIROGEN SARL (72)Name of Inventor: 1)POLAKIS Paul 2)POLSON Andrew 3)SPENCER Susan Diane 4)YU Shang Fan 5)FLYGARE John A. 6)GUNZNER TOSTE Janet L. 7)PILLOW Thomas Harden 8)HOWARD Philip Wilson 9)MASTERSON Luke
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(57) Abstract:

The invention provides immunoconjugates comprising anti CD22 antibodies covalently attached to a pyrrolobenzodiazepine and methods of using the same.

No. of Pages: 142 No. of Claims: 45

(21) Application No.10511/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: DEVICE FOR COOLING A FILM COMPRISING A LEVER SYSTEM

(51) International

:B29C47/88,B29C47/92,H01H37/52 classification

(31) Priority Document No :10 2012 104 963.7 (32) Priority Date :08/06/2012 (33) Name of priority country: Germany

(86) International Application :PCT/EP2013/061298

:31/05/2013 Filing Date

(87) International Publication :WO 2013/182493 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)WINDM-LLER & H-LSCHER KG

Address of Applicant: M¹/₄nsterstr. 50 49525 Lengerich

Germany

(72) Name of Inventor:

1)RBBELKE Ingo 2) JOPPE Markus

(57) Abstract:

The invention relates to a device for cooling a film (1) which can be produced in a film extrusion system in particular comprising a housing (11) that has at least one channel (12) at least one inlet opening (13) and at least one outlet opening (14) through which a cooling gas (2) can flow and comprising an adjusting arrangement (10) with which the cooling gas (2) volumetric flow rate that can flow out of the outlet opening (14) and the temperature of the cooling gas (2) that can flow out of the outlet opening (14) can be adjusted. According to the invention the adjusting arrangement (10) comprises a lever system which has a movable actuator (15) and a movable valve element (16) said actuator (15) acting on the valve element (16) such that an actuating effect of the valve element (16) is reinforced.

No. of Pages: 18 No. of Claims: 17

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTIMODE OPTICAL FIBER AND SYSTEM COMPRISING SUCH FIBER

(51) International classification :G02B6/028,G02B6/036 (31) Priority Document No :13/484970 (32) Priority Date :31/05/2012 (33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

10.3.A.

1

(87) International Publication No :WO 2013/181182

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

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

(71)Name of Applicant:

1)CORNING INCORPORATED

Address of Applicant :1 Riverfront Plaza, Corning, New York

14831 U.S.A.

2)BICKHAM, Scott Robertson 3)BOOKBINDER, Dana Craig

4)LI, Ming-Jun 5)TANDON, Pushkar (72)Name of Inventor:

1)BICKHAM, Scott Robertson

2)LI ,Ming- Jun

3)BOOKBINDER, Dana Craig

4)TANDON, Pushkar

(57) Abstract:

One exemplary multimode optical fiber includes a graded index glass core having a diameter in the range of 41 microns to 80 microns, a graded index having an alpha less than 2.04 and a maximum relative refractive index in the range between 0.6% and 1.8%. The cladding includes a depressed- index annular portion. The fiber has an overfilled bandwidth greater than 2.5 GHz -km at at least one wavelength between 1200 nm and 1700 nm.

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

(21) Application No.10067/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TRITYLATED ALKYL ARYL ETHERS

(51) International classification	:C10L1/185,C07C43/205	(71)Name of Applicant:
(31) Priority Document No	:61/668535	1)ANGUS CHEMICAL COMPANY
(32) Priority Date	:06/07/2012	Address of Applicant: 1500 East Lake Cook Road, Buffalo
(33) Name of priority country	:U.S.A.	Grove, IL 60089 U.S.A.
(86) International Application No	:PCT/US2013/048881	2)ROHM AND HAAS COMPANY
Filing Date	:01/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/008164	1)GREEN ,George David
(61) Patent of Addition to Application	:NA	2)SWEDO, Raymond
Number	:NA	3)BUTTERICK, Robert
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A compound having formula $(Ph3C)mAr(R1)j(OR2)\check{z}$, wherein Ph represents a phenyl group, Ar is an aromatic ring system having from six to twenty carbon atoms, R1 and R2 independently are Ci- Cis alkyl or C4-C 18heteroalkyl, m is one or two, j is an integer from one to four and n is an integer from one to three.

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

(21) Application No.10527/DELNP/2014 A

1)KRAUSSMAFFEI TECHNOLOGIES GMBH

Address of Applicant: Krauss Maffei Str. 2 80997 M¹/₄nchen

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SEAL FOR USE IN AN EXTRUSION DEVICE

(51) International classification :B29C47/08,B29C47/90,F16J15/52

(31) Priority Document No :10 2012 106 035.5

(32) Priority Date :05/07/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/064315

No :PC1

Filing Date .03/07/201

(87) International Publication :WO 2014/006210

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

Filing Date
(62) Divisional to Application
Number
Filing Date

NA

NA

NA

:05/07/2013 2)GEYER M

1)ALTMANN Aron 2)GEYER Mathias

(72) Name of Inventor:

Germany

(71)Name of Applicant:

(57) Abstract:

The invention relates to a seal (300) for use in an extrusion device for producing continuous profiles in particular plastics pipes. In order to achieve a reliable sealing action in the case of large pipe diameters and to achieve further advantages while avoiding chattering or stick slip effects provision is made of a seal (300) according to the invention having an elastic sealing disc (326) which is arranged in a plane approximately perpendicularly to the extrusion direction and has a through passage opening (332) letting through the continuous profile and having a sealing rim bearing against the continuous profile and also has connection means (328) arranged along the sealing rim and also having clamping means (320) for exerting a force on the connection means (328) said force acting radially with respect to the extrusion axis wherein the clamping means (320) are arranged in a plane parallel to the sealing disc (326) have a passage opening (332) for the continuous profile and comprise connecting means (324) for connecting the connection means (328) to the clamping means (320).

No. of Pages: 29 No. of Claims: 11

(21) Application No.10528/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR GENERATION OF HYDROGEN GAS

 (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 	:C01B3/06 :61/672456 :17/07/2012 :U.S.A. :PCT/US2013/049000 :02/07/2013 :WO 2014/014649 :NA :NA	(72)Name of Inventor:1)CUMMINS Richard2)CLARK Michael B.3)MILLAR Dean
		, ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for generation of hydrogen by adding a liquid containing water and at least one organic acid to a solid composition containing at least one alkali metal borohydride and at least one carbon selected from activated carbon derived from coal and carbon black derived from peat.

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

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : ROTOR MILL HAVING DIRECT OR INDIRECT COOLING OF THE MILLING CHAMBER OF THE ROTOR MILL

 (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 	:B02C18/06 :10 2012 105 166.6 :14/06/2012 :Germany :PCT/EP2013/062380 :14/06/2013 :WO 2013/186362 :NA :NA	(71)Name of Applicant: 1)RETSCH GMBH Address of Applicant: Retsch Allee 1 5 42781 Haan Germany (72)Name of Inventor: 1)NIEWIND Matthias 2)JANETTA Frank
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a rotor mill for laboratory operation comprising a rotor coupled to a drive motor as a milling tool a ring sieve (28) surrounding the milling chamber (25) of the rotor (18) and an annular collecting container (26) for the ground milling material which collecting container is arranged on the outer circumference of the ring sieve (28) and can be inserted into the housing of the rotor mill and is provided with a cover (29) the milling unit comprising the rotor (18) the ring sieve (28) and the collecting container (26) being closable by a housing cover (15) having a milling material inlet opening (17) is characterized in that at least one component of the milling unit and/or of the rotor mill that directly or indirectly surrounds the milling chamber (25) of the rotor (18) is designed for conducting and/or accommodating a cooling medium and/or for cooling by means of a gaseous cooling fluid flowing around on the outside said gaseous cooling fluid having being introduced into the housing.

No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ANIMATION PLAYING METHOD, DEVICE AND APPARATUS

(51) International classification	:G06T13/00,G06F3/048	(71)Name of Applicant:
(31) Priority Document No	:201210324327.5	1)XIAOMI INC.
(32) Priority Date	:04/09/2012	Address of Applicant :Floor 13 Rainbow City Shopping Mall
(33) Name of priority country	:China	II of China Resources, No.68, Qinghe Middle Street, Haidian
(86) International Application No	:PCT/CN2013/079301	District, Beijing, 100085 China
Filing Date	:12/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/036857	1)LI ,Jiangtao
(61) Patent of Addition to Application	:NA	2)WANG, Min
Number	:NA	3)SUN ,Peng
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an image processing technology. Provided are an animation playing method, device and apparatus, the method comprising: before playing an animation at a predetermined frame rate, drawing a supplementary image on a moving path between every two frames of adjacent images of the animation; and playing the animation drawn with the supplementary image at the predetermined frame rate. By drawing a supplementary image between frames, the discontinuity and ghost image generated between two frames when an animation is played at a predetermined frame rate are eliminated thus a user can obtain a more realistic and consecutive visual experience.

No. of Pages: 21 No. of Claims: 19

(21) Application No.10518/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: OSTOMY APPLIANCE

(51) International :A61F5/442,A61F5/445,A61F5/441

classification (31) Priority Document No :61/645118

(32) Priority Date :10/05/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/IL2013/050401

No :09/05/2013

Filing Date

(87) International Publication :WO 2013/168165

(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)STIMATIX GI LTD.

Address of Applicant :17 Thelet Street Misgav Business Park

2017400 Doar Na Misgav Israel

(72)Name of Inventor:

1)HANUKA David

2)OR Meir 3)ZISO Hadas

An ostomy appliance (100) comprising an adaptor (108) having a distal end (124) adapted to be coupled to an ostomy wafer (102) and a proximal end (120) adapted to be coupled to a cap (110) said distal end having an opening (126) in fluid communication with an opening (122) in said proximal end.

No. of Pages: 108 No. of Claims: 49

(21) Application No.10519/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: IMPROVED VACUUM DRIER FOR INDUSTRIAL HIDES

 (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 	:C14B1/58 :VI2013A000138 :17/05/2013 :Italy :PCT/IB2013/055338 :28/06/2013 :WO 2014/184621 :NA :NA	(71)Name of Applicant: 1)OFFICINE DI CARTIGLIANO SPA Address of Applicant: Via San Giuseppe 2 I 36050 Cartigliano (VI) Italy (72)Name of Inventor: 1)POLATO Antonio
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vacuum drier (1) for drying industrial hides (P) comprises: a body having a bearing structure (2) a pair of end uprights (4) substantially vertical guide means a lower base (6) and an upper cover (7) a plurality of tables (12) for supporting the hides (P) which are adapted to be peripherally and sealingly coupled to define vacuum chambers (15); drive means for vertically moving the tables (12) along the guide means which are connected to a power unit (16) heating means for the tables (12) for heating the hides connected to a hydraulic station (17) vacuum means (26) adapted for selective connection to the tables (12) for drawing vapors released from the hides (P) control means (29) for controlling the drive means the heating means and the vacuum means (26) a suction line for connecting the chambers with the vacuum means (26) a vapor manifold (30) and connection tubing (31). The vacuum means (26) the power unit (16) the hydraulic station (17) and the control means (29) are mounted to the bearing structure (2) in the plan projection of the body. The vapor manifold (30) is directly mounted to an upright (4) near the tables (12).

No. of Pages: 27 No. of Claims: 12

(21) Application No.10520/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : 3GPP BASED CONTROL AND MANAGEMENT ARCHITECTURE FOR SMALL CELL BACKHAUL SOLUTIONS

 (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 	:H04W84/04 :61/669733 :10/07/2012 :U.S.A. :PCT/IB2013/055225 :25/06/2013 :WO 2014/009828 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant:S 164 83 Stockholm Sweden (72)Name of Inventor: 1)LARAQUI Kim 2)MICKELSSON Hans 3)GUSTAFSSON Kre
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A small cell backhaul network (402) is described herein which is configured to interact with a 3GPP core (404) and further configured to enable mobile broadband sen ices (406) to be provided to 3GPP mobile ienninals (408a 408b). In addition the small cell backhaul network s components namely a small cell radio base station (410a 410b) a small ceil hub (412) a small cell backhaul controller (414) and a small cell backhaul storage unit (416) are described herein.

No. of Pages: 46 No. of Claims: 39

(21) Application No.10521/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: LAMINAR FLOW DROPLET GENERATOR DEVICE AND METHODS OF USE

(51) International classification: A61F9/00,B05B17/00,B05B17/06 (71) Name of Applicant:

(31) Priority Document No :61/646721 (32) Priority Date :14/05/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/040927

No :14/05/2013 Filing Date

(87) International Publication

:WO 2013/173321

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

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

1) CORINTHIAN OPHTHALMIC, INC.

Address of Applicant: 148 Hwy 105 Extension, Suite 103,

Boone, North Carolina 28607 U.S.A.

(72) Name of Inventor:

1)WILKERSON Jonathan Ryan

2)LYNCH Ivam

3) **GERMINARIO** Louis Thomas

4) HUNTER Charles Eric

(57) Abstract:

A piezoelectric ejector device is provided which is designed to minimize the intake of air into the device upon actuation by providing for laminar flow of the fluid. In an ejector mechanism that includes a generator plate and a piezoelectric actuator operable to directly or indirectly oscillate the generator plate at a frequency to generate a directed stream of droplets of fluid the generator plate includes a fluid facing surface a droplet ejection surface and a plurality of holes formed through its thickness between the surfaces. The plurality of holes are configured so as to minimize airflow through the plurality of openings from the droplet ejection surface to the fluid facing surface during generation of the directed stream of droplets by configuring the shape of the holes to minimize turbulence.

No. of Pages: 32 No. of Claims: 25

(21) Application No.10536/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention : BIOMASS CONVERSION SYSTEMS PROVIDING INTEGRATED STABILIZATION OF A HYDROLYSATE USING A SLURRY CATALYST AND METHODS FOR USE THEREOF

(51) International classification :D21C3/22,C12P19/02,C10L1/04 (71) Name of Applicant: (31) Priority Document No 1)SHELL INTERNATIONALE RESEARCH :61/665641 (32) Priority Date :28/06/2012 MAATSCHAPPIJ B.V. (33) Name of priority country Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The :U.S.A. (86) International Application Hague Netherlands :PCT/US2013/048207 (72) Name of Inventor: :27/06/2013 Filing Date 1)POWELL Joseph Broun (87) International Publication :WO 2014/004842 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Digestion of cellulosic biomass solids to form a hydrolysate may be conducted with integrated catalytic reduction during digestion to transform soluble carbohydrates in the hydrolysate into a more stable reaction product. Such integrated catalytic reduction may be conducted using a slurry catalyst. Biomass conversion systems for performing integrated catalytic reduction can comprise: a hydrothermal digestion unit that contains a slurry catalyst capable of activating molecular hydrogen; an optional hydrogen feed line that is operatively connected to the hydrothermal digestion unit; and a fluid circulation loop comprising the hydrothermal digestion unit and a catalytic reduction reactor unit the catalytic reduction reactor unit also containing the slurry catalyst.

No. of Pages: 61 No. of Claims: 15

(21) Application No.10537/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ASSEMBLY FOR MOUNTING SHADES

(51) International classification (31) Priority Document No	:A47H1/00,A47H1/10 :61/647445	(71)Name of Applicant: 1)GEIGTECH EAST BAY LLC
(32) Priority Date	:15/05/2012	Address of Applicant :143 East Bay Street Charleston SC
(33) Name of priority country	:U.S.A.	29401 U.S.A.
(86) International Application No	:PCT/US2013/041175	(72)Name of Inventor:
Filing Date	:15/05/2013	1)GEIGER James
(87) International Publication No	:WO 2013/173471	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The present embodiments provide for a system of fastening devices e.g. mounts brackets and assemblies for installing roller window shades. In one embodiment the fastening device system comprises two one piece disk shaped mounting brackets one for each end of a shade tube wherein the mounting brackets are configured such that in use the outer circumference of the brackets are visible; the mounting means being largely hidden within the bracket or by the shade. In a particular embodiment the fastening system is designed for use with motorized shades wherein one mounting bracket is configured to key the shade motor and one mounting bracket is configured to receive the idler pin.

No. of Pages: 33 No. of Claims: 23

(21) Application No.10538/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: PRODRUG OF FLUORINE CONTAINING AMINO ACID

(51) International

:C07C229/50,A61K31/265,A61K31/357

classification (31) Priority Document

:2012126162

:Japan

:NA

:31/05/2013

:PCT/JP2013/065202

:01/06/2012 (32) Priority Date

(33) Name of priority

country

(86) International

Application No

Filing Date (87) International

:WO 2013/180271 Publication No

(61) Patent of Addition to :NA

Application Number Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant:

1)TAISHO PHARMACEUTICAL CO. LTD.

Address of Applicant :24 1 Takada 3 chome Toshima ku

Tokyo 1708633 Japan

(72) Name of Inventor:

1)HASHIHAYATA Takashi

2)OTAKE Norikazu 3)MIYAKOSHI Naoki 4)SAKAGAMI Kazunari

(57) Abstract:

Provided are a fluorine containing amino acid prodrug represented by general formula (I) that makes a fluorine containing amino acid which is a group 2 metabotropic glutamate receptor agonist into a prodrug or a pharmacologically acceptable salt thereof. More specifically provided is a prodrug that increases the in vivo exposure and heightens the oral absorbability and other such mucosal absorbability of a novel compound that acts on group 2 metabotropic glutamate receptors as an agent for the treatment or prevention of conditions in which group 2 metabotropic glutamate receptors are said to participate such as: schizophrenia anxiety disorder and related conditions depression bipolar disorder epilepsy developmental disorders sleep disorders and other such neuropsychiatric conditions; and drug dependence cognitive disorders Alzheimer s disease Huntington s chorea Parkinson s disease movement disorders associated with muscular rigidity cerebral ischemia cerebral insufficiency spinal cord disorders cephalopathy and other such neurological conditions.

No. of Pages: 87 No. of Claims: 10

(21) Application No.10539/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: POLYMER SHEET

(51) International :H01L31/048,H01L31/055,B32B17/10 classification

(31) Priority Document No :2008839

(32) Priority Date :16/05/2012 (33) Name of priority :Netherlands country

(86) International :PCT/EP2013/060076

Application No :15/05/2013

Filing Date (87) International

:WO 2013/171275 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)NOVOPOLYMERS N.V.

Address of Applicant : Rijksweg 8A B 2870 Puurs Belgium

(72)Name of Inventor:

1)DECLERCK Johan Willy

2)HASAERS Koen

3)PROOST Kristof

(57) Abstract:

The invention is directed to a polymer sheet and its use as part of a solar paneland glass element. The sheet comprises multiple coextruded polymer layers wherein at least two or more layers of the polymer sheet comprise a luminescence downshifting compound for at least partially absorbing radiation having a certain wavelength and re emitting radiation at a longer wavelength than the wavelength of the absorbed radiation and wherein a luminescence downshifting compound in a first polymer layer can absorb more radiation at a lower wavelength than the luminescence downshifting compound present in a next layer.

No. of Pages: 34 No. of Claims: 24

(21) Application No.10083/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: FUEL SUPPLY DEVICE

(51) International classification :F02M37/10,F02M37/00,F02M37/22

(31) Priority Document No :2012121860 (32) Priority Date :29/05/2012

(33) Name of priority :Japan

country (86) International

(86) International :PCT/JP2013/064716

Application No Filing Date :28/05/2013

(87) International

Publication No :WO 2013/180099

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

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

(71)Name of Applicant:

1)MITSUBA CORPORATION

Address of Applicant :2681, Hirosawa- cho, 1 -chome ,Kiryu-

shi ,Gunma 376-8555 Japan (72)Name of Inventor :

1)NAKAMURA Taichi 2)IKARUGI Takao

3)SHIMOGAWA Maki 4)HORISOKO Shinichiro

5)SATO Hiroshi 6)TAKEUCHI Naoki

(57) Abstract:

A flange unit (4) has a flange section (12) which is mounted to the bottom wall of a fuel tank and a tube section (15) which is formed so as to surround a fuel pump (3) and to which an upper cup (25) can be mounted in a removable manner. A suction filter (80) is provided between the tube section (15) and the fuel pump (3). The suction filter (80) is formed so as to extend along the outer peripheral surface of the fuel pump (3) in the axial direction of the fuel pump (3).

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

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: CRYSTALLINE FORMS OF AN ANDROGEN RECEPTOR MODULATOR

(51) International classification

:C07D401/04,A61K31/4439,A61K31/4184

(31) Priority

:61/656888 Document No

(32) Priority Date :07/06/2012 (33) Name of priority

:U.S.A. country (86) International

:PCT/US2013/044116 Application No :04/06/2013

Filing Date

(87) International :WO 2013/184681

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)ARAGON PHARMACEUTICALS, INC.

Address of Applicant: 12780 El Camino Real, Suite 301, San

Diego, CA 92130 U.S.A.

2)SLOAN KETTERING INSTITUTE FOR CANCER

RESEARCH

(72) Name of Inventor:

1)SMITH, Nicholas, D.

2) HERBERT, Mark, R.

3)OUERFELLI, Ouathek

4)DILHAS, Anna

(57) Abstract:

Described herein are amorphous and crystalline forms of the androgen receptor modulator 4-[7- (6- cyano- 5- trifluoromethylpyridin 3- yl)- 8 oxo -6- thioxo- 5, 7 diazaspiro[3.4]oct- 5- yl]- 2- fluoro- N- methylbenzamide. Also described are pharmaceutical compositions suitable for administration to a mammal that include the androgen receptor modulator, and methods of using the androgen receptor modulator, alone and in combination with other compounds, for treating diseases or conditions that are associated with androgen receptor activity.

No. of Pages: 73 No. of Claims: 69

(21) Application No.10085/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ARTICLE DISPENSING

(51) International classification	:B65B39/00,B65B25/00	(71)Name of Applicant:
(31) Priority Document No	:13/483787	1)MULTISORB TECHNOLOGIES INC.
(32) Priority Date	:30/05/2012	Address of Applicant :325 Harlem Road, Buffalo ,New York
(33) Name of priority country	:U.S.A.	14224 1893 U.S.A.
(86) International Application No	:PCT/US2013/042707	(72)Name of Inventor:
Filing Date	:24/05/2013	1)BRUG ,Mark,
(87) International Publication No	:WO 2013/181106	2)KAMAS, Brian D.
(61) Patent of Addition to Application	:NA	3)KERKESLAGER ,Jason
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus for dispensing sorbent canisters into containers includes a first wheel and a second wheel, disposed to rotate with each other. A first plate is disposed between the first and second wheels and a second plate is disposed on a side of the second wheel opposite the first wheel.

No. of Pages: 54 No. of Claims: 15

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: DIGESTION UNITS CONFIGURED FOR HIGH YIELD BIOMASS PROCESSING

 (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 	:D21C7/00,D21C7/14 :61/665717 :28/06/2012 :U.S.A. :PCT/US2013/048212 :27/06/2013 :WO 2014/004844 :NA :NA	 (72)Name of Inventor: 1)DENTON Edward James 2)FLOWERS Thomas Lamar 3)KOMPLIN Glenn Charles
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	-

(57) Abstract:

Digestion units for processing cellulosic biomass can comprise a chamber having a height that is greater than its width the chamber having an opening suitable for solids introduction located within the upper 20% of its height; one or more first fluid conduits connected to the chamber within the lower 20% of its height at least one of the first fluid conduits extending into the chamber and being elevated above the bottom of the chamber; one or more second fluid conduits connected to the chamber within the upper 20% of its height at least one of the first fluid conduits being fluidly coupled to at least one of the second fluid conduits; a porous medium located in the chamber within the lower 20% of its height; and a movable pressure isolation device covering the opening; wherein the digestion unit is operable to maintain a pressure of at least 30 bar.

No. of Pages: 45 No. of Claims: 18

(21) Application No.10545/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRIC PLUG IN SYSTEM

(51) International classification :H01R13/58,H01R13/629 (71)Name of Applicant : 1)ROBERT BOSCH GMBH (31) Priority Document No :10 2012 214 433.1 (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :14/08/2012 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2013/066587 (72) Name of Inventor: Filing Date :07/08/2013 1)PADE Wolfgang (87) International Publication No :WO 2014/026899 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed is a plug-in System (10) for a control unit in a vehicle, comprising a plug (12a, 12b), e.g. a wiring harness connector, and a plug-in module (14a, 14b). The plug (12a, 12b) is designed to establish an electric connection to the plug-in module (14a, 14b). The plug (12a, 12b) has a plug member (16) inside which a plurality of electric contacts is accommodated and which includes a plug base (18) that is designed to accept a shroud (38) of the plug-in module (14a, 14b). The plug (12a, 12b) also has a plug lever (22) which is designed to be moved from an initial position to a final Position, thus pulling the plug (12a, 12b) in the direction of the plug-in module (14a, 14b) by means of a lever arm (24) that engages with the plug-in module (14a, 14b). The plug lever (22) can be mounted on the plug member (16) in two orientations. In both orientations, the lever arm (24) and the plug-in module (14a, 14b) engage with each other in such a way that the plug (12a, 12b) can be pulled in the direction of the plug-in module (14a, 14b).

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

(21) Application No.10512/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : RECEIVER COIL ASSEMBLY WITH AIR AND FERROMAGNETIC CORED SENSORS FOR GEOPHYSICAL SURVEYING

 (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 	:G01V3/10,G01V3/165 :NA :NA :NA :PCT/CA2012/050322 :17/05/2012 :WO 2013/170340 :NA	(71)Name of Applicant: 1)GEOTECH AIRBORNE LIMITED Address of Applicant: Suite 2 Building No. 4 Manor Lodge Complex Lodge Hill St. Michael BB12002 Barbados (72)Name of Inventor: 1)DODDS Jack
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A receiver coil assembly for performing geophysical surveys including a hollow outer shell defining a continuous internal passage that forms a loop; a multiturn receiver air coil extending around the continuous internal passage; and a first cored coil comprising multiturn solenoid windings about a ferromagnetic core the first cored coil located adjacent a region of the air coil within the internal passage and having a sensing axis in a different direction than a sensing axis of the air coil.

No. of Pages: 42 No. of Claims: 24

(21) Application No.10513/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : SERINOL PRODUCTION IN GLYCEROL CATABOLISM DEFICIENT *ESCHERICHIA COLI* STRAINS

(51) International classification	:C12N9/10,C12N15/52,C12P7/02	(71)Name of Applicant:
(31) Priority Document No	:61/700956	1)BASF SE
(32) Priority Date	:14/09/2012	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:U.S.A.	2)WESTFAELISCHE WILHELMS-UNIVERSITAET
(86) International Application	:PCT/EP2013/068236	MUENSTER
No	:04/09/2013	(72)Name of Inventor:
Filing Date	:04/09/2013	1)MAKSYM Lukas
(87) International Publication	:WO 2014/040888	2)STEINBCHEL Alexander
No	. W O 2014/040888	3)ANDREEEN Bjrn
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	11 12 2	

(57) Abstract:

The invention is about E. coli host cells which are capable to convert glycerol to serinol. Furthermore, a process for producing serinol is disclosed, which comprises culturing E. coli host cells inactive for triosephosphate isomerase and active for dihydroxyacetone phosphate aminotransferase to convert glycerol to serinol, induction of conversion from glycerol to serinol by adding at least glycerol to the cell culture, and isolating serinol from the cell culture.

No. of Pages: 29 No. of Claims: 17

(21) Application No.10514/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: SYSTEM AND METHOD OF MONITORING AND CONTROL OF ULTRAFILTRATION VOLUME DURING PERITONEAL DIALYSIS USING SEGMENTAL BIOIMPEDANCE

(51) International :A61B5/1455,A61B5/00,A61B5/05

classification

(31) Priority Document No :61/657271 (32) Priority Date :08/06/2012 (33) Name of priority country :U.S.A.

(86) International Application

:PCT/US2013/044795 No

:07/06/2013 Filing Date

(87) International Publication :WO 2013/185080

(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 MEDICAL CARE HOLDINGS INC.

Address of Applicant: 920 Winter Street Waltham MA 02451

U.S.A.

(72) Name of Inventor:

1)ZHU Fansan

2) LEVIN Nathan W.

(57) Abstract:

A peritoneal dialysis (PD) system for infusing a volume of PD solution into a patient's peritoneal cavity in order to perform peritoneal dialysis on the patient includes a peritoneal cavity monitor (PCM) that measures this volume of fluid in the patient's peritoneal cavity by segmental bioimpedance spectroscopy (SBIS) to thereby determine an ultrafiltration volume of fluid in the patient s peritoneal cavity and a switch controlled by the PCM for filling the patient's peritoneal cavity and draining the patient's peritoneal cavity when the ultrafiltration volume is unchanged over time significantly decreased or decreasing at a significant rate.

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

(21) Application No.10515/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

:15/10/2008

(54) Title of the invention: METHOD FOR CONTROL OF BLOOD KINETICS OF ANTIBODY

(51) International classification	:C07K16/00	(71)Name of Applicant :
(31) Priority Document No	:2006-097796	1)CHUGAI SEIYAKU KABUSHIKI KAISHA
(32) Priority Date	:31/03/2006	Address of Applicant :5-1, Ukima 5-chome, Kita-ku, Tokyo
(33) Name of priority country	:Japan	1158543, Japan Japan
(86) International Application No	:PCT/JP2007/057036	(72)Name of Inventor:
Filing Date	:30/03/2007	1)IGAWA, Tomoyuki
(87) International Publication No	:WO 2007/114319	2)TSUNODA, Hiroyuki
(61) Patent of Addition to Application	:NA	3)TACHIBANA, Tatsuhiko
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:8640/DELNP/2008	

(57) Abstract:

Filed on

The present inventors discovered that the half-life in blood of an IgG antibody which is a polypeptide comprising an FcRn-binding domain can be controlled by controlling the surface charge through modification of residues exposed on the surface among residues in the variable regions of the IgG antibody. Antibodies whose half-life in blood had been controlled by the methods of the present invention were confirmed to actually retain the original activity. the methods of the present invention are widely applicable to polypeptides comprising an FcRn binding domain, such as IgG antibodies, which are recycled via the FcRn salvage pathway regardless of the type of target antigen.

No. of Pages: 66 No. of Claims: 28

(21) Application No.10517/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CLOSING SYSTEM FOR A CONTAINER

(51) International classification	:B65D47/26,B65D51/00	(71)Name of Applicant :
(31) Priority Document No	:12305971.9	1)BECTON DICKINSON FRANCE
(32) Priority Date	:03/08/2012	Address of Applicant :rue Aristide Berg s F 38800 Le Pont de
(33) Name of priority country	:EPO	Claix France
(86) International Application No	:PCT/EP2013/066161	(72)Name of Inventor:
Filing Date	:01/08/2013	1)CARREL Franck
(87) International Publication No	:WO 2014/020100	2)MARITAN Lionel
(61) Patent of Addition to Application	:NA	3)PEROT Frdric
Number	:NA	4)VAUPRES Maxime
Filing Date	.INA	5)CORBIN Jean Yves
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a closing system for a container to be hold with a single hand said closing system comprising: a cap (40) comprising a a skirt and a transversal wall (41) provided with an access port (44) a cover (60) substantially parallel to said cap and comprising a guiding member intended to be used by a user to manipulate said cover a hinge (46 66) allowing a planar rotation of the cover (60) regarding the cap (40) from a first position closing said access port (44) to a second position giving access to the access port.

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

(21) Application No.10550/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: NANOCERIA FOR THE TREATMENT OF OXIDATIVE STRESS

(51) International classification :A61K9/10,A61K9/51,A61K33/00 (71)Name of Applicant :

:NA

(31) Priority Document No :61/689806 (32) Priority Date :13/06/2012 (33) Name of priority country :U.S.A.

(86) International Application

:PCT/US2013/032318

:15/03/2013 Filing Date

(87) International Publication

:WO 2013/187980 (61) Patent of Addition to

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

Filing Date

1) CERION ENTERPRISES LLC

Address of Applicant :One Blossom Road Rochester NY

14610 U.S.A.

(72) Name of Inventor:

1) REED Kenneth Joseph 2)COSTANZO Wendi Ann 3) ERLICHMAN Joseph Samuel

4)BELL Eric Leslie

(57) Abstract:

A process for making nanoparticles of biocompatible materials is described wherein an aqueous reaction mixture comprising cerous ion citric acid and ethylenediaminetetraacetic acid in a predetermined ratio an oxidant and water is provided along with temperature conditions to directly form without isolation a stable dispersion of cerium oxide nanoparticles. These biocompatible cerium oxide nanoparticles may be used to prevent and/or treat oxidative stress related diseases such as stroke relapse/remitting multiple sclerosis chronic progressive multiple sclerosis amyotrophic lateral sclerosis and ischemic reperfusion injury.

No. of Pages: 77 No. of Claims: 15

(21) Application No.10551/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: N-SUBSTITUTED SECOND GENERATION DERIVATIVES OF ANTIFUNGAL ANTIBIOTIC AMPHOTERICIN B AND METHODS OF THEIR PREPARATION AND APPLICATION

(51) International :C07H17/08,A61K31/7048,A61P31/04

classification

(31) Priority Document No: P.399545 (32) Priority Date :15/06/2012 (33) Name of priority

:Poland country (86) International :PCT/EP2013/062436

Application No

:14/06/2013 Filing Date

(87) International

:WO 2013/186384 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)BLIRT S.A.

Address of Applicant: Trzy Lipy 3/1.38 PL 80 172 Gdansk

Poland

(72) Name of Inventor: 1)BOROWSKI Edward 2)SALEWSKA Natalia

3)BOROS MAJEWSKA Joanna

4)MILEWSKA Maria 5)WYSOCKA Malgorzata 6)MILEWSKI Slawomir

7)LACKA Izabela 8)SABISZ Michal

(57) Abstract:

The invention provides semisynthetic N substituted derivatives of the antifungal antibiotic Amphotericin B and water soluble salts and complexes pharmaceutical compositions and plant and building treatment products comprising the derivatives and their use as antifungal antibiotics.

No. of Pages: 71 No. of Claims: 37

(19) INDIA

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

(21) Application No.10552/DELNP/2014 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: BIPOLAR BATTERY 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 	:H01M6/48 :61/550,657 :24/10/2011 :U.S.A. :PCT/US2012/033744 :16/04/2012 : NA :NA	(71)Name of Applicant: 1)ADVANCED BATTERY CONCEPTS, LLC Address of Applicant: 720 N. Industrial Drive, Midland, MI 48642, United States of America U.S.A. (72)Name of Inventor: 1)SHAFFER, Edward, O. II 2)HOBDAY, Donald
· · ·	:NA :NA :2198/DELNP/2014 :24/03/2014	

(57) Abstract:

The invention relates to an article comprising: a) one or more stacks of battery plates comprising one or more bipolar plates; b) located between each plate is a separator and a liquid electrolyte; further comprising one of more of the features: 1) c) the one or more stacks of battery plates having a plurality of channels passing transversely though the portion of the plates having the cathode and/or the anode deposited thereon; and d) i) one or more seals about the periphery of the channels which prevent the leakage of the liquid electrolyte into the channels, and/or posts located in one or more of the channels having on each end an overlapping portion that covers the channel and sealing surface on the outside of the monopolar plates adjacent to the holes for the transverse channels and applies pressure on the sealing surface of the monopolar plates wherein the pressure is sufficient to withstand pressures created during assembly and operation of electrochemical cells created by the stacks of battery plates; 2) c) a membrane comprising a thermoplastic polymer is disposed about the entire periphery of the edges of the stack of plates; 3) wherein the separator is in the form of a sheet having adhered to its periphery a frame; and 4) c) an integrated valve and integrated channel communicating with the valve.

No. of Pages: 56 No. of Claims: 11

(21) Application No.10553/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR SUPPORTING A MAINS FREQUENCY

 (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 	:F01K7/24,F01K23/10 :12176050.8 :12/07/2012 :EPO :PCT/EP2013/062202 :13/06/2013 :WO 2014/009092 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 M ¹ / ₄ nchen Germany (72)Name of Inventor: 1)BENNAUER Martin 2)GOBRECHT Edwin 3)HEUE Matthias
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for supporting a mains frequency in an energy generation plant. Said energy generation plant is operated using unthrottled high pressure valves and the throttling action of the medium pressure valves is canceled when the mains frequency drops.

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

(21) Application No.10554/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: PUMP SEALING DEVICE

(51) International classification: F04D7/08,F04D29/12,F04D29/58 (71) Name of Applicant:

(31) Priority Document No :1255282 (32) Priority Date :06/06/2012

(33) Name of priority country :France

(86) International Application :PCT/EP2013/061406

:03/06/2013 Filing Date

(87) International Publication :WO 2013/182528

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

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

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland (72) Name of Inventor:

1)NEBOUT Nicolas

2)BECOUARN Guillaume

(57) Abstract:

The invention relates to a device (1) for sealing a pump of a nuclear power station said device (1) comprising: a mechanical packing (70) a fluid header comprising: a first plurality of surfaces (35) that cooperate with said mechanical packing (70); a second plurality of surfaces (36) that are designed to cooperate with a pump housing (10); a plurality of ducts (44 45 46 47) that form in an operating state a first fluid circuit (33) that constitutes a thermal barrier (31) between the first plurality of surfaces (35) and the second plurality of surfaces (36) and a second fluid circuit (34) that supplies fluid to said mechanical packing (70) in order to cool it.

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

(21) Application No.10555/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: A REKEYABLE LOCK CYLINDER

(51) International classification	:E05B27/00	(71)Name of Applicant:
(31) Priority Document No	:10/256,066	1)KWIKSET CORPORATION
(32) Priority Date	:26/09/2002	Address of Applicant :of 19701 Da Vinci, Lake Forest, CA
(33) Name of priority country	:U.S.A.	92610, United States of America U.S.A.
(86) International Application No	:PCT/US2005/011028	(72)Name of Inventor:
Filing Date	:01/04/2005	1)STEVEN ARMSTRONG
(87) International Publication No	: NA	2)GERALD B. CHONG
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:711/DELNP/2007	
Filed on	:01/04/2005	

(57) Abstract:

A rekeyable lock cylinder, comprising: a cylinder body with a longitudinal axis; a locking bar disposed in the cylinder body for movement transverse to, and rotationally about, the longitudinal axis; a plug assembly disposed in the cylinder body and being rotateable between a first position and a second position, the plug assembly having a lock face with a tool receiving aperture; a plurality of pins and a corresponding plurality of racks disposed in the plug assembly, the plurality of racks being selectively engageable with the plurality of pins; and a first member coupled to the plurality of racks, the first member being moveable in response to application of a force against the first member by a tool received through the tool receiving aperture, the first member being configured to simultaneously disengage all of the plurality of racks from the plurality of pins in response to the movement of the first member.

No. of Pages: 36 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :11/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: A REKEYABLE LOCK CYLINDER

(51) International classification	:E05B27/00	(71)Name of Applicant:
(31) Priority Document No	:10/256,066	1)KWIKSET CORPORATION
(32) Priority Date	:26/09/2002	Address of Applicant :of 19701 Da Vinci, Lake Forest, CA
(33) Name of priority country	:U.S.A.	92610, United States of America U.S.A.
(86) International Application No	:PCT/US2005/011028	(72)Name of Inventor:
Filing Date	:01/04/2005	1)STEVEN ARMSTRONG
(87) International Publication No	: NA	2)GERALD B. CHONG
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:711/DELNP/2007	
Filed on	:01/04/2005	

(21) Application No.10556/DELNP/2014 A

(57) Abstract:

A lock cylinder having a keyway, comprising: a first plurality of guide channels; a plurality of cup-shaped pins movably disposed within the first plurality of guide channels, each cup-shaped pin of the plurality of cup-shaped pins being located to extend across the keyway, and each cup-shaped pin of the plurality of cup-shaped pins having an engagement protrusion, the first plurality of guide channels being configured to conform to the shape of the plurality of cup-shaped pins to allow movement of the plurality of cup-shaped pins in a first direction toward the keyway while restraining movement in all directions transverse to the first direction; a plurality of biasing springs positioned to bias the plurality of cup-shaped pins in the first direction toward the keyway; a second plurality of guide channels; and a plurality of racks movably disposed in the second plurality of guide channels, each rack of the plurality of racks having at least one engagement groove to selectively receive the engagement protrusion of a respective cup-shaped pin.

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

(19) INDIA

(22) Date of filing of Application :11/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: A REKEYABLE LOCK CYLINDER

(51) International classification(31) Priority Document No(32) Priority Date	:E05B27/00 :10/256,066 :26/09/2002	(71)Name of Applicant: 1)KWIKSET CORPORATION Address of Applicant : of 19701 Da Vinci, Lake Forest, CA
(33) Name of priority country	:U.S.A.	92610, United States of America U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date (87) International Publication No	:01/04/2005 : NA	1)STEVEN ARMSTRONG 2)GERALD B. CHONG
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:NA :NA :711/DELNP/2007 :01/01/1900	

(21) Application No.10557/DELNP/2014 A

(57) Abstract:

A rekeyable lock cylinder comprising: a lock cylinder housing; a plug body disposed in the lock cylinder housing and having a longitudinal axis, the plug body being rotatable about the longitudinal axis between a home position and a rekeying position; at least one rack disposed in the plug body; and at least one pin disposed in the plug body, the at least one rack being configured to engage the at least one pin, one of the at least one rack and the at least one pin being moveable relative to the other parallel to the longitudinal axis from a first position to a second position to move the one of the at least one rack and the at least one pin out of contact with the other and from the second position to the first position to move the one of the at least one rack and the at least one pin into contact with the other.

No. of Pages: 38 No. of Claims: 30

(21) Application No.10558/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: ALTERNARIA PEPTIDES

(51) International :C07K14/37,A61K39/35,A61P37/08 classification

(31) Priority Document No :1209868.7

(32) Priority Date :01/06/2012

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

(86) International Application :PCT/GB2013/051439

:30/05/2013 Filing Date

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

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

(87) International Publication :WO 2013/179043

:NA Filing Date (62) Divisional to

(71)Name of Applicant: 1)CIRCASSIA LIMITED

Address of Applicant: The Oxford Science Park Oxford

Oxfordshire OX4 4GA U.K. (72)Name of Inventor: 1)HAFNER Roderick Peter

2)LAIDLER Paul 3)HICKEY Pascal

4)LARCHE Mark

(57) Abstract:

Pharmaceutical formulations which may be used for preventing or treating allergy to moulds of the Alternaria and/or Cladosporiumgenus comprising a pharmaceutically acceptable carrier or diluent and a polypeptide or a pharmaceutically acceptable salt thereof selected from at least three of: (a)a polypeptide comprising the amino acid sequence of WSWKIGPAIATGNT(Alt28; SEO ID NO: 101) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; (b)a polypeptide comprising the amino acid sequence of KYRRVVRAGVKVAQTAR(Alt34A; SEQ ID NO: 107) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; (c) a polypeptide comprising the amino acid sequence of KYAGVFVSTGTLGGG (SEQ ID NO: 112) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; (d)a polypeptide comprising the amino acid sequence of AEVYQKLKALAKKTYGQ(Alt13A; SEQ ID NO: 83) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; (e)a polypeptide comprising the amino acid sequence of SLGFNIKATNGGTLD(Alt01A; SEQ ID NO: 60) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; (f) a polypeptide comprising the amino acid sequence of SAKRMKVAFKLDIEK(Alt06; SEQ ID NO: 72) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; (g)a polypeptide comprising the amino acid sequence of DITYVATATLPNYCR(SEQ ID NO: 111) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; and (h)a polypeptide comprising the amino acid sequence of GWGVMVSHRSGET(Alt14;SEQ ID NO: 84) or a T cell epitope containing variant sequence derived from said amino acid sequence or a said salt thereof; wherein a T cell epitope containing variant sequence of a said amino acid sequence is said amino acid sequence having up to seven amino acid modifications each of which is independently a deletion substitution or insertion and each polypeptide is up to 30 amino acids in length.

No. of Pages: 98 No. of Claims: 37

(19) INDIA

(22) Date of filing of Application:08/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: CARBAMATE/UREA DERIVATIVES

(51) International :C07D401/14,C07D401/04,A61K31/4545 classification

(31) Priority Document

:PCT/CN2012/078933

:20/07/2012 (32) Priority Date (33) Name of priority :China country

(86) International

:PCT/IB2013/055916 Application No :18/07/2013

Filing Date (87) International Publication No

:WO 2014/013469

(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)NOVARTIS AG

Address of Applicant: Lichtstrasse 35 CH 4056 Basel

Switzerland

(72) Name of Inventor: 1)AUBERSON Yves 2)BOCK Mark Gary 3)BRAGA Dario 4)CURZI Marco

5)DODD Stephanie Kay 6) GIAFFREDA Stefano Luca

7) JIANG Haiyang 8)KARPINSKI Piotr 9)TROXLER Thomas J. 10)WANG Tielin 11)WANG Xiaoyang 12)ZHANG Xuechun

(57) Abstract:

The invention relates to compound of the formula (I) or a salt thereof wherein the substituents are as defined in the specification; to its preparation to its use as medicament and to medicaments comprising it.

No. of Pages: 87 No. of Claims: 17

(21) Application No.10450/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TRANSMISSION APPARATUS FOR A WIRELESS DEVICE

(31) Priority Document No(32) Priority Date	:H04B7/22,G01S13/75,H02J17/00 :61/670259 :11/07/2012	1)TAG COMM INC. Address of Applicant :263 Lions Court Waterloo Ontario N2L
(33) Name of priority country (86) International Application No Filing Date (87) International Publication	:U.S.A. :PCT/CA2013/000456 :09/05/2013	1S3 Canada (72)Name of Inventor : 1)MANKU Tajinder
No (61) Patent of Addition to Application Number Filing Date	:WO 2014/008576 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A transmission apparatus for a wireless device comprising: an antenna for receiving an original signal and for backscattering a modulated signal containing information from the wireless device; a variable impedance coupled to the antenna the variable impedance having an impedance value; and a decoder coupled to the variable impedance for modulating the impedance value and thereby a backscattering coefficient for the antenna in accordance with the information to generate the modulated signal.

No. of Pages: 46 No. of Claims: 59

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: OPTIMIZATION OF MTC DEVICE TRIGGER DELIVERY

 (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 	:23/04/2013 :WO 2014/002355 :NA :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)ZHANG Xiaowei 2)PRASAD Anand Raghawa
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A network node (21) which is placed within a core network stores a list of network elements (24) capable of forwarding a trigger message to a MTC device (10). The network node (21) receives the trigger message from a transmission source (30 40) placed outside the core network and then selects based on the list one of the network elements to forward the trigger message to the MTC device (10). The MTC device (10) validates the received trigger message and then transmits when the trigger message is not validated to the network node (21) a reject message indicating that the trigger message is not accepted by the MTC device (10). Upon receiving the reject message the network node (21) forwards the trigger message through a different one of the network elements or forwards the reject message to transmission source (30 40) to send the trigger message through user plane.

No. of Pages: 35 No. of Claims: 44

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

:NA

(54) Title of the invention : METHOD FOR PREVENTING MISOPERATION OF TOUCHSCREEN TOUCHSCREEN AND MOBILE TERMINAL

(51) International classification :G06F3/041,G06F3/048 (71)Name of Applicant : (31) Priority Document No :201210295655.7 1)XIAOMI INC. (32) Priority Date Address of Applicant :Floor 13 Rainbow City Shopping Mall :17/08/2012 (33) Name of priority country of China Resources NO. 68 Qinghe Middle Street Haidian District :China (86) International Application No Beijing 100085 China :PCT/CN2013/081621 (72) Name of Inventor: Filing Date :16/08/2013 (87) International Publication No :WO 2014/026633 1)NIU Kun (61) Patent of Addition to Application 2)LIU Xinyu :NA Number 3)QIAO Zhongliang

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

(57) Abstract:

Disclosed are a method for preventing the misoperation of a touchscreen a touchscreen and a mobile terminal. The method includes: when it is detected that a touch point exists in a display region on a touchscreen determining whether the touch point is located in a set invalid touch region; and if it is determined that the touch point is located in the invalid touch region not responding to the touch point. By way of not responding to a touch point when it is determined that the touch point is located in an invalid touch region the present invention can avoid the problem that a corresponding function is triggered mistakenly when a user touches the invalid touch region improving the accuracy degree and validity of the touch effect of a touchscreen.

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

(21) Application No.137/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : COMPOSITE MATERIAL WITH HIGH MAGENTOSTRICTION BASED ON SINTERED COBALT FERRITES

 (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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA Delhi India (72)Name of Inventor: 1)PATTAYIL ALIAS JOY 2)KHAJA MOHAIDEEN KAMAJ
(61) Patent of Addition to Application Number	:NA	1)PATTAYIL ALIAS JOY 2)KHAJA MOHAIDEEN KAMAL
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Disclosed herein is a sintered cobalt ferrite composite material comprising of nano and micron sized powders of cobalt ferrite with high magentostriction. The present invention further discloses preparation of nano and micron sized powders of cobalt ferrite, in particular, the auto combustion process using glycine as fuel for preparing nano sized cobalt ferrite powders.

No. of Pages: 27 No. of Claims: 9

(21) Application No.10492/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: PROCESS PRODUCING USEFUL ENERGY FROM THERMAL ENERGY

(51) International :F01K13/00,F01K25/00,H01L35/28

classification

:12178430.0 (31) Priority Document No (32) Priority Date :30/07/2012 (33) Name of priority country: EPO

(86) International Application :PCT/IB2013/056029

:23/07/2013

Filing Date

(87) International Publication :WO 2014/020486

(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)COHEN Yoav

Address of Applicant: Chemin de la Tour de Pinchat 5 CH

1234 Vessy Switzerland (72) Name of Inventor: 1)COHEN Yoav

(57) Abstract:

The invention relates to a process producing useful energy from thermal energy. An overall population of mobile particles confined to a unidirectional flow closed circuit of conducting channels (1-2-3-3-4-1) is subjected to a conservative or effectively conservative force field. The circuit is thermally insulated with the exception of two non juxtaposed areas a first area (2-3) allowing thermal exchange for heating (Q in) from a warmer environment outside the circuit, a second area (4-1) allowing thermal exchange (Q out) for cooling, as necessary, by a colder environment outside the circuit. The closed circuit is provided with a load (3-4;) designed to convert the energy it receives from the mobile particles flow to a useful output energy. In two portions of the unidirectional circuit located before (3-3) and after (1-2;) said load, flow velocity vector is parallel or has a component which is parallel to the conservative or effectively conservative force field one portion with a warm flow and the other portion with a cool flow of mobile particles and in that if the density of the chosen mobile particles decreases when the temperature increases, the direction of the conservative force field is the same as that of the cool flow velocity vector or of a cool flow velocity vector component in the said circuit portion and the inverse if the density of the chosen mobile particles increases when the temperature decreases.

No. of Pages: 39 No. of Claims: 5

(21) Application No.10493/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: APPARATUS AND METHOD FOR SELECTING HO TRIGGERS

 (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 	:H04W36/00 :61/658180 :11/06/2012 :U.S.A. :PCT/IB2013/054789 :11/06/2013 :WO 2013/186709 :NA :NA	 (71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: 16483 S 16483 Stockholm Sweden (72)Name of Inventor: 1)YANG Yu 2)DIMOU Konstantinos
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(57) Abstract:

The disclosed solution dynamically selects a handover trigger for triggering handover of a mobile terminal (300) in a wireless network from a source base station (100) to a target base station based (200) on one or more Key Performance indicators (KPIs). Each KPI indicates a quality of wireless services provided by the wireless network (50) responsive to a particular handover trigger. A trigger selection circuit (520) selects one of multiple candidate triggers as the handover trigger based on a comparison between corresponding KPIs for different ones of the candidate triggers.

No. of Pages: 23 No. of Claims: 24

(21) Application No.10494/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

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

 (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 	:1209425.6 :28/05/2012 :U.K. :PCT/GB2013/051376 :24/05/2013 :WO 2013/179005 :NA :NA	(71)Name of Applicant: 1)LUCITE INTERNATIONAL UK LIMITED Address of Applicant: Cumberland House 15 17 Cumberland Place Southampton Hampshire SO15 2BG U.K. (72)Name of Inventor: 1)EASTHAM Graham Ronald 2)JOHNSON David William 3)STRAATHOF Adrianus Johannes Jozef 4)FRAAIJE Marco Wilhelmus 5)WINTER Remko Tsjibbe
- 13.555		1 '

(57) Abstract:

A process of producing methyl methacrylate or derivatives thereof is described. The process includes the steps of; (i) converting 2 butanone to methyl propionate using a Baeyer Villiger monooxygenase and (ii) treating the methyl propionate produced to obtain methyl methacrylate or derivatives thereof. A method of preparing polymers or copolymers of methyl methacrylate or its derivatives is also described.

No. of Pages: 52 No. of Claims: 23

(21) Application No.138/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : CURCUMIN COATED SUPERPARAMAGNETIC IRON OXIDE NANOPARTICLES FOR BIOMEDICAL APPLICATIONS

(51) Intermetional algorification	.070	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)PATTAYIL ALIAS JOY
(61) Patent of Addition to Application Number	:NA	2)JAYAPRABHA KUNNOTH NADUVILIDAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to the synthesis of curcumin coated iron oxide nanoparticles by way of simple one-pot method without using any linker. Further, the invention discloses the use of the resulting nanofluid for contrast enhancement in MRI, magnetic hyperthermia, drug delivery, and cancer treatment.

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

(21) Application No.171/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOVEL PREBIOTIC PRODUCT FOR TREATING HEMORRHOID

(51) International classification	:A61K	(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)HARSHA KHARKWAL
(87) International Publication No	:NA	2)DEVI DATT JOSHI
(61) Patent of Addition to Application Number	:NA	3)DEEPSHIKHA PANDE KATARE
Filing Date	:NA	4)KUMUD BALA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel prebiotic dietary formulation for the treatment of Hemorrhoid. The prepared formulation is enriched with dietary fibres obtained from Cassia grandis and Cassia tora along with minerals and vitamins to provide optimum nutrition, health protective, preventive and promotive benefits for a person affected with hemorrhoids.

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

(21) Application No.10546/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: CUTTING MECHANISM JOINING MECHANISM SUBSTRATE PROCESSING SYSTEM SUBSTRATE PROCESSING DEVICE AND SUBSTRATE PROCESSING METHOD

:G03F7/20,H01L21/677 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/650712 (32) Priority Date :23/05/2012 (33) Name of priority country :U.S.A. (86) International Application No :PCT/JP2013/060705 Filing Date :09/04/2013 (87) International Publication No :WO 2013/175882

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

1)NIKON CORPORATION

Address of Applicant: 12 1 Yurakucho 1 chome Chiyoda ku

Tokyo 1008331 Japan (72) Name of Inventor: 1)KITO Yoshiaki 2)SUZUKI Tomonari 3)HORI Masakazu

(57) Abstract:

A substrate processing system is provided with a first processing unit that continuously carries out first processing on substrates transported at a velocity (V1) and a second processing unit that transports the substrates processed by the first processing unit at a velocity (V2) and continuously carries out second processing on the substrates. When the speed relationship can be set at V1 > V2 by the performance of the first processing unit and the performance of the second processing unit a cutting mechanism and selection input mechanism are further provided in addition to a plurality of second processing units being provided. When the speed relationship can be set at V1 < V2 by the performance of the first processing unit and the performance of the second processing unit a joining mechanism that sequentially joins a plurality of substrates that have been processed by the first processing by the plurality of first processing units and inputs to the second processing unit is further provided in addition to a plurality of first processing units being provided.

No. of Pages: 106 No. of Claims: 31

(21) Application No.10548/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: FORMULATIONS AND METHODS FOR VAGINAL DELIVERY OF ANTIPROGESTINS

 (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 	:61/653674 :31/05/2012 :U.S.A.	(71)Name of Applicant: 1)REPROS THERAPEUTICS INC. Address of Applicant: 2408 Timberloch Place Suite B 7 The Woodlands TX 77380 U.S.A. (72)Name of Inventor: 1)PODOLSKI Joseph S. 2)HSU Kuang
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(57) Abstract:

The subject matter of the present invention is pertinent to the field of vaginal delivery of pharmaceutically active agents. Embodiments of the instant invention disclose methods for treating a variety of progesterone related disorders by vaginal administration of a pullulan capsule comprising one or more antiprogestins.

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

(21) Application No.10549/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: COMPOSITIONS CONTAINING THEOBROMINE AND THEIR USE IN TREATING TOOTH **HYPERSENSITIVITY**

(51) International : A61K31/522, A61K33/06, A61P1/02

classification

(31) Priority Document No :61/662181 (32) Priority Date :20/06/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/031371

Application No :14/03/2013 Filing Date

(87) International Publication :WO 2013/191763

(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)THEOCORP HOLDING CO. LLC

Address of Applicant :3512 8th Street Metairie LA 70002

(72) Name of Inventor: 1)SADEGHPOUR Arman 2)NAKAMOTO Tetsuo

(57) Abstract:

Compositions and methods for reducing oral sensitivity increasing the systemic health of a mammal occluding a dentinal tubule within a mammalian tooth and/or depositing a precipitate on the surface of a mammalian tooth are provided said compositions comprising theobromine (3,7-dimethylxanthine the principal alkaloid in Theobroma cacao).

No. of Pages: 33 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : MOLD AND PROCESS FOR OBTAINING A BICYCLE FRAME MADE OF RECYCLABLE POLYMER

(51) International classification	:B64D	(71)Name of Applicant:
(31) Priority Document No	:PI1100578- 5	1)JUAN CARLOS CALABRESSE MUZZI Address of Applicant :RUA NICOLINO STOFFA, 28, CEP
(32) Priority Date	:31/01/2011	02550-000, SAO PAULO/SP, BRASIL Brazil
(33) Name of priority country	:Brazil	(72)Name of Inventor:
(86) International Application No	:NA	1)JUAN CARLOS CALABRESSE MUZZI
Filing Date	:NA	
(87) 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 mold and an injection process for obtaining a bicycle frame made of recyclable polymer, more specifically, it is related to a mold (1) and an injection process (PO) for obtaining a bicycle frame from which a single-piece and polymeric bicycle frame (QB) is obtained with resistant and flexible mechanical features; said mold is made up of two complementary parts, namely: one stationary part (2) and one movable part (3) whereof sliding columns (3A) are provided with guiding lower portions (2A) provided in the stationary part (2); both the stationary part (2) and movable part (3) are provided with base plates (2b) and (3b) whereof respective bearing cavities plates are assembled (2c) and (3c) to jointly make up a structural channel (CE) so as to receive the thermal injected polymer (T1) and to obtain a bicycle frame (QB) subsequently; the cavity bearing plate (3c) in the movable part (3) is provided with a longitudinal bed (3d) whereof the main central drawer (GP) is assembled in and is further provided with side beds (3e) whereof secondary drawers (GS) are assembled in. Said longitudinal bed (3d) is provided with peripheral tracks (3f) to allow the main drawer (GP) to slide therethrough; further, said bed is provided with drawing pins (3g) positioned in an angle so as to allow the main drawer (GP) to horizontally move on (MH). Side beds (3e) are also provided with drawing pins (3g') for the secondary drawers (GS).

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

(21) Application No.10189/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: HUMANIZED IL-7 RODENTS

:A01K67/027,C07K14/54 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/660976 (32) Priority Date :18/06/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/045788

Filing Date :14/06/2013 (87) International Publication No :WO 2013/192030

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

Filing Date :NA

1) REGENERON PHARMACEUTICALS INC. Address of Applicant: 777 Old Saw Mill River Road

Tarrytown New York 10591 U.S.A.

(72)Name of Inventor: 1)MURPHY Andrew J.

(57) Abstract:

Genetically modified non-human animals comprising a human or humanized interleukin-7 (IL-7) gene. Cells, embryos, and nonhuman animals comprising a human or humanized IL -7 gene. Rodents that express human or humanized IL-7 protein. Genetically modified mice that comprise a human or humanized IL-7- encoding gene in their germline, wherein the human or humanized IL-7 encoding gene is under control of endogenous mouse IL-7 regulatory sequences.

No. of Pages: 55 No. of Claims: 30

(21) Application No.10192/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CABLE HOLDER

(51) International classification	:H02G3/06,H01R13/46	(71)Name of Applicant :
(31) Priority Document No	:2012901951	1)NEXT WAVE DESIGN PTY LTD
(32) Priority Date	:14/05/2012	Address of Applicant :9/10 Parr Street, Biggera Waters, Qld
(33) Name of priority country	:Australia	4216 Australia
(86) International Application No	:PCT/AU2013/000482	(72)Name of Inventor:
Filing Date	:13/05/2013	1)WEBB, Anthony Philip
(87) International Publication No	:WO 2013/170291	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cable holder (10, 10A, 100) useful for holding a single insulated cable assembly (14) or a multiplicity of insulated cable assemblies (14A) wherein the cable holder (10, 10A, 10B) is formed by a pair, components (11, 12, 11A, 12A, 107, 114) attached to or integral with each other so as to form a sheath or sleeve for containing the cable assembly (14) or cable assemblies (14A) wherein adjacent metal ends of adjoining cable parts (17A) are interconnected by a metal joint (17, 105) and when the holder (10, 10A, 10B) is in dosed position on there is provided an internal space (23A, 23B) formed by mutually adjoining channels (15, 16, 34, 38, 53, 54, 110, 118).

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

(21) Application No.10193/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: INFORMATION PROCESSING DEVICE, CASH PROCESSING TERMINAL, AND INFORMATION PROCESSING SYSTEM

(51) International

:G06Q20/18,G06Q40/02,G07D9/00 classification

:2012154393 (31) Priority Document No (32) Priority Date :10/07/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/063447

No

:14/05/2013 Filing Date

(87) International Publication :WO 2014/010302

(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)OKI ELECTRIC INDUSTRY CO. LTD.

Address of Applicant: 1-7-12 Toranomon Minato-ku, Tokyo

1058460 Japan

(72)Name of Inventor: 1)SHIMAKATA Masaru 2)SASAKI Akihiro

(57) Abstract:

The present invention provides an information processing device positioned between a group of cash processing terminals in a local network and an external network that exists outside of the local network. The information processing device is provided with: an information acquisition unit for acquiring, in the local network, a sequential number obtained in accordance with a banknote having been read by a cash processing terminal constituting the group of cash processing terminals; a storage control unit for storing the sequential number in a storage unit; and a determination unit which, in a case where a sequential number obtained in accordance with a banknote read by any of the cash processing terminals constituting the group of cash processing terminals has been acquired determines whether or not the pertinent sequential number matches the sequential number stored in the storage unit.

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

(19) INDIA

(22) Date of filing of Application :29/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: PARAFFIN BASED LATENT HEAT STORING MATERIAL COMPOSITION AND USE 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 	:C09K5/06 :2012123594 :30/05/2012 :Japan :PCT/JP2013/003373 :28/05/2013 :WO 2013/179653 :NA :NA :NA	(71)Name of Applicant: 1)JX NIPPON OIL & ENERGY CORPORATION Address of Applicant: 6- 3, Otemachi 2- chome, Chiyoda- ku, Tokyo 1008162 Japan (72)Name of Inventor: 1)YOSHIDA, Mizuho 2)MORINAGA, Yoshihiro 3)TSUTSUMI, Toshiyuki
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(57) Abstract:

A paraffin- based latent heat storing material composition of the present invention includes as a main component a mixture comprising n- hexadecane, n- pentadecane and as necessary n-tetradecane, wherein 1) the mixture has the n- hexadecane content of 68 mass% or more, the n-pentadecane content of 1 to 23 mass% and the n- tetradecane content of 23 mass% or less, where the total sum of the n-hexadecane content, the n- pentadecane content and the n- tetradecane content is 100 mass%, 2) the melting point is lower than that of n- hexadecane, and 3) the latent heat of fusion is 200 J/g or greater.

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

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: AXIAL FLOW TURBINE

(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	:B23B :11151614.2 :21/01/2011 :EPO :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant:BROWN BOVERI STRASSE 7, CH- 5400 BADEN, SWITZERLAND Switzerland (72)Name of Inventor: 1)BRIAN ROBERT HALLER 2)SINGH GURSHARANJIT
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(57) Abstract:

An axial flow turbine comprises in axial flow series a low pressure turbine section (12) and a turbine exhaust system (14). The low pressure turbine section (12) comprises a final low pressure turbine stage (28) including a circumferential row of static aerofoil blades (24) followed in axial succession by a circumferential row of rotating aerofoil blades (26). Each aerofoil blade has a radially inner hub region and a radially outer tip region. The K value, being equal to the ratio of the throat dimension (t) to the pitch dimension (p), of each static aerofoil blade (24) of the final low pressure turbine stage (28) varies along the height of the static aerofoil blade (24), between the hub region (24a) and the tip region (24b), according to a generally W-shaped distribution. Figure 2 to accompany abstract.

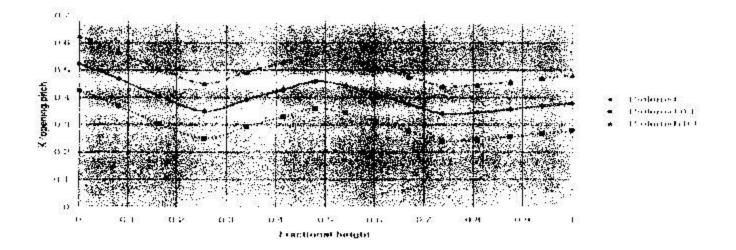


Fig. 2

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

(21) Application No.10522/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR PROCESSING A WORKPIECE AND HOBBING MACHINE SUITABLE THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B23F23/04,B21H5/02,B21H5/04 :10 2012 012 559.3 :25/06/2012 :Germany :PCT/EP2013/001789 :17/06/2013	(71)Name of Applicant: 1)GLEASON PFAUTER MASCHINENFABRIK GMBH Address of Applicant: Daimlerstrasse 14 71636 Ludwigsburg Germany (72)Name of Inventor: 1)KREBSER Gerhard
(87) International Publication No	:WO 2014/000870	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for processing a workpiece in which an end side toothed edge of a toothing of the workpiece produced by machining is reworked by plastic forming at a first location into a chamfer the material displaced towards the end side of the toothing during reworking producing an end side material accumulation and the material displaced towards the toothed flank of the toothing producing a flank side material accumulation and in which the resulting end side and flank side material accumulations are removed the workpiece still having the end side material accumulation being allowed to change location to a second location where the flank side material accumulation is removed.

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

(21) Application No.10523/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : MOTOR VEHICLE WITH CENTRAL CONSOLE COMPRISING A SUPPORT STRUCTURE AND AN AIR CONDITIONING SYSTEM

(51) International classification :B60H1/00,B60R7/04,B60N2/46 (71)Name of Applicant : (31) Priority Document No :1256412 1)RENAULT S.A.S. (32) Priority Date :04/07/2012 Address of Applicant :

2) Priority Date :04/07/2012 Address of Applicant :13 15 Quai Le Gallo F 92100 Boulogne

(33) Name of priority country :France
(86) International Application No:PCT/FR2013/050940
Filing Date :26/04/2013
(87) International Publication No:WO 2014/006285

Billancourt France
(72)Name of Inventor:
1)COTMAN Radu Lorin

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

(62) Divisional to Application
Number

Filing Date
:NA

(57) Abstract:

Motor vehicle comprising at least two rows of seats and a central console situated between two seats of the first row of seats in front of the second row of seats said central console comprising a housing containing an air conditioning system capable of blowing air towards the rear in which the console comprises a support structure (10) which comprises a mounting base (11) fixed to the floor of the vehicle an upper support (12) situated higher up than the mounting base a plurality of uprights (13 14 15 16) connecting the base and the upper support and means of holding said housing said support structure delimiting a space (26) that at least partially accommodates said housing (25).

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

(21) Application No.10524/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: LOCKING DEVICE AND A VEHICLE SEAT

(51) International classification	:B60N2/015,B60N2/36	(71)Name of Applicant:
(31) Priority Document No	:10 2012 011 951.8	1)JOHNSON CONTROLS GMBH
(32) Priority Date	:18/06/2012	Address of Applicant :Industriestrae 20 30 51399 Burscheid
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/062019	(72)Name of Inventor:
Filing Date	:11/06/2013	1)GORDEENKO Igor
(87) International Publication No	:WO 2013/189781	
(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 locking device (1) particularly for a vehicle seat which comprises a retainer region (5) for receiving a counter element (6) a catch (3) which can be pivoted between a locking position that locks the counter element in said retainer region and an unlocking position and a compensation element (9) that can be pivoted between a contact position for tensioning the counter element in the direction of the retainer region and a release position for releasing said counter element.

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

(21) Application No.10525/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ENHANCED NUCLEAR SPIN POLARIZATION

 (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 	:A61K9/50 :61/645965 :11/05/2012 :U.S.A. :PCT/US2013/040304 :09/05/2013 :WO 2013/169999 :NA :NA	(71)Name of Applicant: 1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA Address of Applicant: 3160 Chestnut Street Suite 200 Philadelphia PA 19104 U.S.A. (72)Name of Inventor: 1)WAND Andrew Joshua
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The polarization of nuclear spins of a material may be enhanced by encapsulating the material within a reverse micelle.

No. of Pages: 41 No. of Claims: 16

(21) Application No.10526/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD FOR PRODUCTION OF A PELLET FOR A DIRECT CONVERSION DETECTOR OF X RAYS DIRECT CONVERSION DETECTOR OF X RAYS AND DENTAL RADIOLOGY APPARATUS USING SUCH A DETECTOR

(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	:C04B35/645,G01T1/24,H01L31/0296 :NA :NA :NA :PCT/FR2012/051402 :21/06/2012 :WO 2013/190187	Address of Applicant: 4 rue Fernand Pelloutier Croissy Beaubourg F 77435 Marne La Valle Cedex 2 France (72)Name of Inventor: 1)BARBOUX Philippe 2)BIAVA Dominique 3)BINET Laurent 4)BOTHOREL Sylvie 5)GOURIER Didier 6)INGLESE Jean Marc
Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	6)INGLESE Jean Marc 7)PONPON Jean Pierre 8)RAULT Mathieu

(57) Abstract:

The present invention relates to a method for production of a pellet for a direct conversion detector of X rays. It also relates to a direct conversion detector of X rays using such a pellet and to a dental radiology apparatus using at least one such detector. The method for production of the pellet comprises a step of placing a powder of a semi conductive polycrystalline material under a load (3 4 4a) and a step of heating (5 9) for a predetermined period of time. It comprises a prior step for bringing about an impurity level of at least 0.2% in the semi conductive polycrystalline material.

No. of Pages: 26 No. of Claims: 12

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : COOLING AIR INTAKE STRUCTURE FOR V-BELT DRIVE CONTINUOUSLY VARIABLE TRANSMISSION

 (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 	:03/09/2009 :WO 2011/027445 :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN. Japan (72)Name of Inventor: 1)TERUHIDE YAMANISHI 2)HIROKAZU KOMURO 3)RYUJI TSUCHIYA 4)NOBUTAKA HORII
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a cooling air intake structure for a V-belt drive continuously variable transmission 18, which is disposed beside the rear wheel of a small vehicle and which does not permit muddy water and dust to enter therein. A cooling air inlet 71 through which cooling air is taken in is formed at a position beside a transmission case 37 and above a cooling fan side opening 52 formed in the transmission case 37 opposite to a drive pulley 40. A cooling air passage 70 extending from the cooling air inlet 71 to the side opening 52 is formed so as to surround the side opening 52. Cooling air taken in through the cooling air inlet 71 is guided so as to flow upward first and then flows downward along a U-shaped cooling air passage 74 to the side opening 52 of the transmission case 37 beside the cooling fan.

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TROLLEY REPLACING DEVICE AND TROLLEY REPLACING 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 	:F27B21/08 :201310240612.3 :18/06/2013 :China :PCT/CN2014/079872 :13/06/2014 :WO 2014/201978 :NA :NA	(71)Name of Applicant: 1)SHANDONG PROVINCE METALLURGICAL ENGINEERING CO. LTD. Address of Applicant: 1969# Shunhua RoadHigh tech Development Zone Jinan City Shandong 250101 China (72)Name of Inventor: 1)YUN Ruping 2)HUANG Dongsheng 3)YAO Chaosheng 4)YU Zhongnian
9	:NA :NA	1) TO DAVINGALIA

(57) Abstract:

The present invention relates to a device for replacing trolley and a method for replacing trolley, is belong to the technical field that the sintering machine, the belt-type roasting machine replaces the trolley in the metallurgical industry. The device for replacing trolley comprises a trolley, inner straight tracks, an inner curved track, an outer straight track, outer curved tracks, a main drive wheel, a trolley feed-out track, a trolley feed-in track, wherein, the outer curved tracks on the two sides of the main drive wheel are divided into a lower movable outer curved track, a middle fixed outer curved track, and an upper movable outer curved track; the lower movable outer curved track is separated outward from the middle fixed outer curved track and a lower outer straight track or connected outward to the middle fixed outer curved track on the two sides perpendicular to the operating direction of the trolley; one end of the upper movable outer curved track is connected to one end of the trolley feed-in track. The present invention can achieve the trolley replacement of the sintering machine, the belt-type roasting machine in the condition of non-stop, the additional replace time for replacing trolley is not needed, the production efficiency is increased. There are not the operations such as stopping the sintering machine or the belt-type roasting machine and performing the operation to reduce wind or stop wind, the production condition is not changed and is relatively stable. The pass rate of the product and the drum index do not reduce due to the stable production condition.

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: GAS PERMEABLE ELECTRODES AND ELECTROCHEMICAL CELLS

:C25B11/00,C25B1/04 (71)Name of Applicant : (51) International classification :2012902448 1)UNIVERSITY OF WOLLONGONG (31) Priority Document No (32) Priority Date Address of Applicant : Northfields Avenue Wollongong New :12/06/2012 (33) Name of priority country South Wales 2522 Australia :Australia :PCT/AU2013/000617 (72)Name of Inventor : (86) International Application No Filing Date :11/06/2013 1)SWIEGERS Gerhard Frederick (87) International Publication No :WO 2013/185170 2)CHEN Jun (61) Patent of Addition to Application 3)BEIRNE Stephen Thomas :NA Number 4)WANG Caiyun :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An electrode for a water splitting device the electrode comprising a gas permeable material a second material for example a further gas permeable material a spacer layer positioned between the gas permeable material and the second material the spacer layer providing a gas collection layer and a conducting layer. The conducting layer can be provided adjacent to or at least partially within the gas permeable material. The gas collection layer is able to transport gas internally in the electrode. The gas permeable materials can be gas permeable membranes. Also disclosed are electrochemical cells using such an electrode as the cathode and/or anode and methods for bringing about gas to liquid or liquid to gas transformations for example for producing hydrogen.

No. of Pages: 76 No. of Claims: 49

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

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

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) 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 (83) International Publication No Filing Date (84) International Publication No Filing Date (85) Divisional to Application Number Filing Date (86) Divisional to Application Number Filing Date (87) International Publication No Filing Date (88) International Publication No Filing Date Filing Date (89) International Publication No Filing Date Filing Date Filing Date Filing Date Filing Date Filing Date	(71)Name of Applicant: 1)GE HEALTHCARE BIO-SCIENCES CORP. Address of Applicant:800 CENTENNIAL AVENUE, P O BOX 1327, PISCATAWAY, NEW JERSEY 08855-1327, U.S.A. U.S.A. (72)Name of Inventor: 1)ALAN M. WILLIAMS 2)ADAM KALETSKI 3)LISA STACK 4)DANIEL G. GO 5)JOHN KRASNANSKY 6)DAVID A. WAREHEIM 7)BIN LIN
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(57) Abstract:

A separation system comprises (i) at least two separation units, each separation unit comprising a fluid inlet and a fluid outlet, wherein the separation units are connected in series outlet to inlet to form a line of separation units, and (ii) sensing and adjustment means, provided in-line between each separation unit, for continuously monitoring and adjusting at least one environmental property parameter of fluid flowing from one separation unit to a subsequent separation unit in the line of separation units. Uses of the separation system and a method for purification of a liquid containing a desired species, using separation units and in-line adjustment of a fluid flow or flows, are also disclosed.

No. of Pages: 32 No. of Claims: 15

(21) Application No.139/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : REVERSIBLE SWITCHING BETWEEN SUPER HYDROPHOBIC AND SUPER HYDROPHILIC STATES

(51) International classification	·C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)K KRISHNAMOORTHY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention discloses a system that switches surfaces from being hydrophilic to hydrophobic and vice-versa. Particularly, the polyvalent interaction between surfactant assemblies and delocalized charges of an insoluble polymer results in surface modification of the polymer. They find application in antisticking coating, anticontamination coating and wicking surfaces.

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

(21) Application No.165/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :19/01/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METER DEVICE OF MOTORCYCLE

 (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 	:2014- 027165	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD., Address of Applicant:1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan (72)Name of Inventor: 1)MASANORI MAEDA
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(57) Abstract:

In a meter device 10 of a motorcycle 12 comprising a trip meter 76; and a reset knob 86 for resetting the display of the trip meter 76, the reset knob 86 is disposed in the approximately vertical direction relative to a display surface of the meter device 10, and a rotation converting portion 114 is provided for converting the rotation of the reset knob 86 into the rotating direction of the trip meter 76.

No. of Pages: 21 No. of Claims: 4

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : TWO STAGE BIOCATALYSIS PROCESS TO PRODUCE DROP-IN TRANSPORTATION GRADE RENEWABLE NATURAL GAS

(51) International classification	:C12N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ATUL SAXENA
(32) Priority Date	:NA	Address of Applicant :B-196, SURAJMAL VIHAR, DELHI-
(33) Name of priority country	:NA	110092 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ATUL SAXENA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An improvised two stage Biocatalysis process to produce transportation grade renewable natural gas from multiple organic feedstocks like leafy biomass, waste and specialty energy crop like algae and grasses. Waste is diluted with water in 1:1 ratio, pulverized and converted to slurry which is fed to first stage bioreactor alongwith a biocatalyst which breaks down the organic matter with hydraulic retention time of two days to produce volatile fatty acids and remove sulphur hence there is no generation of hydrogen sulphide alongwith biogas. It enters second stage bioreactor in which odourless renewable natural gas is produced by second biocatalyst with hydraulic retention time of fourteen days. It is purified to 85-99% methane content through a hybrid-water scrubbing and chemical purification process, compressed to 200 kgs/cm2 and ready for use as drop-in cleanfuel in existing CNG vehicles. Drinkable food grade CO2 and best quality Biomanure are recovered as by-products.

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

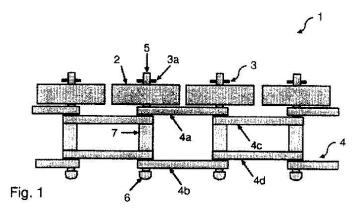
(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DRIVE CHAIN

(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 (88) International Publication No Sina Sina Sina Sina Sina Sina Sina Sina	Address of Applicant :BOHMERWALDSTRASSE 5, 93073 NEUTRAUBLING, GERMANY Germany
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(57) Abstract:

Drive chain (1) for a container cleaning machine having a plurality of chain links (4) connected to one another by means of bolts (5) and strung together in an articulated manner as well as having idler rollers (2) supported on the bolt in a manner that allows rotation. The idler rollers of the drive chain are arranged outside the chain links that are connected to one another and secured to the bolt by a holding device (3) in such a way that the individual idler rollers can be exchanged independently of one another. (Reference: Fig. 1)



No. of Pages: 12 No. of Claims: 13

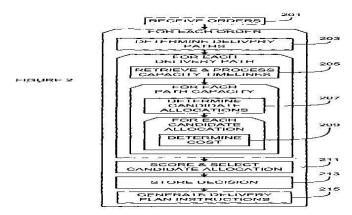
(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DELIVERING AN AUDIO VIDEO ASSET

(51) International classification	:H04L	(71)Name of Applicant:
(31) Priority Document No	:0915661.3	1)NDS LIMITED
(32) Priority Date	:08/09/2009	Address of Applicant :ONE LONDON ROAD, STAINES
(33) Name of priority country	:U.K.	MIDDLESEX TW18 4EX, U.K. U.K.
(86) International Application No	:PCT/IB2010/052889	(72)Name of Inventor:
Filing Date	:24/06/2010	1)ASHLEY ALEX
(87) International Publication No	:WO 2011/030235	2)BERTRAND LAURENT
(61) Patent of Addition to Application	:NA	3)NORD JAMES
Number	:NA	4)SMITH TREVOR
Filing Date	.11/1	5)PARNALL SIMON JOHN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of delivering an audio video asset is described. The method includes: receiving an order specifying an audio video asset to be delivered and a delivery destination for the audio video asset, wherein a delivery destination represents one or more physical delivery recipients; determining delivery paths representing different delivery technologies that could be used to deliver the audio video asset to the delivery destination; retrieving a set of path capacity timelines for the delivery paths, wherein path capacity timelines in the set of path capacity timelines each model a quantity of available capacity varying over time; processing the path capacity timelines to yield delivery path capacities; applying an allocation algorithm to the delivery path capacities to yield candidate delivery allocations, wherein candidate delivery allocations each includes one or more time periods during which one or more time periods a defined quantity of capacity can be allocated for delivery of the audio video asset; applying a cost function to the candidate delivery allocations to yield cost values, wherein the cost values each represent a cost of delivering the audio video asset according to the candidate delivery allocations; calculating scores for the candidate delivery allocation in dependence on a cost value for that candidate delivery allocation and one or more other objectives; selecting a candidate delivery allocation having a lowest score to yield a selected candidate delivery allocation; and delivering the audio video asset according to the selected candidate delivery allocation. Related apparatus and methods are also described.



No. of Pages: 41 No. of Claims: 23

(21) Application No.10495/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : PROCESS AND APPARATUS FOR MINIMIZING THE POTENTIAL FOR EXPLOSIONS IN THE DIRECT CHILL CASTING OF ALUMINUM LITHIUM ALLOYS

(51) International classification :B22D11/00,B22D11/14,B22D11/049

(31) Priority Document No :13/474614

(32) Priority Date :17/05/2012

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

country (86) International

Application No :PCT/US2013/041457

Filing Date :16/05/2013

(87) International Publication No :WO 2013/173649

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

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant: 1)ALMEX USA INC.

Address of Applicant :6925 Aragon Circle Buena Park

California 90620 U.S.A. (72)Name of Inventor:
1)TILAK Ravindra V.
2)WIRTZ Rodney W.
3)STREIGLE Ronald M.

(57) Abstract:

Steam exhaust ports are located around a perimeter of a direct chill casting pit at various locations from below the top of the pit to the pit bottom to rapidly remove steam from the casting pit with addition of dry excess air. Gas introduction ports are also located around a perimeter of the casting pit and configured to introduce an inert gas into the casting pit interior.

No. of Pages: 20 No. of Claims: 24

(21) Application No.10496/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: APPARATUS FOR CASTING ALUMINUM LITHIUM ALLOYS

(51) International classification	:B22D11/22,B22D11/049	(71)Name of Applicant:
(31) Priority Document No	:13/474616	1)ALMEX USA INC.
(32) Priority Date	:17/05/2012	Address of Applicant :6925 Aragon Circle Buena Park
(33) Name of priority country	:U.S.A.	California 90620 U.S.A.
(86) International Application No	:PCT/US2013/041464	(72)Name of Inventor:
Filing Date	:16/05/2013	1)TILAK Ravindra V.
(87) International Publication No	:WO 2013/173655	2)WIRTZ Rodney W.
(61) Patent of Addition to Application	:NA	3)STREIGLE Ronald M.
Number	:NA	
Filing Date	.144	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Direct chill casting that allows for the continuous or serial introduction of an inert fluid into the coolant stream during casting while allowing for stoppage of the coolant flow and introduction of only inert fluid as the coolant in the event of a bleed out or run out.

No. of Pages: 18 No. of Claims: 22

:NA

:NA

(21) Application No.10497/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS AND APPARATUS FOR DIRECT CHILL CASTING

(51) International (71) Name of Applicant: :B22D11/00,B22D11/049,B22D11/14 classification 1)ALMEX USA INC. (31) Priority Document No :61/760323 Address of Applicant: 6925 Aragon Circle Buena Park CA (32) Priority Date :04/02/2013 90620 U.S.A. (72) Name of Inventor: (33) Name of priority :U.S.A. 1)TILAK Ravindra V. country (86) International 2) WIRTZ Rodney W. :PCT/US2014/014737 Application No 3)STREIGLE Ronald M. :04/02/2014 Filing Date (87) International :WO 2014/121297 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

(57) Abstract:

Application Number

Filing Date

A system comprising at least one furnace including a melt containing vessel; an intermediate casting product station coupled to the at least one furnace and operable to receive a molten metal from the at least one furnace the intermediate casting product station including a casting pit at least one moveable platen disposed in the casting pit an array of exhaust ports about at least a top periphery of the casting pit and an array of gas introduction ports about at least the top periphery of the casting pit; and an inert gas source operable to supply an inert gas to the array of gas introduction ports.

No. of Pages: 34 No. of Claims: 23

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR DETECTING SPECIFIC SUBSTANCES IN MILK

(51) International classification :G01N33/543,G01N33/569 (71)Name of Applicant : 1)ASAHI KASEI KABUSHIKI KAISHA (31) Priority Document No :NA (32) Priority Date Address of Applicant: 1 105 Kanda Jinbocho Chiyoda ku :NA (33) Name of priority country :NA Tokyo 1018101 Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/065150 Filing Date :13/06/2012 1)MAEHANA Koji (87) International Publication No :WO 2013/186885 2)MATSUYAMA Kenji (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number: NA Filing Date :NA

(57) Abstract:

An immunochromatographic method for detecting specific substances in milk wherein the method comprises: (1) a step of making the milk contact a test piece having a first portion in which a first antibody tagged for the specific substance or the labeled specific substance is stored a second portion that is connected downstream of the first portion and to which a second antibody for the specific substance is fixed and a third portion that is connected upstream of the first portion or the second portion and that has an aperture capable of removing milk fat globules in the milk said milk contacting the test piece at the third portion or further upstream of the same; and (2) a step of having the milk flow to the second portion or further downstream of the same and providing a detectable signal by the tag at the second portion or further downstream of the same.

No. of Pages: 38 No. of Claims: 18

(21) Application No.10499/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: INFLOW SEGMENT FOR A TURBOMACHINE

(51) International classification :F01D9/04,F01D9/06,F01D25/24 (71)Name of Applicant:

:NA

(31) Priority Document No :12176161.3 (32) Priority Date :12/07/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/064429

No :09/07/2013 Filing Date

(87) International Publication No:WO 2014/009333

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

(62) Divisional to Application :NA Number

Filing Date

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

Germany

(72)Name of Inventor:

1)F-RSTER Ingo 2) MUSCH Christian

3)ZANDER Uwe

(57) Abstract:

The invention relates to a turbomachine comprising an inflow segment (21) which carries an inflow segment vane (27) and bores (29) a partial mass flow (M) arriving through these bores (29) at a relief space (30) and leading to a cooling system.

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

(22) Date of filing of Application :01/03/2012

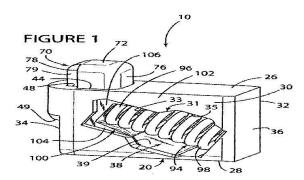
(43) Publication Date: 21/08/2015

(54) Title of the invention: RESISTANCE MECHANISM FOR A PEDAL 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 	:08/09/2010 :WO 2011/31762 :NA :NA	(71)Name of Applicant: 1)CTS CORPORATION Address of Applicant:905 WEST BOULEVARD NORTH, ELKHART, INDIANA 46514, U.S.A. U.S.A. (72)Name of Inventor: 1)KAIJALA MURRAY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A resistance mechanism and module (10) for generating and applying a resistance force to a pedal. The resistance module includes a plunger (70) adapted for movement in the interior of the module between rest and depressed positions in response to the application by the pedal of a compression force against the plunger. The plunger includes an exterior camming surface. An actuator (100) is also located in the interior of the module and includes an exterior camming surface which abuts and is adapted to slide against the camming surface on the plunger in response to the movement of the plunger. A spring (94) in the module abuts and is adapted to apply a biasing force against the actuator. The interaction between the camming surfaces on the plunger and the actuator generates a resistance force which is applied to the pedal.



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

(21) Application No.10137/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: WEARING ARTICLE

(51) International

:A61F13/496,A61F13/15,A61F13/494

classification

(31) Priority Document No :2012218690 (32) Priority Date

:28/09/2012

(33) Name of priority

:Japan

country

(86) International :PCT/JP2013/005481

:NA

Application No

:17/09/2013

Filing Date (87) International

:WO 2014/050014

Publication No

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

Filing Date

:NA (62) Divisional to

Application Number

:NA Filing Date

(71)Name of Applicant:

1)UNICHARM CORPORATION

Address of Applicant: 182, Shimobun Kinsei -cho,

Shikokuchuo -shi, Ehime 7990111 Japan

(72) Name of Inventor:

1)HASHIMOTO, Tatsuya

2)OKUBO, Tetsuo

(57) Abstract:

In a wearing article (1) including front and rear waist panels (20, 30) and a crotch panel (40), a pair of leg sheets (42) including backing sheets (49) and leg elastics (46) attached under tension between two layers of the respectively doubled up backing sheets (49) extends along lateral edge portions (40C) of the crotch panel (40), and distal end portions (42D, 42E) of the leg sheets (42) are attached to respective skin -facing surfaces of the front and rear waist panels (20,30) through first and second joint regions (27, 37). In this way, the pair of leg sheets (42) has an elastically contractible region (42A) between the first and second joint regions (27, 37) and elastically relaxed regions (42B) in end portions located outboard of the first and second joint regions (27, 37) in a longitudinal direction (Y), and the elastically relaxed regions (42B) are formed on surfaces thereof with gathers.

No. of Pages: 24 No. of Claims: 12

(21) Application No.10139/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD OF ORTHOPAEDIC IMPLANT FINISHING

(51) International classification :B24C1/10,A61F2/28,A61F5/04 (71)Name of Applicant :

(31) Priority Document No :61/654176 (32) Priority Date :01/06/2012

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

(86) International Application No: PCT/US2013/043559 Filing Date :31/05/2013

(87) International Publication No: WO 2013/181504

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SMITH & NEPHEW, INC.

Address of Applicant: 1450 Brooks Road, Memphis,

Tennessee 38116 U.S.A. (72) Name of Inventor:

1) GEYER, Christopher D

2)BABB, Terry N.

(57) Abstract:

A process to effectively remove machine lines blending the surface to a high luster uniform visual standard while reducing the surface roughness to below 8 Micro inches. The process does not remove or move the affected material greater than 0.02 mm, and the process is designed to produce a visually acceptable part that reduces surface roughness below 8 micro inches and holds tightly toleranced complex geometries.

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

(22) Date of filing of Application :31/05/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTROLYSIS OF STARCH-BASED ELECTROLYTES

(51) International classification	:C25C3/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BANARAS HINDU UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :INSTITUTE OF TECHNOLOGY,
(33) Name of priority country	:NA	BANARAS HINDU UNIVERSITY, VARANASI, UTTAR
(86) International Application No	:NA	PRADESH 221005, INDIA Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRIVASTAVA, NEELAM
(61) Patent of Addition to Application Number	:NA	2)KUMAR, MANINDRA
Filing Date	:NA	3)TIWARI, TUHINA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described is an apparatus and a method for electrolysis of a starch-based electrolyte. The apparatus (100) includes a voltage source (106), and two electrodes (1 04- I , 104-2) respectively coupled to a positive terminal of the voltage source (106) and a negative terminal of the voltage source (106). The apparatus (100) also includes a starch-based electrolyte (102) in contact with the two electrodes (104-1, 104-2) to apply a predefined electric potential across the starch-based electrolyte (1 02) from the voltage source (1 06), where the starch-based electrolyte (1 02) absorbs moisture from a humid surrounding.

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

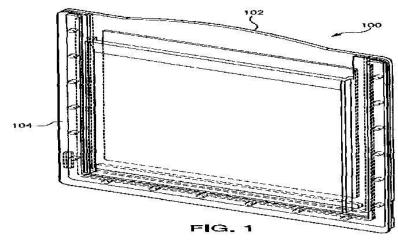
(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTROPHORESIS GEL CASSETTE AND COMB

(51) International classification	:C25B 13/00	(71)Name of Applicant:
(31) Priority Document No	:61/236,293	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:24/08/2009	Address of Applicant :5781 VAN ALLEN WAY,
(33) Name of priority country	:U.S.A.	CARLSBAD, CA 92008, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/046506	(72)Name of Inventor:
Filing Date	:24/08/2010	1)UPDYKE, TIMOTHY, VALE
(87) International Publication No	:WO 2011/028532	2)MILLER, JENNIFER
(61) Patent of Addition to Application	:NA	3)DILLER, THOMAS
Number	:NA	4)KANNAN, SIDDARTH
Filing Date	.11/1	5)BENNETT, ROBERT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided herein is an apparatus for gel electrophoresis comprising a cassette and a comb having at least one wedge-shaped tooth.



No. of Pages: 55 No. of Claims: 19

(22) Date of filing of Application :01/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: EMERGENCY SIGNALING IN AN IP MULTIMEDIA SUBSYSTEM, 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 	:H04M 11/04 :NA :NA :NA :PCT/EP2009/064463 :02/11/2011 :WO 2011/050861 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)LINDHOLM, FREDRIK 2)OBERG, PER
(61) Patent of Addition to Application	:NA	2)OBERG, PER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for handling emergency signalling in an IP Multimedia Subsystem network. A Proxy-Call Session Control Function receives a message requesting set up of a session. The message is associated with an IP Multimedia Private Identity. The P-CSCF determines that the message relates to an emergency call. If an emergency override tag associated with the IMPI is provisioned or set at the P-CSCF, then the message is forwarding the SI P message to a Serving-Call Session Control Function (S-CSCF) for further handling. However, if an emergency override tag associated with the IMPI is not provisioned or set at the P-CSCF, the message is forwarded to an Emergency-Call Session Control Function (E-CSCF). The invention allows the P-CSCF to exercise control over the handling of emergency signalling.

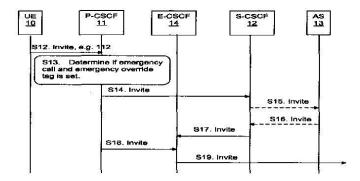


Figure 5

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

(21) Application No.10530/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD O F PRODUCING 4-[5-(PYRIDIN-4-YL)-lH-1,2,4-TRIAZOLE-3-YL]PYRIDIN-2-CARBONITRILE, AND INTERMEDIARY THEREOF

(51) International classification :C07D213/86,C07D401/14,C07B61/00

(31) Priority Document No :2012177538

(32) Priority Date :25/07/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/070005

Filing Date :24/07/2013

(87) International Publication No :WO 2014/017516

(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)FUJIYAKUHIN CO. LTD.

Address of Applicant :383 Sakuragicho 4 chome Omiya ku

Saitama shi Saitama 3309508 Japan

(72)Name of Inventor:

1)IWABUCHI Yoshiyuki

2)MIYATA Sachiho 3)UDA Junichiro

4)NAGATA Osamu

(57) Abstract:

Provided i s an industrially advantageous method of producing a 4-[5- (pyridin-4-yl)-lH-l,2,4-triazole-3-yl]pyridin- 2-carbonitrile which i s useful as a drug; also provided i s an intermediary thereof. A production method of the compound of formula 1 obtained through reaction formula shown, and the intermediary represented by formula (4).

No. of Pages: 19 No. of Claims: 4

(21) Application No.10534/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: MICRO REACTOR

(51) International classification	:B01J19/00,B01J35/02,F28D7/16	(71)Name of Applicant:
(31) Priority Document No	:2012129627	1)IHI CORPORATION
(32) Priority Date	:07/06/2012	Address of Applicant: 1 1 Toyosu 3 chome Koto ku Tokyo
(33) Name of priority country	:Japan	1358710 Japan
(86) International Application	:PCT/JP2013/060591	(72)Name of Inventor:
No	:08/04/2013	1)HAMADA Koki
Filing Date	.06/04/2013	
(87) International Publication	:WO 2013/183350	
No	.WO 2013/103330	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.11/1	

(57) Abstract:

A micro reactor (100) is provided with: a reaction flow channel (110) having circulated therein a fluid as a reaction object; and a medium flow channel (120) which is provided parallel to the reaction flow channel (110) and which has circulated therein a heat medium that exchanges heat with the fluid in the reaction flow channel (110). The cross sectional area of the medium flow channel (120) adjacent to a reaction flow channel (110) portion having relatively large heat generation or heat absorption due to the reaction of the fluid is smaller than the cross sectional area of the medium flow channel (120) portion adjacent to a reaction flow channel (110) portion having relatively small heat generation or heat absorption due to the reaction of the fluid.

No. of Pages: 22 No. of Claims: 8

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SUPERIOR & SIMPLE METHOD TO ISOLATE VSELS WITHOUT THE USE OF FLOW CYTOMETRY

		(71)Name of Applicant:
		1)M/S INDIAN COUNCIL OF MEDICAL RESEARCH
(51) International classification	:C07C	Address of Applicant :DEPARTMENT OF HEALTH
(31) Priority Document No	:NA	RESEARCH, (MINISTRY OF HEALTH & FAMILY
(32) Priority Date	:NA	WELFARE), NEW DELHI-110029 Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DEEPA BHARTIYA
Filing Date	:NA	2)SANDHYA KASIVISWANATHAN
(87) International Publication No	:NA	3)PUNAM NAGVENKAR
(61) Patent of Addition to Application Number	:NA	4)HARSHA PAWANI
Filing Date	:NA	5)PRASAD PETHE
(62) Divisional to Application Number	:NA	6)SEEMA PARTE
Filing Date	:NA	7)SUJATA MOHANTY
-		8)KUSUM ZAVERI
		9)INDIRA HINDUJA

(57) Abstract:

The present application relates to a simpler approach to isolate VSELs from bone marrow, cord blood or other tissues without the use of sophisticated & expensive Flow Cytometry. The present invention relates to isolating VSELs without labelling them with antibodies for flow sorting which is simpler and minimizes the lab manipulations. Lesser the cells are handled in the lab-the better for clinical applications. The present application is cost effective and useful for the mass population residing even at rural areas because the present application does not involve the use of sophisticated instrument like Flow Cytometer with sorter and can be easily conducted even in a simple lab set.

No. of Pages: 27 No. of Claims: 8

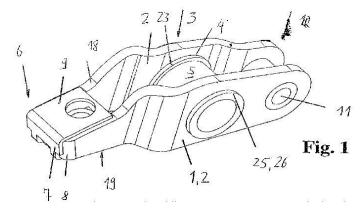
(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROCKER ARM

 (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 	:B64D :102011003212.6 :26/01/2011 :Germany :NA :NA	Address of Applicant :INDUSTRIESTRAE 1-3, 91074 HERZOGENAURACH, GERMANY Germany (72)Name of Inventor: 1)CLAUDIA ZIELINSKI 2)JURGEN STOLZLE
(87) International Publication No(61) Patent of Addition to Application Number		2)JURGEN STOLZLE 3)JORG BAUER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention proposes a modular-type assembled rocker arm (1) without a crossbar for a valve train of an internal combustion engine, said rocker arm (1) having two separate, substantially upright side walls (2) which are made out of a thin-walled lightweight material and comprise, on a centre-proximate section (3), bores (4) through which the side walls (2) are retained laterally spaced from each other on a tube member (5) which serves for mounting the rocker arm (1) on a rocker arm axle, said side walls (2) being additionally fixed on one end (6) by means of a U-like connecting clip (9) having a crossbar (7) arranged on a front end (8) of the rocker arm (1), and said side walls (2) being bridged on a further end (10) by an axle (11) equipped with a cam contacting roller.



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

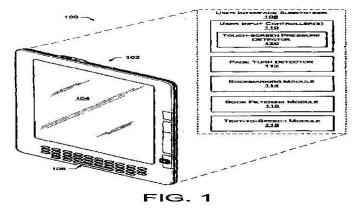
(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TOUCH-SCREEN USER INTERFACE

(51) International classification	:G06F 3/01	(71)Name of Applicant:
(31) Priority Document No	:12/533,071	1)AMAZON TECHNOLOGIES, INC.
(32) Priority Date	:02/09/2009	Address of Applicant :PO BOX 8102, RENO, NV 89507,
(33) Name of priority country	:U.S.A.	U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/047733	(72)Name of Inventor:
Filing Date	:02/09/2010	1)KIM, JOHN, T.
(87) International Publication No	:WO 2011/028944	2)HEBENSTREIT, JOSEPH, J.
(61) Patent of Addition to Application	:NA	3)GREEN, CHRISTOPHER
Number	:NA	4)KELLER, KEVIN, E.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A user interface for a touch-screen display of a dedicated handheld electronic book reader device is described. The user interface detects human gestures manifest as pressure being applied by a finger or stylus to regions on the touch-screen display. The touch-screen user interface enables a user to turn one or more pages in response to applying a force or pressure to the touch-screen display; alternatively, the touch-screen user interface is configured to bookmark a page temporarily by applying a pressure to the display, then allowing a user to turn pages to a new page, but reverting back to a previously-displayed page when the pressure is removed. In another implementation, the touch-screen user interface identifies and filters electronic books based on book size and/or a time available to read a book In another implementation, the touch-screen user interface converts text to speech in response to a user touching the touch-screen display.



No. of Pages: 98 No. of Claims: 115

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHODS AND APPARATUS TO MONITOR MEDIA PRESENTATIONS

(51) International classification :H04N21/258,H04N21/25 (71)Name of Applicant : (31) Priority Document No :61/813019

(32) Priority Date :17/04/2013 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2014/034389

Filing Date :16/04/2014 (87) International Publication No :WO 2014/172472

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

1)THE NIELSEN COMPANY (US) LLC

Address of Applicant: 150 North Martingale Road,

Schaumburg, Illinois 60173 U.S.A.

(72) Name of Inventor:

1)ALLA ,Madhusudhan Reddy

2) RAMASWAMY, Arun

(57) Abstract:

Methods, apparatus, systems and articles of manufacture to monitor media are disclosed. An example apparatus includes a software development kit provider to provide a software development kit to enable an application developer to create an application developer to create a monitoring enabled application. The example apparatus further includes a monitoring data receiver to receive data collected from a media device executing the monitoring enabled application, the data collected via the monitoring enabled application, the collected data including a media identifier and at least one of a device identifier or a user identifier. The example apparatus further includes a data store to store the collected data, and a database proprietor interface to request demographic information from a database proprietor, the database proprietor interface to store the demographic information in association with the media identifier in the data store.

No. of Pages: 59 No. of Claims: 39

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ORTHOSIS FOR SIMULTANEOUS THREE-DIMENSIONAL CORRECTION OF CLUB FOOT

 (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	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY DELHI Address of Applicant: HAUZ KHAS, NEW DELHI- 110 016 INDIA. Delhi India (72)Name of Inventor: 1)PULAK MOHAN PANDEY 2)ALOK R. RAY 3)KANWALJIT SINGH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KANWALJIT SINGH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present subject matter relates an orthosis for correcting at least one foot in clubfoot characterized with the treatment of the foot independent from the other foot. The orthosis according to the present Subject matter includes a holding element for holding a portion of a leg of a patient, and a base element for receiving and holding the foot. The base element is pivotally connected to the holding element by a torque adjusting mechanism. The torque adjusting mechanism is further provided with metered tuning to achieve a desired torque along the three axes of movements of the foot. These three axes in accordance with the foot movements include extension-flexion, inversion-eversion and adduction-abduction. Their respective movements are governed by respective knobs provided with the torque adjusting mechanism.

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

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM AND METHOD FOR USE IN DETERMINING THE THICKNESS OF A LAYER OF INTEREST IN A MULTI-LAYER STRUCTURE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B23B :13/021328 :04/02/2011 :U.S.A. :NA	
Filing Date (87) International Publication No	:NA :NA	1)SAHA, ATANU 2)ANAND, KRISHNAMURTHY
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	3)SESHADRI, HARI NADATHUR 4)GOURISHANKAR, KARTHICK VILAPAKKAM 5)CAPPUCCINI, FILIPPO
Filing Date	:NA :NA	S)CAFFUCCINI, FILIFFU

(57) Abstract:

A system (100) for use in determining a thickness of a layer of interest in a multi-layer structure is provided. The system including a sample engaging member (108) including a first electrode (122) having a first sample contact surface (126) configured to be positioned in contact with a first surface of the multi-layer structure, a second electrode (124) having a second sample contact surface (128) configured to be positioned in contact with a second surface of the multi-layer structure, wherein the second surface is opposite the first surface, a pressure control device (144) configured to press the first electrode against the multi-layer structure substantially at a predetermined sampling pressure, wherein the sampling pressure is a pressure at which an electrical impedance of the sample tracks a reference impedance associated with the sample (165), and a measurement device (160) electrically coupled to the first electrode and the second electrode, the measurement device configured to measure an electrical impedance between the first electrode and the second electrode.

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

(22) Date of filing of Application :01/03/2012

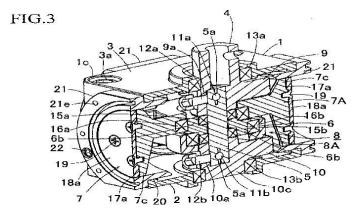
(43) Publication Date: 21/08/2015

(54) Title of the invention: ROTARY CYLINDER 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 	:F01B 1/06 :2009-245920 :26/10/2009 :Japan :PCT/JP2010/066436 :22/09/2010 :WO 2011/052313 :NA :NA :NA	(71)Name of Applicant: 1)YUGEN KAISHA K. R&D Address of Applicant: 1632-12, HIROOKANOMURA, SHIOJIRI-SHI, NAGANO 399-0702, JAPAN. Japan (72)Name of Inventor: 1)KOMATSU, FUMITO
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(57) Abstract:

In the rotary type cylinder device, a first crank shaft is revolved around a shaft and a composite piston assembly is revolved around the first crank shaft in a state where first rotational mass balance relating to first and second piston units around second virtual crank shafts, second rotational mass balance relating to the composite piston assembly around the first crank shaft and third rotational mass balance relating to the first crank shaft and the composite piston assembly around the shaft are uniformly produced by only first and second balance weights which are attached to end parts of the first crank shaft. Therefore, first and second piston units, which are attached to the second cylindrical sections, are linearly reciprocally moved in radial directions of a circular orbit of second virtual crank shafts, which has radius of 2r, with relatively revolving around the shaft.



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

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

:NA

:NA

(54) Title of the invention: METHOD AND SYSTEM FOR DISPLAYING NOWCASTS ALONG A ROUTE ON A MAP

:G01C21/36,G01W1/10 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/856923 1)SKY MOTION RESEARCH, ULC (32) Priority Date :04/04/2013 Address of Applicant: 1410 Stanley, Suite 1020, Montreal, (33) Name of priority country Oubec H3A 1P8 Canada :U.S.A. (86) International Application No :PCT/CA2014/000313 (72) Name of Inventor: Filing Date :04/04/2014 1)LEBlanc, Andre (87) International Publication No :WO 2014/161076 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number

(57) Abstract:

Filing Date

Provided are the methods, devices, systems and computer readable mediums that utilize a weather forecast for generating an itinerary on a map. For example, a server may receive a map request from a user or a device. The request may include a departure location and a destination location. In response to receiving said map request, the server may obtain map data which may be suitable for display on a display device. The map data may comprise a route drawn between the departure location and the destination location. The server may further obtain a weather forecast associated with one or more key points along the route. Based on the weather forecast, the server may modify the map data such that it includes a visual indicator representing at least one weather forecast associated with a key point on the route. The server may output the modified map data to a computing device to be displayed for a user.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD FOR GENERATING AND DISPLAYING A NOWCAST IN SELECTABLE TIME INCREMENTS

 (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 	:G01W1/10 :13/856923 :04/04/2013 :U.S.A. :PCT/CA2014/000330 :04/04/2014 :WO 2014/161081 :NA :NA	(71)Name of Applicant: 1)SKY MOTION RESEARCH, ULC Address of Applicant: 1410 Stanley, Suite 1020, Montreal ,Qubec H3A 1P8 Canada (72)Name of Inventor: 1)LEBLANC, Andre
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present document describes a method for generating and displaying a succession of short- term weather forecasts, also called nowcasts, in selectable time increments. A system for preparing nowcasts, called nowcaster, is used for preparing short- term forecasted weather values with a default time increment between each one of them. The method receives a chosen time increment from a user and the prepared forecasted weather values. The method comprises an aggregator that re- packages the forecasted weather values in the chosen time increments. A succession of short -term weather forecasts, which is a collection of forecasted weather values at the chosen time increment, is then outputted.

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

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR NOWCASTING PRECIPITATION BASED ON PROBABILITY DISTRIBUTIONS

 (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 	:G01W1/10 :13/856923 :04/04/2013 :U.S.A. :PCT/CA2014/000314 :04/04/2014 :WO 2014/161077 :NA :NA	(71)Name of Applicant: 1)SKY MOTION RESEARCH, ULC. Address of Applicant: 1410 Stanley, Suite 1020, Montral, Qubec H3A 1P8 Canada (72)Name of Inventor: 1)LEBLANC, Andre
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for generating nowcasts for a given location over a period. The system receives weather observations and predictions for the given location from a plurality of weather sources , and processes this information to determine a probability distribution of the type of precipitation (PType) and a probability distribution of the rate of precipitation (PRate) over a period. These two probability distributions may then be combined into a plurality of probability distributions (PTypeRate forecasts) indicating the probability of occurrence of a certain type of precipitation at a certain rate over a period over the given location. In some embodiments , instead of determining the PType distribution , one precipitation type may be selected based on the weather observations being inputted to the system to produce the PTypeRate forecast indicating the probability of occurrence of the selected precipitation type at a certain rate over a period over the give location.

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

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTIMODAL LASER SPECKLE IMAGING

(51) International classification	:A61B 5/026	(71)Name of Applicant:
(31) Priority Document No	:61/239,947	1)THE JOHNS HOPKINS UNIVERSITY
(32) Priority Date	:04/09/2009	Address of Applicant :3400 NORTH CHARLES STREET,
(33) Name of priority country	:U.S.A.	BALTIMORE, MARYLAND 21218, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/047949	(72)Name of Inventor:
Filing Date	:07/09/2010	1)REGE, ABHISHEK
(87) International Publication No	:WO 2011/029086	2)THAKOR, NITISH
(61) Patent of Addition to Application	:NA	3)MURARI, KARTIKEYA
Number		4)LI, NAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for multimodal laser speckle imaging may include a first light source positioned to emit laser light toward a target, a second light source positioned to emit light toward the target, a camera positioned to receive light scattered from the target, and a processor. The processor may be programmed to receive from the at least one camera at least one image of the target as illuminated by the laser, obtain a laser speckle contrast image of the target from the at least one image of the target as illuminated by the laser, receive from the at least one camera at least one image of the target as illuminated by the second light source, divide the laser speckle contrast image into subparts, and divide the at least one image of the target as illuminated by the second light source into identical subparts, determine whether each subpart includes a feature of a certain type by combining each subpart of the laser speckle contrast image with the at least one image of the target as illuminated by the second light source and comparing the combination with one or more criteria, and outputting the location and type of features detected in a subpart of the images.

No. of Pages: 23 No. of Claims: 19

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEM AND METHODS FOR MANAGING BLOOD LOSS OF A PATIENT

 (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 	:A61B5/00 :61/646822 :14/05/2012 :U.S.A. :PCT/US2013/040976 :14/05/2013 :WO 2013/173356 :NA :NA :NA	(71)Name of Applicant: 1)GAUSS SURGICAL Address of Applicant: 22700 Alcalde Road, Cupertino, CA 95014 U.S.A. (72)Name of Inventor: 1)ZANDIFAR, Ali 2)SATISH, Siddarth 3)MILLER, Kevin J.
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(57) Abstract:

One variation of the method for managing blood loss of a patient includes: receiving an image of a physical sample; extracting a feature from an area of the image corresponding to the physical sample; estimating a blood volume indicator of the physical sample according to the extracted feature; estimating a patient blood loss based on the blood volume indicator; estimating a euvolemic patient hematocrit based on an estimated patient blood volume and the estimated patient blood loss; receiving a measured patient hematocrit; and generating a volemic status indicator based on a comparison between the measured patient hematocrit and the estimated euvolemic patient hematocrit.

No. of Pages: 53 No. of Claims: 23

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: LENTIVIRAL VECTORS CONTAINING AN MHC CLASS I PROMOTER

(51) International cl (31) Priority Docum (32) Priority Date (33) Name of priority (86) International A Filing Date (87) International Pro- (61) Patent of Addity Number Filing Date (62) Divisional to A Filing Date	ent No ty country pplication No ablication No ion to Application	:A61K39/00 :12305566.7 :23/05/2012 :EPO :PCT/EP2013/059041 :30/04/2013 :WO 2013/174630 :NA :NA	(71)Name of Applicant: 1)THERAVECTY S Address of Applicant:1, Mail du Professeur Georges Math, F - 94800 Villejuif France (72)Name of Inventor: 1)SARRY, Emeline 2)BAUCHE, Ccile
(62) Divisional to A Filing Date	pplication Number	:NA :NA	

(57) Abstract:

The present invention relates to the insertion of a promoter sequence from an MHC class I gene promoter into a lentiviral vector in order to direct the transcription of a transgene, which preferably encodes an immunogenic polypeptide to be expressed in a mammalian cell host, preferably APC (DCs). The invention encompasses these vectors , methods of making the vectors , and methods of using them , including medicinal uses.

No. of Pages: 37 No. of Claims: 14

(21) Application No.10124/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/11/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention: NANOPARTICLES WITH ATTACHED DNA REPAIR INHIBITORS AND NUCLEAR LOCALISATION SIGNAL ELEMENTS

(51) International :A61K47/48,C07K14/47,A61K49/00

classification

(31) Priority Document No :1209517.0 (32) Priority Date :29/05/2012

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

(86) International :PCT/GB2013/051401

Application No :28/05/2013

Filing Date

(87) International Publication: WO 2013/179014

(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)THE UNIVERSITY OF BIRMINGHAM

Address of Applicant :Institute of Research & Development, Birmingham Research Park, Birmingham, West Midlands, B15

2SO U.K. (72) Name of Inventor:

1)KYSELA, Boris

(57) Abstract:

A radio -or chemo- sensitising compound comprising a nanoparticle and attached to the nanoparticle; (i) a DNA repair inhibitor; and (ii) a nuclear localisation signal element (NLS); optionally attached via one or more linker moieties.

No. of Pages: 49 No. of Claims: 21

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: BEVERAGE MACHINE WITH VIBRATION INHIBITOR

 (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 	:A47J31/44 :12172098.1 :15/06/2012 :EPO :PCT/EP2013/062334 :14/06/2013 :WO 2013/186339 :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)CAHEN, Antoine 2)RITHENER, Blaise 3)BESSON, Fran § ois
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A beverage preparation machine (1) has: a beverage preparation module (2) comprising a module interface (21, 25, 26) and an auxiliary device (10) comprising a device interface (15, 16). The module and device interfaces being arranged for assembling the module (2) and the device (10) together. At least one of the module and device interfaces (15, 16, 21, 25, 26) comprises one or more dampening members (21) so arranged that the module (2) and the device (10) are in direct contact only via the dampening member (8) (21) when the module (2) and device (10) are assembled together via the interfaces (15, 16, 21, 25, 26).

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

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : ZOOM LENS SYSTEM, OPTICAL APPARATUS, AND METHOD FOR MANUFACTURING ZOOM LENS SYSTEM

(51) International classification	:G01J	(71)Name of Applicant:
(31) Priority Document No	:2011- 013246	1)NIKON CORPORATION Address of Applicant :12-1, YURAKUCHO 1-CHOME
(32) Priority Date	:25/01/2011	CHIYODA-KU TOKYO 100-8331 JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TANAKA, ISSEI
Filing Date	:NA	2)YOKOI, NORIKAZU
(87) International Publication No	:NA	3)OBAMA, AKIHIKO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

With including, in order from an object side along an optical axis: a first lens group having positive refractive power; a second lens group having negative refractive power; a third lens group having positive refractive power; a fourth lens group having negative refractive power; and a fifth lens group having positive refractive power, upon zooming from a wide-angle end state to a telephoto end state, the first lens group being moved with respect to an image plane, a distance between the first lens group and the second lens group increasing, a distance between the second lens group and the third lens group decreasing, a distance between the third lens group and the fourth lens group varying, and a distance between the fourth lens group and the fifth lens group varying, and a given conditional expression being satisfied, thereby providing a zoom lens system having sufficiently high optical performance.

No. of Pages: 124 No. of Claims: 26

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: VIDEO PREDICTIVE ENCODING DEVICE, VIDEO PREDICTIVE ENCODING METHOD, VIDEO PREDICTIVE ENCODING PROGRAM, VIDEO PREDICTIVE DECODING DEVICE, VIDEO PREDICTIVE DECODING METHOD, AND VIDEO PREDICTIVE DECODING 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 	:24/05/2013 :WO 2014/006997	(71)Name of Applicant: 1)NTT DOCOMO INC. Address of Applicant: 11 -1 Nagatacho 2- chome ,Chiyoda- ku ,Tokyo 1006150 Japan (72)Name of Inventor: 1)TAKIUE Junya 2)BOON Choong Seng 3)TAN Thiow Keng
\mathcal{E}		,
(61) Patent of Addition to Application Number	:WO 2014/006997 :NA :NA	2)BOON Choong Seng
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Conventional methods for a NAL unit header have an inefficient design in which bits are allocated to each of nal_ref_flag and nal_unit_type even if the value of nal_ref_flag is uniquely determined according to the value of nal_unit_type. The video predictive encoding device according to the present invention is equipped with an input means that inputs a plurality of images that constitute a video , and an encoding means that encodes the plurality of images using either an intra prediction method or an inter prediction method ,generates compressed image data , and packetizes the compressed image data together with packet header information. The packet header information includes picture type. The encoding means determines the picture type to uniquely show whether an encoded picture data is used as a reference when decoding another picture.

No. of Pages: 44 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10157/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: COMPOSITIONS CONTAINING FATTY ALCOHOLS, CATIONIC SURFACTANTS AND N -ACYL-N- METHYLGLUCAMINES

(51) International classification :C11D1/52,C11D1/62,C11D3/20 (71)Name of Applicant : (31) Priority Document No :102012010699.8

(32) Priority Date :30/05/2012 (33) Name of priority country :Germany

(86) International Application No:PCT/EP2013/061106 Filing Date :29/05/2013

(87) International Publication No: WO 2013/178701

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)CLARIANT INTERNATIONAL LIMITED

Address of Applicant :Rothausstr. 61, CH-4132 Muttenz

VIRGIN ISLANDS (72) Name of Inventor: 1)KLUG, Peter 2)DAHMS, Gerd

3)MILDNER, Carina

(57) Abstract:

A composition which contains a) one or more N- methyl- N -acylglucamines, at least 80 wt.- % of the N methyl N acylglucamines having a saturated or unsaturated Ci6- Cn- and/or Cis- acyl group, b) one or more fatty alcohols c) one or more cationic surfactants d) optionally other additives, and e) water is suitable for producing cosmetic, dermatological and pharmaceutical emulsions, especially for use in hair care products.

No. of Pages: 29 No. of Claims: 14

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

(43) Publication Date: 21/08/2015

(54) Title of the invention : GLASS MANUFACTURING APPARATUS AND METHODS FOR MANUFACTURING A GLASS RIBBON

(57) Abstract:

A glass manufacturing apparatus is described herein that comprises a forming device configured to produce a glass ribbon and a pull roll device which draws the glass ribbon downward from the forming device. The pull roll device has a first roll apparatus, a second roll apparatus, and a third roll apparatus. The pull roll device is configured to at least independently operate the first roll apparatus and the second roll apparatus such that at least one of a first upstream pair of draw rolls rotates with a substantially constant torque and at least one of a first downstream pair of draw rolls rotates with a substantially constant angular velocity. In further examples methods of manufacturing a glass ribbon are provided.

No. of Pages: 45 No. of Claims: 23

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TIP -LOADED MICRONEEDLE ARRAYS FOR TRANSDERMAL INSERTION

:A61M37/00,A61M5/158 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)UNIVERSITY OF PITTSBURGH OF THE :61/641209 (32) Priority Date :01/05/2012 COMMONWEALTH SYSTEM OF HIGHER EDUCATION (33) Name of priority country :U.S.A. Address of Applicant :200 Gardner Steel Conference Center (86) International Application No :PCT/US2013/039084 Thackeray And Ohara Streets Pittsburgh PA 15260 U.S.A. Filing Date :01/05/2013 2)CARNEGIE MELLON UNIVERSITY (87) International Publication No :WO 2013/166162 (72) Name of Inventor: (61) Patent of Addition to Application 1)FALO Louis D. Jr. :NA Number 2)ERDOS Geza :NA Filing Date 3)OZDOGANLAR O. Burak (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method of forming a microneedle array can include forming a microneedle array that has one or more bioactive component. The microneedle array can include a base portion and plurality of microneedles extending from the base portion, and the one or more bioactive components are present in a higher concentration in the plurality of microneedles than in the base portion.

No. of Pages: 68 No. of Claims: 37

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR SYNTHESIS OF ZINC OXYSULPHIDE ALLOYS NANOCRYSTALS AND COMPOSITION INDUCED ANOMALOUS BAND GAP ENGINEERING FOR OPTOELECTRONIC DEVICES

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant : 1)Prof. Avinash Chandra Pandey
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :Nanotechnology Application Centre University of Allahabad Allahabad Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)Shiv Kumar Pandey 2)Raghvendra Singh Yadav
(61) Patent of Addition to Application Number	:NA	3)Vyom Parashar
Filing Date (62) Divisional to Application Number	:NA :NA	4)Shipra Pandey 5)Avinash C Pandey
Filing Date	:NA	•, • • • • • • •

(57) Abstract:

This invention claims to be a fast and facile method for the synthesis of nearly monodisperse Zinc oxysulfide alloy nanocrystals with zinc blende (ZB) phase. This chemically formulated solution-combustion method is acclaimed for the first time with cost-effective potentially safe chemicals having no environmental consequences and without using catalyst. An anomalous band gap bowing with modulation in band gap from 3.93 eV to 3.74 eV was observed with least band gap of 2.7 eV. Such large band gap off-sets between their most cited binary ZnO and ZnS components has made it feasible for their band gap based applications. Theoretical observations have strongly supported its experimental findings and supported the thermodynamic solubility factor for these alloys (30%). Tunable visible range emissions with manifold escalation in emission intensity ascertain it as a potential material for optoelectronic and solar cell applications due to its large band gap offsets.

No. of Pages: 14 No. of Claims: 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10540/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: MULTILAYER ENCAPSULANT FILM FOR PHOTOVOLTAIC MODULES

(51) International :B32B27/08,B32B27/20,B32B27/28 classification

(31) Priority Document No :2008839

(32) Priority Date :16/05/2012 (33) Name of priority country: Netherlands

(86) International Application :PCT/EP2013/060073

No :15/05/2013

Filing Date

(87) International Publication :WO 2013/171272

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)NOVOPOLYMERS N.V.

Address of Applicant : Rijksweg 8A B 2870 Puurs Belgium

(72)Name of Inventor:

1)DECLERCK Johan Willy

2)HASAERS Koen 3)PROOST Kristof

(57) Abstract:

The present invention relates to a multilayer film for the encapsulation of photovoltaic cells comprising: (a) at least a first outer thermoplastic polymer layer;(b) a second thermoplastic polymer intermediate layer arranged between the first and the third layer and (c) a second outer thermoplastic polymer layer wherein at least one of layers (a) (b) or (c) is opaque.

No. of Pages: 42 No. of Claims: 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1327/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FOOD SUPPLEMENT CONTAINING HIGH PROTEIN

(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SANT PRASAD GAUTAM
(32) Priority Date	:NA	Address of Applicant :N-13, NIVEDITA KUNJ, SECTOR-10,
(33) Name of priority country	:NA	R.K. PURAM, NEW DELHI, INDIA. Delhi India
(86) International Application No	:NA	2)JAYA SINGH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)SANT PRASAD GAUTAM
(61) Patent of Addition to Application Number	:NA	2)JAYA SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

This invention relates to a novel formulation of mycoprotein mushroom powder and its method of preparation thereof. The present invention provides valuable nutrients to the diet. Its increases appetite and strengthens of digestion. The formulation is a dietary supplement composition in powder (or any other form) that may be a mixture of mushroom, herbs and yeast to provide nutritional or other benefits.

No. of Pages: 14 No. of Claims: 8

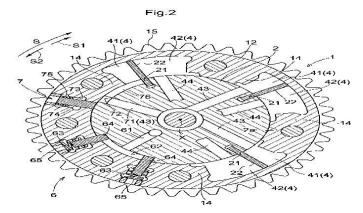
(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VALVE TIMING 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 Filing Date 	:F01L 1/34 :2009-253278 :04/11/2009 :Japan :PCT/JP2010/065501 :09/09/2010 :WO 2011/055589 :NA :NA :NA	(71)Name of Applicant: 1)AISIN SEIKI KABUSHIKI KAISHA Address of Applicant:1, ASAHI-MACHI 2-CHOME, KARIYA-SHI, AICHI 4488650, JAPAN. Japan (72)Name of Inventor: 1)KOBAYASHI MASAKI 2)ADACHI KAZUNARI 3)UOZAKI MITSURU 4)FUJIWAKI KENJI 5)MASUDA SHOHEI
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(57) Abstract:

A valve timing control apparatus includes a driving-side rotary body, a driven-side rotary body, a fluid pressure chamber partitioned into a retard angle chamber and an advance angle chamber by a partitioning portion provided in at least one of the driving-side rotary body and the driven-side rotary body, a fluid control mechanism for controlling feeding of working fluid from a working fluid pump for feeding the working fluid to the fluid pressure chamber and controlling also discharging of the working fluid from the fluid pressure chamber, a first lock mechanism capable of restraining a relative rotational phase to a first predetermined phase between a most retarded angle phase and a most advanced angle phase, and a second lock mechanism capable of restraining the relative rotational phase to a second predetermined phase different from the first predetermined phase.



No. of Pages: 40 No. of Claims: 8

(22) Date of filing of Application :01/03/2012

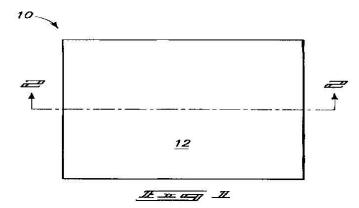
(43) Publication Date: 21/08/2015

(54) Title of the invention: ANTIMICROBIAL MEDICAL DRESSINGS AND PROTECTING WOUNDS AND CATHETER SITES

(51) International classification	:A61F 13/00	(71)Name of Applicant:
(31) Priority Document No	:61/239,130	1)HYPROTEK, INC.
(32) Priority Date	:02/09/2009	Address of Applicant :4219 E. 65TH AVENUE, SPOKANE,
(33) Name of priority country	:U.S.A.	WASHINGTON 99223-1806 U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/047756	(72)Name of Inventor:
Filing Date	:02/09/2010	1)TENNICAN, PATRICK, O.
(87) International Publication No	:WO 2011/028965	2)PHIPPS, L., MYLES
(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 present disclosure provides oral dosage forms comprising an antiplatelet agent and an enterically coated acid inhibitor, as well as methods of treating subjects with an antiplatelet agent and an enterically coated acid inhibitor.



No. of Pages: 41 No. of Claims: 23

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR SULFUR REMOVAL FROM REFINERY OFF GAS

 (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 	:B01D 53/48 :61/246,592 :29/09/2009 :U.S.A. :PCT/US2010/046309 :13/08/2010 :WO 2011/041043 :NA	(71)Name of Applicant: 1)PRAXAIR TECHNOLOGY, INC. Address of Applicant: 39 OLD RIDGEBURY ROAD, DANBURY, CONNECTICUT 06810, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MINISH MAHENDRA SHAH 2)RAYMOND FRANCIS DRNEVICH 3)VASILIS PAPAVASSILIOU
- 14	:NA :NA :NA	

(57) Abstract:

Organic sulfur compounds contained in streams having either high ort low concentrations of olefins are converted to hydrogen sulfides which can be then be removed using conventional amine treating systems. The process uses a catalytic reactor with or without a hydrotreater depending on the olefin concentration of the off gas stream. The catalytic reactor operates in a hydrogenation mode or an oxidation mode to convert a majority of organic sulfur compounds into hydrogen sulfides.

No. of Pages: 27 No. of Claims: 23

(21) Application No.1938/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR MANUFACTURING 2-[3,5-DIFLUORO-3'-METHOXY-1,1'- BIPHENYL-4-YL)AMINOJNICOTINIC ACID

(51) International classification	:C07D 213/80	(71)Name of Applicant :
(31) Priority Document No	:09382212.0	1)ALMIRALL, S.A.
(32) Priority Date	:16/10/2009	Address of Applicant :RONDA DEL GENERAL MITRE,
(22) Name of missister according	:EUROPEAN	151, E-08022 BARCELONA, SPAIN Spain
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/006283	1)MARIA CARMEN BOIX BERNARDINI
Filing Date	:14/10/2010	
(87) International Publication No	:WO 2011/045059	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

This invention is directed to a process for manufacturing 2-[(3,5-difluoro-3'-methoxy-1,1'-biphenyl-4-yl)amino]nicotinic acid, which comprises the steps of: a) providing 3,5-difluoro-3'-methoxybiphenyl-4-amine, b) preparing and isolating an aminium salt of the 3,5-difluoro-3'-methoxybiphenyl-4-amine, and c) further reacting the aminium salt of 3,5-difluoro-3'-methoxybiphenyl-4-amine obtained in b) to obtain 2-[(3,5-difluoro-3'-methoxy-1,1'-biphenyl-4-yl)amino]nicotinic acid.

No. of Pages: 24 No. of Claims: 15

(21) Application No.180/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: AN APPARATUS TO DETERMINE HEAT AND LIGHT CUTTING ABILITY OF CURTAIN

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NORTHERN INDIA TEXTILE RESEARCH
(32) Priority Date	:NA	ASSOCIATION,
(33) Name of priority country	:NA	Address of Applicant :(LINKED TO MINISTRY OF
(86) International Application No	:NA	TEXTILES, GOVT OF INDIA) SECTOR-23, RAJ NAGAR,
Filing Date	:NA	GHAZIABAD-201002, INDIA Uttar Pradesh India
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MANJEET SINGH PARMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

This invention relates to an apparatus to determine heat and light cutting ability of curtain.

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

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTIPLE EMULSIONS CREATED USING JETTING AND OTHER TECHNIQUES

 (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 	:B01F 5/02 :61/239, 405 :02/09/2009 :U.S.A. :PCT/US2010/047647 :01/09/2010 :WO 2011/028764 :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant:17 QUINCY STEEET, CAMBRIDGE, MA 02138, U.S.A. U.S.A. (72)Name of Inventor: 1)WEITZ, DAVID, A. 2)THIELE, JULIAN, W.P. 3)ABATE, ADAM, R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention generally relates to emulsions, and more particularly, to multiple emulsions. In one aspect, multiple emulsions are formed by urging a fluid into a channel, e.g., by causing the fluid to enter the channel as a jet. Side channels can be used to encapsulate the fluid with a surrounding fluid. In some cases, multiple fluids may flow through a channel collinearly before multiple emulsion droplets are formed. The fluidic channels may also, in certain embodiments, include varying degrees of hydrophilicity or hydrophobicity. As examples, the fluidic channel may be relatively hydrophilic upstream of an intersection (or other region within the channel) and relatively hydrophobic downstream of the intersection, or vice versa. In some cases, the average cross-sectional dimension may change, e.g., at an intersection. For instance, the average cross-sectional dimension may increase at the intersection. Surprisingly, a relatively small increase in dimension, in combination with a change in hydrophilicity of the fluidic channel, may delay droplet formation of a stream of collinearly-flowing multiple fluids under certain flow conditions; accordingly, the point at which multiple emulsion droplets are formed can be readily controlled within the fluidic qhannel. Income cases, the multiple droplet may be formed from the collinear flow of fluids at (or near) a single location within the fluidic channel. In addition, unexpectedly, systems such as those described herein may be used to encapsulate fluids in single or multiple emulsions that are difficult or impossible to encapsulate using other techniques, such as fluids with low surface tension, viscous fluids, or viscoelastic fluids. Other aspects of the invention are generally directed to methods of making and using such systems, kits involving such systems, emulsions created using such systems, or the like.

No. of Pages: 67 No. of Claims: 60

(22) Date of filing of Application :01/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR OXIDATIVELY INCREASING CETANE NUMBER OF HYDROCARBON FUEL

(51) International classification	:C01L 1/08	(71)Name of Applicant :
(31) Priority Document No	:61/243,053	1)CETAMAX VENTURES LTD.
(32) Priority Date	:16/09/2009	Address of Applicant :SUITE 1201, TOWER 2, THE
(33) Name of priority country	:U.S.A.	GATEWAY 25, CANTON ROAD, TSIMSHATSUI,
(86) International Application No	:PCT/IB2010/002398	KOWLOON, HONG KONG (CN). China
Filing Date	:10/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/033383	1)KIN, MENG CHAN
(61) Patent of Addition to Application	:NA	2)KAMALUL, ARIFIN YUSOF
Number		3)SHAHRUL, NIZA BIN ABDUL RAHIM
Filing Date	:NA	4)MD ASRAFF, BIN ABDUL KARIM
(62) Divisional to Application Number	:NA	5)ROGER, KAI LOTT
Filing Date	:NA	
(57) Abstract :		<u> </u>

(57) Abstract:

High energy (e.g., ultrasonic) mixing of a liquid hydrocarbon feedstock and reactants comprised of an oxidation source, catalyst and acid yields a diesel fuel product or additive having substantially increased cetane number. Ultrasonic mixing creates cavitation, which involves the formation and violent collapse of micron-sized bubbles, which greatly increases the reactivity of the reactants. This, in turn, substantially increases the cetane number compared to reactions carried out using conventional mixing processes, such as simple mechanical stirring. Alternatively, an aqueous mixture comprising water and acid can be pretreated with an oxidation source such as ozone and subjected to ultrasonic cavitation prior to reacting the pretreated mixture with a liquid hydrocarbon feedstock.

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

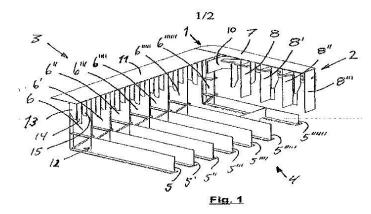
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CATHODE SHELL STRUCTURE

(51) International classification	:C25C 3/10	(71)Name of Applicant:
(31) Priority Document No	:20092968	1)NORSK HYDRO ASA
(32) Priority Date	:07/09/2009	Address of Applicant :N-0240 OSLO, NORWAY Norway
(33) Name of priority country	:Norway	(72)Name of Inventor:
(86) International Application No	:PCT/NO2010/000327	1)INGO EICK
Filing Date	:03/09/2010	2)DIRK KROSCHINSKI
(87) International Publication No	:WO 2011/028132	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Cathode structure for an electrolysis cell, preferably a cell for production of aluminium according to the Hall-Heroult process, said structure comprises a shell with vertical stiffeners and horizontal webs at its outside, and further several cradle structures (12) consisting of interconnected vertical structural elements (6) and horizontal beams (5). The structure comprises at least one horizontal web (9) having apertures (16) and further being arranged in contact with said shell.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.140/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ONE POT METHOD FOR THE PREPARATION OF HIGH MOLECULAR WEIGHT POLYLACTID

(51) International classification	·COSB	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
• •	:NA	RESEARCH
(32) Priority Date		
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)BAIJAYANTIMALA GARNAIK
(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 one pot solvent free process for preparation of high molecular weight polylactide catalysed by a precursor of a divalent metal and an acid resulting in corresponding stereo selective polylactide.

No. of Pages: 22 No. of Claims: 8

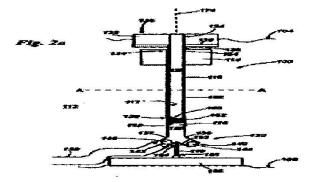
(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PUMPING DEVICE

(51) International classification	:F03B 13/18	(71)Name of Applicant:
(31) Priority Document No	:0915779.3	1)DARMOUTH WAVE ENERGY LIMITED
(32) Priority Date	:09/09/2009	Address of Applicant :DERWENT LODGE, SOUTH TOWN,
(33) Name of priority country	:U.K.	DARTMOUTH DEVON, TQ6 9BU, GREAT BRITAIN. U.K.
(86) International Application No	:PCT/GB2010/051501	(72)Name of Inventor:
Filing Date	:08/09/2010	1)SMITH, ALVIN
(87) International Publication No	:WO 2011/030149	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	·IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wave-powered pumping device for location in a body of water is described. The pumping device includes a submersible cylinder to be anchored to the bed of the body of water, the cylinder defining a bore. An underwater float acts on the cylinder and is arranged to urge the cylinder into an upright orientation in the water. A surface float is arranged to float at, or close enough to, the surface of the body of water in use to move up and down in the body of water in accordance with wave movement and tidal movement. An elongate member depends from the surface float. The elongate member extends telescopically into the bore of the submersible cylinder to define a pumping chamber within the cylinder. The volume of the pumping chamber varies with wave movement in a pumping cycle to draw fluid into the pumping chamber on an upstroke of the elongate member and to pump fluid out of the pumping chamber on a downstroke of the elongate member. The length of the pumping chamber varies with tidal movement to adjust to changing tidal depth by extending or retracting the elongate member relative to the cylinder while effective pumping cycles continue across a tidal range without needing to move the cylinder with respect to the bed of the body of water. To the extent that the elongate member is retracted into the bore of the cylinder, the elongate member occupies a majority of the cross-sectional area of the bore.



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

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPOUNDS AND COMPOSITIONS FOR TREATING CANCER

 (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 	:C07D 413/12 :61/275,754 :02/09/2009 :U.S.A. :PCT/US2010/047615 :02/09/2010	(71)Name of Applicant: 1)CANTHERA THERAPEUTICS, INC. Address of Applicant: C/O CARL M BERKE, PARTNERS INNOVATION FUND, 101 HUNTINGTON AVE-4TH FLOOR, BOSTON MA 02199, U.S.A. U.S.A. 2)MASSACHUSETTS GENERAL HOSPITAL CORPORATION (72)Name of Inventor: 1)FOLEY, MICHAEL, ANDREW 2)GOULD, ROBERT 3)ELLIOT, PETER 4)MANDINOVA, ANNA 5)LEE, SAM
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(57) Abstract:

The invention relates to compounds and composition for the treatment and prevention of cancer. The invention also covers all diseases that may be treated by selective modulation of levels of reactive oxygen species in diseased cells versus normal cells. Methods for the preparation and administration of such compositions are also disclosed.

No. of Pages: 56 No. of Claims: 15

(22) Date of filing of Application :05/03/2012

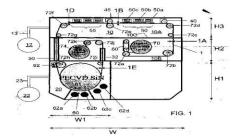
(43) Publication Date: 21/08/2015

(54) Title of the invention: COATING METHOD AND COATING 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 Filing Date 	:B05D 7/04 :09169668.2 :07/09/2009 :EUROPEAN UNION :PCT/NL2010/050560 :06/09/2010 :WO 2011/028119 :NA :NA :NA	(71)Name of Applicant: 1)HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH Address of Applicant: KLYBECKSTRASSE 200, CH-4057 BASEL, SWITZERLAND, Switzerland (72)Name of Inventor: 1)EDWARD WILLEM ALBERT YOUNG 2)ERIK DEKEMPENEER 3)ANTONIUS MARIA BERNARDUS VAN MOL 4)HERBERT LIFKA 5)PETER VAN DE WEIJER 6)BERNHARD SAILER 7)EMILIE GALAND 8)RICHARD FRANTZ 9)DIMITER LUBOMIROV KOTZEV 10)MOHAMMED ZOUBAIR CHERKOUI
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(57) Abstract:

An apparatus is described for coating a flexible substrate (1) with at least a first organic layer (2) and a first inorganic layer (4). The apparatus comprises a first and a second chamber (10, 20) and an atmosphere decoupling slot (30) between the first and the second chamber. A printing facility (40) is arranged in the first chamber (10), for printing the flexible substrate with a mixture comprising at least one precursor for a polymer, oligomer or a polymer network and a polymerization initiator. A curing facility (50) is arranged in the first chamber (10), for curing the deposited mixture, therewith forming the at least first organic layer (2). A vapor deposition facility (60) is arranged in the second chamber (20), for depositing the at least first inorganic layer (4) at the substrate (1) provided with the at least first organic layer (2). The apparatus comprises a facility (70) for guiding the flexible substrate (1) along the printing facility (40), along the curing facility (50) and via the atmosphere decoupling slot (30) along the vapor deposition facility (60).



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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE HAVING PISTON CONFIGURED FOR REDUCED PARTICULATE EMISSIONS , AND METHOD

(51) International classification :F02F3/00,F02B23/06 (71)Name of Applicant : (31) Priority Document No 1)CATERPILLAR INC. :13/487558 (32) Priority Date Address of Applicant: 100 N.E. Adams Street, Peoria, IL :04/06/2012 (33) Name of priority country 61629-9510 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/041781 (72)Name of Inventor : Filing Date :20/05/2013 1) GLADDEN, John (87) International Publication No :WO 2013/184335 2)BATTA, Christopher, L. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An internal combustion engine (10) includes a housing (12) having a cylinder bore (14) defining a bore diameter (16) of 260mm or greater a fuel injector (24) coupled to the housing (12), and a crankshaft (28) rotatably coupled to the housing. A piston (50) is coupled to the crankshaft (28) and movable to increase a fluid pressure within the cylinder bore (14) to an autoignition pressure and includes a combustion face (62) defining a plurality of valve pockets (64) in a compound combustion bowl (66). Spray orifices (26) in the fuel injector (24) define a spray angle (94) greater than 145°, and the combustion bowl (66) has a diameter from 190mm to 230mm such that combustion of injected fuel yields a BMEP of 1600 kPa or greater and 0.25 grams particulate matter or less per bkWh energy output of the internal combustion engine (10).

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

(22) Date of filing of Application :01/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : MULTI-TARGET DATA PROCESSING FOR MULTI-RECEIVER PASSIVE RADARS IN AN SFN OR MFN MODE

 (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 	:30/08/2010 :WO 2011/026810 :NA :NA :NA	(71)Name of Applicant: 1)THALES Address of Applicant: 45 RUE DE VILLIERS, 92200 NEUILLY SUR SEINE, FRANCE. France (72)Name of Inventor: 1)NICOLAS MILLET 2)SEBASTIEN ALLAM 3)MATHIEU KLEIN 4)THIERRY MALHERBE
Filing Date	:NA	

(57) Abstract:

The invention relates to a data processing .method for a .. multistatic radar system comprising a plurality of transmitters and receivers, each receiver being associated with one or more transmitters so as to form one or more bistatic bases According to the invention, the method involves producing and sustaining multi-receiver Cartesian tracks from bistatic blips produced by the various receivers, and comprises a first step in which mono-receiver Cartesian tracks are produced and sustained, each mono-receiver track consisting of blips formed by a given receiver, and a second step in which multi-receiver Cartesian tracks are produced and sustained, each multi-receiver track being constituted by merging the mono-receiver tracks together and with bistatic blips which have not been associated with a mono-receiver track. The produced tracks are transmitted together with the attributes thereof to processing means operating upstream from the method.

No. of Pages: 54 No. of Claims: 17

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROCESSING INSURANCE CONTRACTS BASED ON CLOUD COMPUTING, AND RELATED BUSINESS MANAGEMENT TOOL

(51) International classification	:G06C	(71)Name of Applicant:
(31) Priority Document No	:TW100133398	
(32) Priority Date	:16/09/2011	COMPANY, LIMITED
(33) Name of priority country	:Taiwan	Address of Applicant :AIA BUILDING, NO.1 STUBBS
(86) International Application No	:NA	ROAD, HONG KONG Hongkong(China)
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)QUEK, CHU YANG
(61) Patent of Addition to Application Number	:NA	2)SARANGI, SAMIR KUMAR
Filing Date	:NA	3)ETHERINGTON-SQUIRES, HAZEL ANNE
(62) Divisional to Application Number	:NA	4)HUDSON, DOUGLAS
Filing Date	:NA	5)CHIM, SIM LAI

(57) Abstract:

A system of processing insurance contracts based on cloud computing comprises a verification server and a business management tool. The verification server can receive an electronic insurance application incorporating insurance data and an electronic signature, and an electronic mailbox address, check whether the electronic insurance application satisfies an underwrite condition, and generate and send an electronic insurance policy to the electronic mailbox address when the underwrite condition is satisfied. The business management tool can receive the input of the insurance data, the electronic signature and the electronic mailbox address, generate the electronic insurance application incorporating the insurance data and the electronic signature, and transmit the electronic insurance application and the electronic mailbox address to the verification server via a communication unit.

No. of Pages: 39 No. of Claims: 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: SYNERGISTIC ANTIMICROBIAL COMPOSITION

 (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 	:A01N 31/08 :61/277,541 :25/09/2009 :U.S.A. :PCT/US2010/048845 :15/09/2010 :WO 2011/037790 :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BEI YIN
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A synergistic antimicrobial composition. The composition contains at least two components. The first component is orthophenylphenol or its alkali metal or ammonium salts. The second component is 4,4-dimethyloxazolidine (DMOZ).

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

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

(43) Publication Date: 21/08/2015

(54) Title of the invention : OPTICAL METHOD FOR INSPECTING TRANSPARENT OR TRANSLUCENT CONTAINERS BEARING VISUAL MOTIFS

 (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 	:G01N21/90 :12 54903 :28/05/2012 :France :PCT/FR2013/051178 :28/05/2013 :WO 2013/178928 :NA :NA :NA	(71)Name of Applicant: 1)MSC & SGCC Address of Applicant: 1 Chemin des Plattes, Zone Artisanale des Plattes, F- 69390 Vourles France (72)Name of Inventor: 1)ROMAN, Sbastien 2)PLOTON, Nicolas
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(57) Abstract:

The invention relates to an optical method for inspecting containers (2), said method consisting in: producing at least one image (10) of each container; determining, in the image of the container at least one search area (Zr) wherein at least one visual motif appears (3); producing a digital mask (Mi) for at least one area (Zt) for processing the images comprising at least the visual motif (3); and comparing at least each pixel of the image processing area with a digital mask (Mi). According to the invention the method consists in: selecting at least one visual motif (3) pertaining to the container; determining the position and the orientation of the visual motif (3) selected in said search area (Zr) of the image of the container; applying a geometric transformation (T) to the digital mask (Mi) or the processing area (Zt) in such a way as to be able during the processing step, to place the mask (Mi) and the processing area (Zt) in a position of coincidence; and applying an image processing operation to each pixel of the processing area (Zt), depending on the value of intensity of the coinciding pixel of the digital mask (Mi).

No. of Pages: 22 No. of Claims: 7

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: THREE- DIMENSIONAL MANIPULATION OF TEAMS OF QUADROTORS

(57) Abstract:

A system and method is described for controlling flight trajectories of at least two flying vehicles towards goal positions. The system includes at least two flying vehicles with onboard inertial measurement units for determining and updating orienta tion, angular velocities, position and linear velocities of the at least two flying vehicles, a motion capture system to detect current position and velocity of each of the at least two flying vehicles, and a base controller in communication with the motion capture system and in communication with the plurality of flying vehicles. The base controller calculates for each of the flying vehicles, at predeter mined intervals of time, optimum trajectory paths using piece-wise smooth polynomial functions, applying weighting factors, and enforcing overlap constraints. The base controller also sends, based on the calculated optimum trajectory path, commands to each of the flying vehicles to control, individually, their state, causing the at least two flying vehicles to follow the calculated optimum trajectory path while avoiding collisions.

No. of Pages: 50 No. of Claims: 35

(22) Date of filing of Application :01/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : SELF-LUBRICATING COATING AND METHOD FOR PRODUCING A SELF-LUBRICATING COATING

 (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 	:C25D 15/00 :10 2009 036 311.4 :06/08/2009 :Germany :PCT/EP2010/061125 :30/07/2010 :WO 2011/015531 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS AMP GMBH Address of Applicant: AMPERESTRASSE 12-14, D-64625 BENSHEIM, GERMANY. Germany 2)TYCO ELECTRONICS CORPORATION (72)Name of Inventor: 1)FRECKMANN, DOMINIQUE 2)SCHMIDT, HELGE
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(57) Abstract:

The invention relates to a coating (7) made up of a metal layer (8), in which a lubricant (1) which can be released by wear is embedded. In order to provide a wear-resistant coating (7) which is simply structured and economical to produce, the invention provides for the lubricant (1) to consist of an at least singly branched organic compound (2). The present invention further relates to a self-lubricating component (11) with a coating (7) according to the invention applied at least in certain portions, to a method for producing a coating (7), and also to a coating electrolyte (10) comprising at least one type of metal ions and at least one lubricant (1) consisting of an at least singly branched organic compound (2).

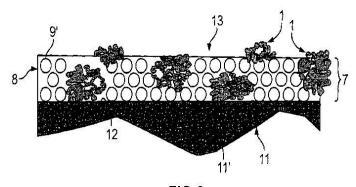


FIG.3

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

(22) Date of filing of Application :05/03/2012

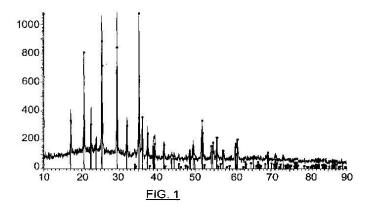
(43) Publication Date: 21/08/2015

(54) Title of the invention : MATERIAL CONSISTING OF COMPOSITE OXIDE PARTICLES, METHOD FOR PREPARING SAME, AND USE THEREOF AS ELECTRODE ACTIVE MATERIAL

(51) International classification	:H01M 4/485	(71)Name of Applicant:
(31) Priority Document No	:2,678,540	1)HYDRO-QUEBEC
(32) Priority Date	:15/09/2009	Address of Applicant :75, BOULEVARD RENE-LEVESQUE
(33) Name of priority country	:Canada	OUEST, 22 ERNE ETAGE, MONTREAL, QUEBEC H2Z 1A4
(86) International Application No	:PCT/CA2010/001418	(CA) Canada
Filing Date	:15/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/032264	1)GUERFI, ABDELBAST
(61) Patent of Addition to Application	:NA	2)LABRECQUE, JEAN-FRANCOIS
Number	:NA	3)DONTINGNY, MARTIN
Filing Date	:NA	4)CHAREST, PATRICK
(62) Divisional to Application Number	:NA	5)ZAGHIB, KARIM
Filing Date	:NA	
(57) Abstract:		<u> </u>

(57) Abstract:

The invention relates to a positive electrode material, consisting of particles having a complex oxide OC1 core, an at least partial complex oxide OC2 coating, and an adhesive carbon surface deposit. The material is characterized in that the complex oxide OC1 is an oxide having a high energy density and in that the oxide OC2 is an oxide of a metal having a catalytic effect on the reaction of the carbon deposit, the oxide having good electronic conductivity. The presence of the OC2 layer facilitates the deposit of a carbon adhesive layer at the surface of the oxide particles, and improves the conductivity of the material when the latter is used as an electrode material. The electrode material can particularly be used in the manufacture of a lithium battery.



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

(22) Date of filing of Application :27/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD AND APPARATUS FOR FABRICATING A BEVERAGE CAPSULE

(51) International classification: B65B7/16,B65B29/02,B65B31/02 (71) Name of Applicant:

(31) Priority Document No :12174912.1 (32) Priority Date :04/07/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/063174 No

Filing Date

:25/06/2013

(87) International Publication

:WO 2014/005872

(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)VILLAIN .Olivier

2)MATHIAS, Patricia Ann

3)EICHLER, Paul

4)SARRAZIN -HORISBERGER .Cline 5) VON BLITTERSDORFF, Martin

6)DJAMER, Abdenour

7) KESSLER, Ulrich

8) GUENAT, Christian

(57) Abstract:

A method for fabricating a beverage capsule comprises the steps of providing a first wall member (103) delimiting a cavity (106) and having a flange (109) disposed about an open end (108) communicating with said cavity (106), providing a quantity of edible granules (107) within said cavity (106), positioning a second wall member (112) upon said flange (109) and said open end (108) of said first wall member (103), attaching said second wall member (112) to said flange (109) at at least two regions of said flange (109) thereby dividing the flange (109) circumferentially into at least two attached regions and at least two unattached regions applying a vacuum (119) between said first and second wall members (103, 112) creating a vacuum (119) within said cavity (106), and sealing said first and second wall members (103, 112) along said flange (109), thereby maintaining said vacuum (119) within said cavity (106).

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS FOR DIAGNOSING CHRONIC VALVULAR DISEASE

 (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 	:G01N33/68 :61/655704 :05/06/2012 :U.S.A. :PCT/US2013/044008 :04/06/2013 :WO 2013/184628 :NA :NA	(71)Name of Applicant: 1)NESTEC SA Address of Applicant: Avenue Nestle 55, CH -1800 Vevey Switzerland (72)Name of Inventor: 1)LI, Qinghong 2)LAFLAMME, Dorothy, P. 3)HANNAH, Steven, S.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides methods for diagnosing chronic valvular disease in an animal. The methods comprise obtaining a sample from the animal; analyzing the sample for the presence of one or more metabolites associated with chronic valvular disease; comparing the amount of each such metabolite identified in the sample to a corresponding amount of the same metabolite present in a sample from one or more comparable control animals that do not suffer from chronic valvular disease; and using said comparison to diagnose chronic valvular disease in the animal if the metabolites found in the animal s sample is greater than or less than the amount present in the control animal s sample.

No. of Pages: 17 No. of Claims: 20

(21) Application No.10128/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : IMMUNOGENIC COMPOUNDS COMPRISING HIV GP41 PEPTIDE COUPLED TO CRM197 CARRIER PROTEIN

(51) International classification :A61K39/21,A61P31/18 (71)Name of Applicant : (31) Priority Document No :12305602.0 1)INNAVIRVAX (32) Priority Date Address of Applicant: Geopole Entreprise, Campus 1, 4 Rue :31/05/2012 Pierre Fontaine, F- 91058 Evry Cedex France (33) Name of priority country :EPO (86) International Application No :PCT/IB2013/054482 (72) Name of Inventor: Filing Date :30/05/2013 1)CROUZET, Jo«l (87) International Publication No :WO 2013/179262 2)HO TSONG FANG, Rapha«l (61) Patent of Addition to Application 3)DESFONTAINES, Dominique :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to the field of vaccines directed against viruses of the HIV family. More particularly, it relates to an immunogenic compound comprising a peptide of the following formula (I) NH 2 -[Nt] y - P -W- N- X- S- X 2 - S- N- X 3 - X 4 -X -X 6 -X 7 -I- W -[Ct] z- COOH (I) which is covalently linked to a carrier protein consisting of a CRM197 protein. It also concerns a composition containing this immunogenic compound and the uses of these immunogenic compounds and compositions for preventing and/or treating a condition caused by the infection of an individual with a HIV virus.

No. of Pages: 59 No. of Claims: 16

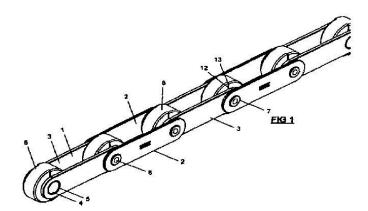
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A ROLLER CHAIN

 (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 	:B65G 17/38 :0917494.7 :07/10/2009 :U.K. :PCT/GB2010/001860 :05/10/2010 :WO 2011/0042690 :NA	(71)Name of Applicant: 1)RENOLD PLC Address of Applicant:STYAL ROAD, WYTHENSHAWE, MANCHESER M22 5WL (GB) U.K. (72)Name of Inventor: 1)PYPER, TORQUIL EDMUND MEREDITH 2)CHRISTMAS, MICHAEL CHARLES 3)LODGE, CHRISTOPHER JAMES
(86) International Application No Filing Date(87) International Publication No	:05/10/2010 :WO 2011/0042690	(72)Name of Inventor: 1)PYPER, TORQUIL EDMUND MEREDITH 2)CHRISTMAS, MICHAEL CHARLES

(57) Abstract:

A chain (1) having a longitudinal axis and comprising a plurality of interconnected chain link members. The link members are arranged along the longitudinal axis of the chain into inner link members (3) that are flanked by outer link members (2). The outer link members extend between adjacent pairs of inner link members. Two apertures (5, 7) are defined in each of the link members and spaced apart in the direction of the axis, and the inner and outer link members (3, 2) are arranged such that one of the apertures in each of the outer and inner link members are in alignment. The inner and outer link members are interconnected by transverse pins (8) that are received in the aligned apertures. The chain further comprises a roller (6) which is pivotally mounted adjacent one of the link members (3). The roller (6) has a side surface (6B) facing a surface of the adjacent link member (3) so as to define an interface region between the roller and the link member, and at least one wiper element (13) is provided at the interface region and defining a wiping edge (13) that contacts, and is movable relative to, at least one of the surfaces in the interface region.



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

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD FOR PACKAGING A BEVERAGE POWDER IN A BEVERAGE CAPSULE

(51) International :B65B29/02,B65B31/02,B65D77/00 classification

(31) Priority Document No :12174911.3

(32) Priority Date :04/07/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/063175

:25/06/2013

Filing Date

(87) International Publication :WO 2014/005873

(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)NESTEC S.A.

Address of Applicant : Av. Nestl 55, CH- 1800 Vevey

Switzerland

(72) Name of Inventor:

1)VILLAIN, Olivier

2)MATHIAS ,Patricia Ann

3)MAGRI, Carlo

4)MERCKAERT, Peter

5) GUENAT, Christian

(57) Abstract:

A method for packaging in a capsule a beverage powder tending to evolve a gas, said capsule comprising a capsule body (103) defining a cavity (106) containing a quantity of beverage powder, said cavity being hermetically sealed up comprises the following steps: - providing a quantity of said beverage powder evolving a gas within said cavity (106) of said capsule body (103); applying a vacuum into said cavity (106) of the capsule body (103), so that the internal pressure in the cavity (106) is below atmospheric pressure; - sealing the capsule to hermetically close said cavity (106), while maintaining the internal pressure in the cavity (106) below atmospheric pressure; and - keeping said gas emanating into the cavity (106) of the capsule so that the internal pressure in the sealed- up capsule is above atmospheric pressure. Use for packaging in a capsule a ground coffee.

No. of Pages: 30 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10168/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: RECOMBINANT MICROORGANISMS AND USES THEREFOR

(51) International classification:C12P7/62,C12N15/63,C12N15/53 (71)Name of Applicant:

:30/05/2013

(31) Priority Document No :61/653348 (32) Priority Date :30/05/2012

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

(86) International Application :PCT/NZ2013/000092

No Filing Date

(87) International Publication

:WO 2013/180581

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

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

1)LANZATECH NEW ZEALAND LIMITED

Address of Applicant :24 Balfour Road, Parnell, Auckland

1052 New Zealand

(72) Name of Inventor: 1) CHEN, Wendy

2)KOEPKE, Michael

(57) Abstract:

Bacteria are genetically engineered to produce 3- hyrdoxypropionate (3- HP). The bacteria are carboxydotrophic acetogens. The bacteria produce acetyl- coA using the Wood -Ljungdahl pathway for fixing CO/C02 #191. A malonyl- coA reductase from a bacterium that contains such an enzyme is introduced. Additionally an acetyl- coA carboxylase may also be introduced The production of 3- HP can be improved by overproduction of acetyl- CoA carboxylase or by overproduction of biotin. This can be effected by improved promoters or higher copy number or enzymes that are catalytically more efficient.

No. of Pages: 77 No. of Claims: 16

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISPOSABLE SYRINGE AND PUSH ROD FOR THE SAME

(51) International classification :A61M5/315,A61M5/50 (71)Name of Applicant : (31) Priority Document No 1)SHANGHAI SOL- MILLENNIUM MEDICAL :201210188526.8 (32) Priority Date PRODUCTS CO., LTD :06/06/2012 (33) Name of priority country Address of Applicant: Suite 701-703, Block E, Poly Plaze, 18 :China (86) International Application No :PCT/CN2012/087908 Dongfang Road, Pudong New Area, Shanghai 200120 China (72)Name of Inventor: Filing Date :28/12/2012 (87) International Publication No :WO 2013/181919 1)LIN, Zuoqian (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A disposable syringe and a push rod (3) for use in the disposable syringe. The push rod (3) comprises a proximal end (11), a distal end (10) and an axis (12) extending through the proximal end (11) and the distal end (10). The distal end (10) of the push rod (3) is provided with a snap-fitting mechanism (14) and a stop flange (13) located at a proximal side of the snap-fitting mechanism (14). The stop flange (13) comprises a main body portion (15) formed about the axis (12) of the push rod (3) and a plurality of finger portions extending from the main body portion (15) in a direction away from the axis (12) of the push rod (3). A smaller push force continues to be applied to the push rod (3) upon completion of injection, thereby achieving an additional stroke needed when the distal end (10) of the push rod (3) snap-fits with a needle seat (2) and lessening patient s pains.

No. of Pages: 18 No. of Claims: 20

(22) Date of filing of Application :05/03/2012

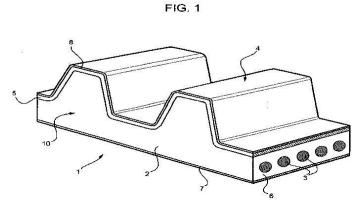
(43) Publication Date: 21/08/2015

(54) Title of the invention: TOOTHED BELT COVERED BY A CLOTH AND DRIVE SYSTEM 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 Filing Date 	:F16G 1/28 :TO2009A000620 :06/08/2009 :Italy :PCT/IB2010/001961 :05/08/2010 :WO 2011/015945 :NA :NA :NA	(71)Name of Applicant: 1)DAYCO EUROPE S.R.L. Address of Applicant: VIA PAPA LEONE XIII, 45, FRAZIONE CHIETI SCALO, CHIETI, ITALY. Italy (72)Name of Inventor: 1)ROLANDO ADRIANO 2)DI MECO MARCO 3)BALDOVINO CARLO
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(57) Abstract:

A toothed drive belt (1) covered by a cloth comprising PPS fibres is disclosed. In particular, the belt comprises at least one of the weft and warp yarns comprising at least one yarn made of PPS fibres. Advantageously, the belt of the invention is used inside the engine block in applications continuously in contact with oil.



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

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONTROL APPARATUS FOR 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 	:24/12/2010 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDODHA KABUSHIKI KAISHA Address of Applicant:1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN Japan (72)Name of Inventor: 1)ASO KOJI 2)TANAKA HIROSHI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An object of this invention is to provide a control apparatus for an internal combustion engine that can suppress the emission of unburned HC accompanying start—up of an internal combustion engine. The control apparatus for an internal combustion engine of this invention includes: fuel supply control means that, when a multi-cylinder internal combustion engine is started, initially supplies fuel to only some cylinders, and delays the start of fuel supply to delayed cylinders that are cylinders other than the aforementioned cylinders; engine discharge gas HC amount predicting means that, based on predetermined parameters including at least a representative temperature of the internal combustion engine, calculates a relationship between a delayed cylinder starting engine speed that is a engine speed at a timing at which a cycle starts in which a delayed cylinder initially carries out combustion and a predicted value of an engine discharge gas HC amount; and target engine speed calculating means that, based on the relationship, calculates a target engine speed that is a target value of the delayed cylinder starting engine speed; wherein the fuel supply control means determines a timing at which to start to supply fuel to the delayed cylinders so that the delayed cylinder starting engine speed is in a vicinity of the target engine speed.

No. of Pages: 47 No. of Claims: 5

(21) Application No.10426/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONJUGATION REAGENTS

(51) International classification :A61K47/48,C08G65/32 (31) Priority Document No :1210770.2

(32) Priority Date :18/06/2012(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2013/051567

Filing Date :17/06/2013
(87) International Publication No :WO 2013/190272

(61) Patent of Addition to Application
Number
:NA

Filing Date

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

:A61K47/48,C08G65/329 (71)Name of Applicant :

1)POLYTHERICS LIMITED

Address of Applicant: The London Bioscience Innovation Centre, 2 Royal College Street, London NW1 0NH (GB). U.K.

(72)Name of Inventor: 1)GODWIN Antony

(57) Abstract:

The invention provides a compound of the general formula: in which each X independently represents a polymer chain; p represents an integer from 1to 6; Y represents an amide group; and Z represents either -CH.(CH 2L)2 or -C(CH2L)(=CH2), in which each L independently represents a leaving group. The compounds are useful reagents for the conjugation of polymers to pro - teins, the resulting conjugates being novel and also forming part of the invention.

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

(21) Application No.10427/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: DETERGENT COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	:C11D3/386,C11D3/04,C11D3/12 :12171551.0 :11/06/2012 :EPO	(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:
No Filing Date (87) International Publication	:PCT/US2013/045070 :11/06/2013 :WO 2013/188331	1)PATTERSON StevenGeorge 2)SOUTER Philip Frank
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Detergent compositions are described having more than one enzyme in particular having a multi enzyme co particle as well as methods of making and using such detergents. The compositions also have low levels of zeolite and phosphate builders and a moisture sink to minimize interaction between enzymes.

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

(21) Application No.10428/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: NOVEL PROCESS FOR PREPARATION OF ANTIBODY CONJUGATES AND NOVEL ANTIBODY **CONJUGATES**

(51) International $:\!A61K47/48,\!A61P35/00,\!C07K16/32$

classification

(31) Priority Document No :1210838.7 (32) Priority Date :19/06/2012

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

(86) International Application: PCT/GB2013/051593

No :19/06/2013 Filing Date

(87) International Publication :WO 2013/190292

(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)POLYTHERICS LIMITED

Address of Applicant :The London Bioscience Innovation Centre, 2 Royal College Street, London NW1 0NH (GB). U.K.

(72)Name of Inventor:

1)BURT John

2) GODWIN Antony 3)BADESCU George

(57) Abstract:

The present invention concerns a process for the preparation of an antibody conjugate comprising the step of reacting an engineered antibody having a single inter heavy chain disulfide bond with a conjugating reagent that forms a bridge between the two cysteine residues derived from the disulfide bond.

No. of Pages: 38 No. of Claims: 25

(22) Date of filing of Application :08/12/2014

(43) Publication Date: 21/08/2015

(54) Title of the invention : END MEMBERS FOR RAIL SPRING ASSEMBLIES AND SUSPENSION SYSTEMS INCLUDING 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 	:B61F5/02,F16F9/05 :61/669644 :09/07/2012 :U.S.A. :PCT/US2013/049630 :09/07/2013 :WO 2014/011575 :NA :NA	(71)Name of Applicant: 1)FIRESTONE INDUSTRIAL PRODUCTS COMPANY LLC Address of Applicant: 250 West 96th Street Indianapolis IN 46260 U.S.A. (72)Name of Inventor: 1)JACKSON David D.
Filing Date	:NA	

(57) Abstract:

End members (202, 204) dimensioned for securement to an associated flexible wall (206) of a rail spring assembly (200) can include an end member body formed from a polymeric material and can have a longitudinal axis (AX). The end member body can include an end wall (232) that extends transverse to the longitudinal axis. An outer side wall (234) can extend longitudinally from along the end wall. An outer peripheral wall (264) can extend from along the outer side wall and can be dimensioned to abuttingly engage the associated flexible wall. A plurality of support walls (272) can extend between and operatively interconnect the outer side wall and the outer peripheral wall and thereby buttress at least the outer peripheral wall against loads applied by the associated flexible wall. Gas spring assemblies including one or more of such end members and suspension systems for rail vehicles including one or more of such gas spring assemblies are also included.

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

(21) Application No.1975/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A PROCESS FOR PREPARING WATER-SOLUBLE PHOSPHONOOXYMETHYL DERIVATIVES

 (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 Filed on 	:A61K :60/341,867 :21/12/2001 :U.S.A. :PCT/US02/40748 :20/12/2002 :WO 2003/059255 :NA :NA :1670/DELNP/2004 :14/06/2004	(71)Name of Applicant: 1)EISAI INC. Address of Applicant:100 TICE BOULEVARD, WOODCLIFF LAKE, NJ 07677, U.S.A. U.S.A. (72)Name of Inventor: 1)GEORGE BONNEVILLE 2)GREG DELAHANTY 3)ANDREW J. WALZ
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(57) Abstract:

A process for preparing water-soluble phosphonooxymethyl derivatives comprising the steps of: wherein ROH represents an alcoholor phenol-containing drug, n represents an integer of 1 or 2, R1 is hydrogen, an alkali metal ion, or a pharmaceutically acceptable cation, and R2 is hydrogen, an alkali metal ion, or a pharmaceutically acceptable cation.

No. of Pages: 19 No. of Claims: 25

(22) Date of filing of Application :05/03/2012 (4

(43) Publication Date: 21/08/2015

(54) Title of the invention: A PROBE ASSEMBLY AND A METHOD FOR COUPLING A PROBE

(51) International classification(31) Priority Document No(32) Priority Date	:B61J :60/565,908 :27/04/2004	(71)Name of Applicant: 1)BAXTER INTERNATIONAL INC. Address of Applicant: ONE BAXTER PARKWAY, DEERFIELD, IL, 60015, UNITED STATES OF AMERICA
(33) Name of priority country (86) International Application No	:U.S.A. :PCT/US05/013920	U.S.A. 2)BAXER HEALTHCARE S.A.
Filing Date	:22/04/2005	3)HYCLONE LABORATORIES
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2011/104706 :NA :NA	(72)Name of Inventor: 1)KURT T KUNAS 2)ROBERT V OAKLEY 3)FAUAD F HASAN
(62) Divisional to Application Number Filed on	:5012/DELNP/2012 :31/08/2006	4)MICHAEL E GOODWIN 5)JEREMY K LARSEN 6)NEPHI D JONES

(57) Abstract:

A probe assembly comprising a flexible sleeve or bag; a first connector coupled with the flexible sleeve or bag; and a probe connected to the flexible sleeve or bag and having a tip located within the flexible sleeve or bag, the tip being configured to be passed through the first connector.

No. of Pages: 80 No. of Claims: 13

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM FOR DETERMING UNPROCESSED AND PARTIALLY PROCESSED NEUROTOXIN TYPE A

 (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 	:G01N 33/50 :09173612.4 :21/10/2009 :EPO :PCT/EP2010/065618 :18/10/2010 :WO 2011/048044 :NA :NA	(71)Name of Applicant: 1)MERZ PHARMA GMBH & CO. KGAA Address of Applicant: ECKENHEIMER LANDSTRAE 100, 60318 FRANKFURT AM MAIN (DE) Germany (72)Name of Inventor: 1)TAYLOR, HAROLD V. 2)EISELE, KARL-HEINZ 3)BRUNN, CORNELIA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is concerned with tools for the quality control and safety during manufacture of neurotoxins. In particular, it relates to a method for the determination of the amount of partially processed and/or unprocessed Botulinum neurotoxin A polypeptide (BoNT/A) in a solution comprising processed and partially processed and/or unprocessed BoNT/A comprising the steps of contacting a sample of said solution with a capture antibody which specifically binds to the partially processed and unprocessed BoNT/A under conditions which allow for binding of said antibody to said partially processed and unprocessed BoNT/A, whereby a complex is formed, and determining the amount of the formed complex, whereby the amount of the complex is indicative for the amount of the partially processed and/or unprocessed BoNT/A in said solution. Moreover, the present invention contemplates a device and a kit for carrying out said method.

No. of Pages: 35 No. of Claims: 14

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: DEVICE AND METHOD FOR TREATING EXHAUST GAS CONTAINING SOOT PARTICLES

 (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 2009 041 090.2 :14/09/2009 :Germany :PCT/EP2010/062805 :01/09/2010 :WO 2011/0029760 :NA :NA	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH Address of Applicant: HAUPTSTRASSE 128, 53797 LOHMAR (DE) Germany (72)Name of Inventor: 1)MAUS, WOLFGANG 2)HIRTH, PETER 3)BRUCK, ROLF
Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for converting soot particles (2) of an exhaust gas, comprising at least the following steps: (a) providing at least nitrogen dioxide or oxygen in the exhaust gas; (b) ionizing soot particles (2) by means of an electric field (16); (c) depositing electrically charged soot particles (4) on inner duct walls (17) of at least one surface collector (6); (d) bringing at least nitrogen dioxide or oxygen into contact with the deposited soot particles (2) on the inner duct walls (7) of the at least one surface collector (6). The invention further relates to a device suitable for carrying out the method, wherein at least one surface collector (6) is provided that has a plurality of ducts (7), through which the exhaust gas can flow and which extend between an inlet region (8) and an outlet region (9), wherein at least one deposit preventer (10) for electrically charged soot particles (2) is provided in at least part of the inlet region (8), thus especially allowing the soot particles to be evenly deposited and the surface collector to be continuously regenerated.

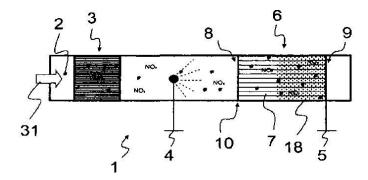


FIG. 1

No. of Pages: 29 No. of Claims: 14

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : TEIRED KEY COMMUNICATION SYSTEM AND METHOD IN SUPPORT OF CONTROLLED VENDOR MESSAGE PROCESSING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06Q 30/00 :61/232,334 :07/08/2009 :U.S.A. :PCT/US2010/044106	(71)Name of Applicant: 1)ECO-MAIL DEVELOPMENT LLC Address of Applicant: 38 EAST LAKE DRIVE, KATONAH, NY 10536, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
Filing Date	:02/08/2010	1)MALLER, JAY
(87) International Publication No	:WO 2011/017260	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer-implemented system processes secure electronic documents from one or more content providers in accordance with subscriber instructions has a processor and modules operative within the processor. A monitoring module obtains a provider GUID, a subscriber GUID, and a transaction ID from public metadata associated with a transaction received from a particular content provider. A determination module determines any designees of the subscriber and contact information one or more of the subscriber and any designees. A transaction module distributes a transaction addressed to at least one of the subscriber and any designees. Each distributed transaction includes data that is used for management, tracking, and alerting. Also described is a station for constructing transactions for distribution to subscribers through such a system, and management of local-advertising to users of such a system. An end-to-end system and method are described.

No. of Pages: 89 No. of Claims: 33

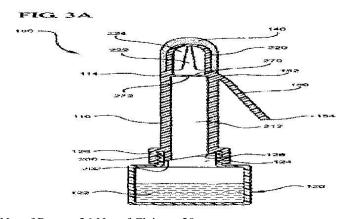
(22) Date of filing of Application :06/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PROVIDING AN ANTISEPTIC APPLICATOR

 (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 	:A61M 35/00 :61/242,445 :15/09/2009 :U.S.A. :PCT/US2010/044431 :04/08/2010 :WO 2011/034665 :NA :NA	(71)Name of Applicant: 1)BECTON, DICKINSON AND COMPANY Address of Applicant: 1 BECTON DRIVE FRANKLIN LAKES, NEW JERSEY 07417-1880 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)HOANG, MINH, QUANG 2)BURKHOLZ, JONATHAN, KARL 3)HARDING, WESTON, F.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An antiseptic applicator device having a reservoir for storing an antiseptic agent, the reservoir being coupled to an applicator pad, and a defeatable membrane being interposed between the reservoir and the applicator pad. Embodiments of the device further include opposing handles, wherein an interior lumen of each handle houses a breakable phial containing a desired solution, and wherein upon moving the handles to a closed position, the phials are broken to release the desired solutions which are then absorbed by the applicator pad.



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

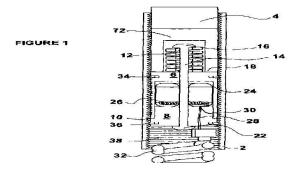
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: EXPANSION DEVICES

(51) International classification	:A61B 17/70	(71)Name of Applicant:
(31) Priority Document No	:091538.6	1)DALMATIC A/S
(32) Priority Date	:03/09/2009	Address of Applicant :LAEGARDSVEJ 9, DK - 8520
(33) Name of priority country	:U.K.	LYSTRUP, DENMARK, Denmark
(86) International Application No	:PCT/GB2010/001678	(72)Name of Inventor:
Filing Date	:03/09/2010	1)DALL, VAGN-ERIK
(87) International Publication No	:WO 2011/027126	2)BUNGER, CODY ERIC
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An expansion device is disclosed which, when mounted on an appropriate support, can make controlled advancement relative to the support in response to activation from a remote site. The device comprises first (6) and second (8) elements coupled for relative movement along an axis defined on a support 2. An expandable chamber is defined between the elements, in which chamber is a flexible and elastic membrane (24). A resilient mechanism urges the two elements towards each other to define a minimum volume for the chamber. The chamber can be expanded to separate the elements, and hold mechanisms typically in the form of latches, are provided for selectively restricting movement on the respective elements relative to the support. Thus, activation of the expansion means advances the first element relative to the second element while the second element is held relative to the support, and subsequent deactivation of the expansion mechanism allows the resilient mechanism to advance the second element relative to the support and the first element, and to contract the chamber, while the first element is held relative to the support. Devices of the invention have particular application in the control of the growth of a bone or a bone structure, especially in the context of spinal surgery.



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

(21) Application No.1971/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NEW BACITRACIN ANTIBIOTICS

 (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 	:30/09/2010 :WO 2011/051073 :NA :NA	(71)Name of Applicant: 1)XELLIA PHARMACEUTICALS APS Address of Applicant: DALSLANDSGATE 11, DK - 2300 KOBENHAVN S, DENMARK, Denmark (72)Name of Inventor: 1)MANSSON, MARTIN 2)SENSTAD, CHRISTINE
Filing Date	:NA	

(57) Abstract:

The invention concerns new Bacitracin compounds containing methylene-isoleucine..

No. of Pages: 51 No. of Claims: 15

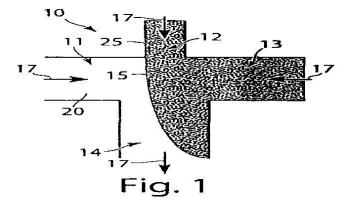
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTIPLE EMULSIONS CREATED USING JUNCTIONS

(51) International classification	:B01F 5/00	(71)Name of Applicant:
(31) Priority Document No	:61/239,402	1)PRESIDENT AND FELLOWS OF HARVARD
(32) Priority Date	:02/09/2009	COLLEGE
(33) Name of priority country	:U.S.A.	Address of Applicant :17 QUINCY STREET, CAMBRIDGE,
(86) International Application No	:PCT/US2010/047458	MA 02138, U.S.A. U.S.A.
Filing Date	:01/09/2010	2)BASF SE
(87) International Publication No	:WO 2011/028760	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)WEITZ, DAVID, A.
Number	:NA	2)ROMANOWSKY, MARK
Filing Date	.11/1	3)HOLTZE, CHRISTIAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention generally relates to emulsions, and more particularly, to multiple emulsions. In one aspect, multiple emulsions are formed using a plurality of channels, such as microfluidic channels, that meet at a common intersection. The multiple emulsions may be created at a single common intersection in some embodiments, unlike other prior art systems where multiple channel intersections are required to create multiple emulsions. For instance, in one set of embodiments, three, four, or more microfluidic channels may intersect at a common intersection, with two or three serving as inlets and one serving as the outlet. In some embodiments, a first fluidic channel may be relatively hydrophobic, while a second fluidic channel is relatively hydrophilic. The third channel, if present, may be relatively hydrophobic, depending on the application. The outlet channel may be hydrophobic, hydrophilic, or may comprise at least one portion that is relatively hydrophilic and at least one portion that is relatively hydrophilic. By controlling the flow of fluids through the hydrophilic and hydrophobic portions of the channels, multiple emulsions may be created proximate the common intersection, due to interactions between the fluids entering the common intersection. In other embodiments, different patterns of hydrophilic or hydrophobic channels may be used. Other aspects of the invention are generally directed to methods of making and using such systems, kits involving such systems, emulsions created using such systems, or the like.



No. of Pages: 36 No. of Claims: 26

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CHARGING STATTION FOR BATTERY POWERED BIOPSY 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 	:31/08/2010 :WO 2011/037730 :NA :NA :NA	(71)Name of Applicant: 1)C.R. BARD, INC. Address of Applicant:730 CENTRAL AVENUE, MURRAY HILL, NJ 07974, USA U.S.A. (72)Name of Inventor: 1)KARSTEN VIDEBAEK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A charging station for a battery powered biopsy apparatus includes a charging dock having a housing and a charging unit contained in the housing. The charging unit has a set of electrical contacts. The housing is received in a first cavity of a driver assembly with the electrical contacts being coupled in electrical communication with the driver assembly when the driver assembly is mounted on the charging dock for charging. The charging unit provides a signal to the driver assembly to reset the driver assembly to an initialized state when the driver assembly is mounted to the charging station.

No. of Pages: 57 No. of Claims: 16

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: MECHANICALLY FLUIDIZED SILICON DEPOSITION SYSTEMS AND METHODS

(51) International classification	:B01J8/44,B01J19/18,B01J7/00	(71)Name of Applicant:
(31) Priority Document No	:13/481548	1)DASSEL, Mark, W.
(32) Priority Date	:25/05/2012	Address of Applicant :20699 Kitsap Street Northeast,
(33) Name of priority country	:U.S.A.	Indianola, Washington 98342 U.S.A.
(86) International Application No	:PCT/US2013/040398	(72)Name of Inventor:
Filing Date	:09/05/2013	1)DASSEL, Mark ,W.
(87) International Publication No	:WO 2013/176902	2)BRESSLER, David ,A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Mechanically fluidized systems and processes allow for efficient, cost -effective production of silicon. Particulate may be provided to a heated tray or pan, which is oscillated or vibrated to provide a reaction surface. The particulate migrates downward in the tray or pan and the reactant product migrates upward in the tray or pan as the reactant product reaches a desired state. Exhausted gases may be recycled.

No. of Pages: 84 No. of Claims: 53

(21) Application No.175/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FIELD DEVICE WITH SELF-TESTING OF A PIEZOELECTRIC TRANSDUCER

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROSEMOUNT INC.
(32) Priority Date	:NA	Address of Applicant :8000 NORMAN CENTER DRIVE,
(33) Name of priority country	:NA	SUITE 1200, BLOOMINGTON, MINNESOTA 55437 USA.
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)JAWAHAR ARUNACHALAM
(61) Patent of Addition to Application Number	:NA	2)UDAYASHANKAR BANGALORE KASTURI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
-		·

(57) Abstract:

An industrial process field device having a piezoelectric transducer performs self-testing of the condition of the piezoelectric transducer during a self-test mode. A charging current is supplied to the piezoelectric transducer, and voltage on the piezoelectric transducer as a result of the charging current is monitored. A diagnostic test result indicating condition of the piezoelectric transducer is produced based on the magnitude of the voltage.

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

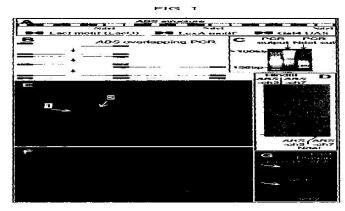
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PLANT ARTIFICIAL CHROMOSOMES AND METHODS OF MAKING THE SAME

(51) T	G07H 21/04	(71) NT
(51) International classification	:C07H 21/04	(71)Name of Applicant:
(31) Priority Document No	:61/238,591	1)UNIVERSITY OF GEORGIA RESEARCH
(32) Priority Date	:31/08/2009	FOUNDATION, INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :627 BOYD GRADUATE STUDIES
(86) International Application No	:PCT/US2010/047400	RESEARCH CENTER, 200 D.W. BROOKS DRIVE, ATHENS,
Filing Date	:31/08/2010	GEORGIA 30602-7411, U.S.A. U.S.A.
(87) International Publication No	:WO 2011/026140	(72)Name of Inventor:
(61) Patent of Addition to Application	.NI A	1)DAWE R. KELLEY
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	

(57) Abstract:

An engineered centromere, and systems and methods of using the engineered centromere are described. The engineered centromere can have tandem repeats of a DNA sequence with binding motifs to permit binding of fusion proteins that include a DNA binding protein and a kinetochore protein to activate the engineered centromere. Also described are a plant artificial chromosome that includes the engineered centromere, a transgenic plant containing the engineered chromosome, and a method of synthesizing a large molecule by adding multiple genes using the plant artificial chromosome.



No. of Pages: 30 No. of Claims: 32

(21) Application No.1968/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR MANUFACTURE OF N-ACYLBPHENYL ALANINE

 (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 	:C07C 231/12 :PCT/CN2009/074125 :23/09/2009 :China :PCT/CN2010/071243 :23/03/2010 :WO 2011/035569 :NA	Address of Applicant :99 WAI SHA ROAD, JIAOJIANG DISTRICT, TAIZHOU, ZHEJIANG 318000, CHINA China
(61) Patent of Addition to Application		2)SHI DESONG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A novel process, novel process steps and novel intermediates useful in the synthesis of pharmaceutically active compounds, in particular neutral endopeptidase (NEP) inhibitors.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESSING TRANSACTIONS IN GRAPH-BASED 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 	:G06F 15/16 :61/245,862 :25/09/2009 :U.S.A. :PCT/US2010/049966 :23/09/2010 :WO 2011/038096 :NA :NA	(71)Name of Applicant: 1)AB INITIO TECHNOLOGY LLC Address of Applicant: 201 SPRING STREET, LEXINGTON, MA 02421, USA U.S.A. (72)Name of Inventor: 1)BRYAN PHIL DOUROS 2)MATTHEW DARCY ATTERBURY 3)CRAIG W. STANFILL 4)JOSEPH SKEFFINGTON WHOLEY, III 5)MARK H BROMLEY
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(57) Abstract:

A graph-based computation has a plurality of nodes representing graph components connected by one or more links representing data flows between the components. Preparing (110) the computation includes: identifying (602) at least a first set of components (250, 402) to process a plurality of transactions in the computation; and associating (606) with a first transaction a first group of one or more data records and data operations corresponding to the data records, and associating (606) with a second transaction a second group of one or more data records and data operations corresponding to the data records. Executing (112) the computation to process at least the first and second transactions includes delaying execution by the first set of components of a data operation corresponding to an initial data record of the second group until after execution by the first set of components of a data operation corresponding to a final data record of the first group.

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

(21) Application No.2038/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CRIMPING DEVICE AND METHOD 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 	:A61F 2/24 :61/238,063 :28/08/2009 :U.S.A. :PCT/US2010/047022 :27/08/2010 :WO 2011/025972 :NA :NA	(71)Name of Applicant: 1)3F THERAPEUTICS, INC. Address of Applicant: 3905 ANNAPOLIS LANE, SUITE 105, PLYMOUTH, MINNESOTA 55447, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ANDRZEL M. MALEWICZ 2)MATTHEW W. WESTON
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A crimping tool for crimping a stented heart valve comprises a housing having a front wall and a back wall, a compression assembly disposed between the front wall and the back wall and including a stent receiving chamber therewithin for receiving a stented heart valve, and a delivery device holder slidably coupled to the front wall of the housing. The compression assembly is movable between an uncrimped position and a crimped position to reduce the diameter of the stented heart valve.

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

(21) Application No.10479/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/09/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: HIGH MOONEY NDBR HAVING MOONEY JUMP

(51) International

:C08C19/00,C08C19/20,C08L15/00

classification

(31) Priority Document No :12172485.0

(32) Priority Date

:18/06/2012 (33) Name of priority country: EPO

(86) International Application :PCT/EP2013/062656

:18/06/2013

:NA

Filing Date

(87) International Publication :WO 2013/189947

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

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

Number Filing Date (71)Name of Applicant:

1)LANXESS DEUTSCHLAND GMBH

Address of Applicant: Kennedyplatz 1 50569 Kln Germany

(72)Name of Inventor:

1)KLOPPENBURG Heike

2)GROSS Thomas 3)LUCASSEN Alex 4)HARDY Dave

5)ZHANG Yan

6)LE SATTLER Alicia

(57) Abstract:

The invention relates to methods for increasing the mooney viscosity in a stepwise manner in the production of high molecular weight polybutadiene having a fraction of eis 1,4 units > 95 wt% and a fraction of 1,2-vinyl < 1 wt% characterized in that 1) at least one monomer selected from butadiene and/or isoprene is polymerized in the presence of at least one inert organic solvent and in the presence of at least one catalyst based on neodymium carboxylate at temperatures of -20°C to 150°C, 2) then the polymerization is stopped by adding protic compounds and 3) thereafter sulfur chlorides are added to the polymerizate the sulfur chlorides being treated with a carboxylic acid fatty acid and/or fatty acid ester before being added to the polymerizate.

No. of Pages: 29 No. of Claims: 22

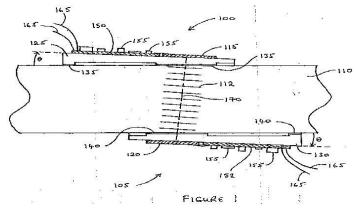
(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ACOUSTIC TRANSMISSION

(51) International classification	:H04B 11/00	(71)Name of Applicant:
(31) Priority Document No	:0915478.9	1)BAE SYSTEMS PLC
(32) Priority Date	:04/09/2009	Address of Applicant :6 CARLTON GARDENS, LONDON
(33) Name of priority country	:U.K.	SW1Y 5AD, U.K. U.K.
(86) International Application No	:PCT/GB2010/051469	(72)Name of Inventor:
Filing Date	:06/09/2010	1)JOHN MARTIN BAGSHAW
(87) International Publication No	:WO 2011/027168	2)LIONEL WILLIAM JOHN KENT
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In apparatus for the acoustic transmission of power or data through a solid barrier such as a ship's hull, assembly of an acoustic transducer to the hull is facilitated by bonding it first to an intermediate element by a thin layer of bonding adhesive and then bonding the intermediate element to the barrier using a second bonding layer. Acoustic matching of the transducer to the intermediate element is achieved by the thin layer, and the mechanically more robust base of the intermediate element can be rubbed on the barrier surface to displace or abrade away any unwanted debris or imperfections which might otherwise prevent the achievement of a thin second bonding layer. This makes the mounting and bonding process more tolerant of imperfections in the barrier surface due to either surface defects or particulate contamination. The transmit and receive transducers may be positioned relative to each other so as to suppress or attenuate multiple-transit signals. Thus the intermediate element may be wedge shaped to aid suppression of triple-transit signals. Transmit and receive transducers may have different wedge angles.



No. of Pages: 36 No. of Claims: 14

(21) Application No.1846/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ISOTHIOZOLES FOR TREATING CONDITIONS OF THE EYE

 (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 	:10/08/2010 :WO 2011/019678 :NA :NA :NA	(71)Name of Applicant: 1)ALLERGAN INC. Address of Applicant:2525 DUPONT DRIVE, T2-7H, IRVINE CA 92162, U.S.A. U.S.A. (72)Name of Inventor: 1)VEENA VISWANATH 2)JOHN E. DONELLO
Filing Date	:NA	

(57) Abstract:

Disclosed herein are isothiozoles for treating conditions of the eye.

No. of Pages: 8 No. of Claims: 2

(22) Date of filing of Application :01/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : CELLULOSE FIBRES HAVING AN IMPROVED DOSING ABILITY, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF FOR REINFORCING COMPOSITE MATERIALS

 (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 	:D01F 2/00 :A 1388/2009 :03/09/2009 :Austria :PCT/AT2010/000274 :27/07/2010 :WO 2011/026160 :NA :NA	(71)Name of Applicant: 1)LENZING AG Address of Applicant:WERKSTRASSE 2, A-4860 LENZING, AUSTRIA. Austria (72)Name of Inventor: 1)MARKUS GOBL 2)JOSEF INNERLOHINGER 3)FRIEDRICH SUCHOMEL
(61) Patent of Addition to Application		<u> </u>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to cellulose fibres with an enhanced metering capability, a process for the production of these and the use of these for the reinforcement of compound materials, in particular thermoplastic polymers.

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

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.2056/DELNP/2012 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: PHOTOBIOREACTOR

 (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 	:C12M 1/00 :20092980 :09/09/2009 :Norway :PCT/NO2010/000266 :05/07/2010 :WO 2011/031161 :NA :NA	(71)Name of Applicant: 1)MICROA AS Address of Applicant: POSTBOKS 197, N-4098 TANANGER, NORWAY Norway (72)Name of Inventor: 1)DAHLE, LARS, ANDREAS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A photobioreactor (1) comprising a receptacle (2) with a first and a second outer side surface (20, 20'), wherein the receptacle (2) is formed from a flexible, fluid-tight and transparent material, and wherein the receptacle (2) is disposed in a rack (3) provided with elongated, substantially vertical, support elements (32) arranged in at least one horizontal row, whereby the support elements (32) abut, in an alternating and supporting manner, against the first and the second outer side surfaces (20, 20') of the receptacle (2). Fig 2a

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISPLAY STRUCTURE AND SUPPORT 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 	:G09F 7/02 :NA :NA :NA :PCT/JP2009/003692 :03/08/2009 :WO 2010/055598 :NA	(71)Name of Applicant: 1)MATSUSHITA, TERUAKI Address of Applicant:17-4, UMAMIMINAMI 3-CHOME, KOURYOU-CHO, KITAKATSURAGI-GUN, NARA 635-0833, JAPAN. Japan (72)Name of Inventor: 1)MATSUSHITA, TERUAKI
(61) Patent of Addition to Application Number		1)MATSUSHITA, TERUAKI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a display structure in which an insertion opening, slide grooves, a first fitting portion and a ridged portion along which the display plate bends when the display plate is bent arranged in the loading sections of a support body in a suitable manner to ensure that when the display plate is inserted into or removed from the loading unit, a force is exerted on both sides of the display plate in either the direction from the display surface side to the rear surface side thereof or the direction from the rear surface side to the display surface side thereof, and a force is exerted in another direction at the center region of the display plate. As a result of configuring in this manner, the display plate deforms so that the entire display surface side comes to have a convex or concave shape, thereby allowing the display plate to be attached to or detached from the support body without forcible localized deformation of the display plate.

No. of Pages: 96 No. of Claims: 15

(22) Date of filing of Application :01/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: CATALYST SYSTEM AND PROCESSES FOR THE (CO-)TRIMERIZATION OF OLEFINS AND THE (CO-) POLYMERIZATION OF OLEFIN OLIGOMERS

 (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 	:B01J 31/22 :2010103074 :29/01/2010 :Russia :PCT/RU2011/000049 :28/01/2011 :WO 2011/093748 :NA :NA	(71)Name of Applicant: 1)CLOSED LOINT STOCK COMPANY SIBUR HOLDING Address of Applicant: UL. KRZHIZHANOVSKOGO, 16-1, MOSCOW, 117218, RUSSIAN FEDERATION; Russia (72)Name of Inventor: 1)ZILBERSHTEIN, TIMUR MIKHAILOVICH 2)LIPSKIKH, MAXIM VLADIMIROVICH 3)NOSIKOV, ALEXEI 4)NESYN, GEORGY VIKTOROVICH
	:NA :NA	

(57) Abstract:

The invention relates to the field of producing polymers and copolymers of olefin oligomers produced by a trimerization reaction of olefin monomers. There is disclosed a process which comprises producing olefin oligomers with the aid of a trimerization catalyst system prepared using UHF irradiation for activating individual components of the trimerization catalyst system. The use of the trimerization catalyst system thus improved and having increased activity provides for increased effectiveness in the production of olefin oligomers from ethylene or other olefin monomers, inter alia, at a low pressure of ethylene. The olefin oligomers thus produced are then polymerized or copolymerized using processes known in the art. The technical effect consists in increasing the effectiveness of the production of olefin oligomers which are then used in a polymerization or copolymerization reaction.

No. of Pages: 42 No. of Claims: 27

(21) Application No.2064/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMPLANTABLE BIO-RESORBABLE POLYMER

		(71)Name of Applicant : 1)OCCLUGEL
(51) International classification	:C08F 290/06	Address of Applicant :12 RUE CHARLES DE GAULLE, F-
(31) Priority Document No	:09305830.3	78350 JOUY EN JOSAS, FRANCE France
(32) Priority Date	:10/09/2009	2)CENTRE NATIONAL DE LA RECHERCHE
(33) Name of priority country	:EPO	SCIENTIFIQUE
(86) International Application No	:PCT/EP2010/063227	3)UNIVERSITE PARIS-SUD 11
Filing Date	:09/09/2010	4)ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
(87) International Publication No	:WO 2011/029867	5)UNIVERSITE PARIS DIDEROT PARIS 7
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)MOINE, LAURENCE
Filing Date	.11/1	2)BEDOUET, LAURENT
(62) Divisional to Application Number	:NA	3)LAURENT, ALEXANDRE
Filing Date	:NA	4)LABARRE, DENIS
		5)WASSEF, MICHEL
		6)NGUYEN, VAN NGA

(57) Abstract:

The present invention relates to a polymer obtained from the polymerization of: (i) at least one monomer of formula (I) (CH2=CR1)CO-K (I) wherein: K represents 0-Z or NH-Z, Z representing (CR2R3)m-CH3, (CH2-CH2-0)m-H, (CH2- CH2-0)m-CH3, (CH2)m-N R4R5 with m representing an integer from 1 to 30; R1, R2, R3, R4 and R5 independently represent H or a C1 -C6 alkyl; and (ii) at least one bio-resorbable block copolymer cross-linker.

No. of Pages: 28 No. of Claims: 22

(21) Application No.2065/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: FUEL INJECTION 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 	:F02M 47/02 :10 2009 045 995.2 :26/10/2009 :Germany :PCT/EP2010/064068 :23/09/2010 :WO 2011/051060 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)KURZ, MICHAEL
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein is a fuel injection device (1, 81) for injecting fuel into a combustion chamber (18) of an internal combustion engine, comprising a control valve (36, 94) having a valve piece (4, 84), in which a valve body (37, 98) is guided to move back and forth, representing a valve seat (39, 95). In an embodiment, the valve body (37, 98) has a first contact surface (71, 121) on one end, which is arranged when the valve seat (39, 95) is closed in a plane (125) having a second contact surface (72, 122) formed on the valve piece (4, 84) such that the first contact surface (71, 121) and the second contact surface (72, 122) contact a common opposite surface (73, 123) in a sealing manner. Fig. 1

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

(21) Application No.1855/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INHIBITORS OF FLAVIVIRIDAE VIRUSES

 (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 	:C0/F 9/30 :61/240,874 :09/09/2009	(71)Name of Applicant: 1)GILEAD SCIENCES, INC. Address of Applicant: 333 LAKESIDE DRIVE, FOSTER CITY, CALIFORNIA 94404, U.S.A. U.S.A. (72)Name of Inventor: 1)CHO, AESOP 2)CHONG, LEE, S. 3)CLARKE, MICHAEL O'NEIL, HANRAHAN 4)DOERFFLER, EDWARD 5)KIM, CHOUNG, U. 6)LIU, QI 7) WATKINS, WILLIAM, J. 8)ZHANG, JENNIFER, R.
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(57) Abstract:

Provided are compounds of Formula I: and pharmaceutically acceptable salts and esters thereof. The compounds, compositions, and methods provided are useful for the treatment of Flaviviridae virus infections, particularly hepatitis C infections.

No. of Pages: 132 No. of Claims: 32

(22) Date of filing of Application :01/03/2012

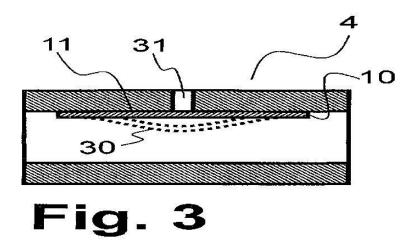
(43) Publication Date: 21/08/2015

(54) Title of the invention: DELIVERY DEVICE FOR A REDUCING AGENT HAVING A COMPENSATION 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 (62) Divisional to Application Number 	:19/08/2010 :WO 2011/026733 :NA :NA :NA	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE mbH Address of Applicant:HAUPTSTRASSE 128, 53797 LOHMAR (DE). Germany (72)Name of Inventor: 1)HODGSON, JAN 2)SCHEPERS, SVEN
(62) Divisional to Application Number Filing Date	:NA :NA	
		l

(57) Abstract:

The invention relates to a delivery device (1) for delivering liquid reducing agent having at least one first compensation element (4), wherein the delivery device (1) comprises at least one reducing agent tank (2) for delivering, guiding, and injecting a reducing agent, a delivery unit (6) and a reducing agent line (7), and an injection unit (8), together comprising a total volume (9) that can be filled with reducing agent, wherein the at least one first compensation element (4) is suitable for shrinking the total volume (9) in case of a vacuum in the delivery device (1).



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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR THE SYNTHESIS OF FLUORINATED ETHERS OF AROMATIC ACIDS

 (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 	:C07C 51/367 :61/239,106 :02/09/2009 :U.S.A. :PCT/US2010/047619 :02/09/2010 :WO 2011/028862 :NA :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. U.S.A. (72)Name of Inventor: 1)RITTER, JOACHIM, C. 2)MOLOY, KENNETH, G. 3)POLLINO, JOEL, M. 4)MAHAJAN, SURBHI
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(57) Abstract:

Fluorinated ethers of aromatic acids are produced from halogenated aromatic acids in a reaction mixture containing a copper (I) or copper (II) source and a Schiff base ligand that coordinates to copper. The fluorinated ethers of aromatic acids made using the process described herein can be applied to, e.g., fibers, yarns, carpets, garments, films, molded parts, paper and cardboard, stone, and tile to impart soil, water and oil resistance. By incorporating the fluorinated ethers of aromatic acids, or diesters thereof, into polymer backbones, more lasting soil, water and oil resistance, as well as improved flame retardance, can be achieved.

No. of Pages: 42 No. of Claims: 15

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTROCHEMICAL CELLS COMPRISING POROUS STRUCTURES COMPRISING SULFUR

 (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 	:H01M 4/02 :61/237,903 :28/08/2009	(71)Name of Applicant: 1)SION POWER CORPORATION Address of Applicant:2900 E. ELVIRA RD. TUCSON, ARIZONA 85756, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SCORIDILIS-KELLEY, CHARICLEA 2)MIKHAYLIK, YURIY V. 3)KOVALEV, IGOR 4)OLESHKO, VLADIMIR 5)CAMPBELL, CHRISTOPHER T.S. 6)AFFINITO, JOHN D. 7)WILKENING, WILLIAM F. 8)BURNSIDE, SAVANNAH V.
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(57) Abstract:

The present invention relates to the use of porous structures comprising sulfur in electrochemical cells. Such materials may be useful, for example, in forming one or more electrodes in an electrochemical cell. For example, the systems and methods described herein may comprise the use of an electrode comprising a conductive porous support structure and a plurality of particles comprising sulfur (e.g., as an active species) substantially contained within the pores of the support structure. The inventors have unexpectedly discovered that, in some embodiments, the sizes of the pores within the porous support structure and/or the sizes of the particles within the pores can be tailored such that the contact between the electrolyte and the sulfur is enhanced, while the electrical conductivity and structural integrity of the electrode are maintained at sufficiently high levels to allow for effective operation of the cell. Also, the sizes of the pores within the porous support structures and/or the sizes of the particles within the pores can be selected such that any suitable ratio of sulfur to support material can be achieved while maintaining mechanical stability in the electrode. The inventors have also unexpectedly discovered that the use of porous support structures comprising certain materials (e.g., metals such as nickel) can lead to relatively large increases in cell performance. In some embodiments, methods for forming sulfur particles within pores of a porous support structure allow for a desired relationship between the particle size and pore size. The sizes of the pores within the porous support structure and/or the sizes of the particles within the pores can also be tailored such that the resulting electrode is able to withstand the application of an anisotropic force, while maintaining the structural integrity of the electrode.

No. of Pages: 97 No. of Claims: 149

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: EXTENDED USF ADDRESSING SPACE

 (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 	:61/258,377 :05/11/2009 :U.S.A. :PCT/SE2010/050784 :06/07/2010 :WO 2011/056118 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)BERGSTROM, ANDREAS 2)SCHLIWA-BERTLING, PAUL 3)BERGQVIST, JENS 4)AXELSSON, HAKAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to assigning addresses to communication devices in a radio access network and notifying communication devices of scheduled uplink transmission time periods. Related methods, communication devices and control units are disclosed. A method of assigning an address to a communication device in a radio access network for use in notification of scheduled uplink transmission time periods for the communication device is provided. The method comprises assigning to the communication device an uplink state flag (USF) value. Furthermore, the method comprises assigning to the communication device an extended USF (eUSF) value. The address assigned to the communication device is a combination of the assigned USF value and the assigned eUSF value. By means of the eUSF value, the normal address range provided by the USF is extended, thereby facilitating use of more communication devices in the radio access network.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2012

(21) Application No.1858/DELNP/2012 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: SPARK PLUG

(51) International classification	:H01T1/00	(71)Name of Applicant:
(31) Priority Document No	:2009-202381	1)NGK SPARK PLUG CO., LTD.
(32) Priority Date	:02/09/2009	Address of Applicant :14-18, TAKATSUJI-CHO, MIZUHO-
(33) Name of priority country	:Japan	KU, NAGOYA-SHI, AICHI 4678525 JAPAN. Japan
(86) International Application No	:PCT/JP2010/004499	(72)Name of Inventor:
Filing Date	:12/07/2010	1)KENJI BAN
(87) International Publication No	:WO 2011/027500	2)AKIRA SUZUKI
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a spark plug that has a small sized center electrode, enhancement of corruption-resisting property and heat-resisting property is promoted. The spark plug 1 includes a center electrode 5, an insulator 2 and a metal shell 3, and the insulator 2 includes a foot section 13, a tapered section 14 and a middle body section 12. The maximum outer diameter of a portion, which is arranged within the foot section 13, of the center electrode 5 becomes 3.0 mm or less. A step section 21 and a leading end side inner periphery section 51 are formed in the inner periphery of the metal shell 3 and the tapered section 14 is engaged to a step section 21. When A (mm3) is a volume of a portion of 2 mm of the insulator 2 from leading end of the insulator 2 toward the rear end side along the axis CL1 and B (mm3) is a volume of a portion of the insulator 2 from the rear end of the portion of the tapered section 14 which is engaged to the step section 21 to the leading end side and the portion is 1.5 mm or less of the diameter difference between the leading end side inner periphery section 51 and its outer periphery portion, $0.12 \le A/B \le 0.24$ is satisfied.

No. of Pages: 45 No. of Claims: 8

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOVEL PHARMACEUTICAL FORMULATION AGAINST DRUG MISUSE

(32) Priority Date :12/08/2009 Address of (33) Name of priority country :France PARIS, FRAN (86) International Application No Filing Date :11/08/2010 PARIS PARIS PRAN (72) Name of I 1) SUPLIE I	f Inventor :
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(57) Abstract:

The present invention relates to granules comprising a solid core on which an active ingredient is supported, said core being chosen preferably from among insoluble supports, said granules also comprising, supported on said solid core, the following compounds: one or more colouring agents, one or more metallic pigments, one or more gas-releasing compounds, and optionally one or more embittering agents.

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

(21) Application No.2067/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : REMOVABLE COLOR GEL BASECOAT FOR ARTIFICIAL NAIL COATINGS AND METHODS THEREFORE

 (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 	:30/08/2010 :WO 2011/031578 :NA :NA	(71)Name of Applicant: 1)CREATIVE NAIL DESIGN, INC. Address of Applicant:1125 JOSHUA WAY, VISTA, CA 92081, U.S.A. U.S.A. (72)Name of Inventor: 1)CONGER, CHAD 2)VU, THONG, H.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates generally to compositions for natural and artificial nail coatings, and particularly, but not by way of limitation, to polymerizable compositions and adhesion-promoting basecoats polymerized therefrom. The disclosure further relates to methods of making a polymerized basecoat that are more easily removed than artificial nail enhancements and more durable and long lasting than nail polish coatings.

No. of Pages: 18 No. of Claims: 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 07/03/2012

(21) Application No.2068/DELNP/2012 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: AIR CONDITIONER

(51) International classification:F24F 11/02(31) Priority Document No:2008-259183(32) Priority Date:06/10/2008(33) Name of priority country:Japan

(86) International Application No :PCT/JP2008/00374
Filing Date :12/12/2008

(87) International Publication No :WO 2010/041300

(61) Patent of Addition to Application
Number

Filing Date
:NA
:NA

(62) Divisional to Application Number :2464/DELNP/2011 Filed on :12/12/2008 (71)Name of Applicant:

1)HITACHI APPLIANCES, INC.

Address of Applicant: 16-1, KAIGAN 1-CHOME, MINATO-

KU, TOKYO 105-0022 JAPAN Japan

:PCT/JP2008/003747 (72)Name of Inventor : :12/12/2008 1)NOTOYA YOSHIAKI :WO 2010/041300 2)NAGATA TAKAO 3)UEDA YOSHIRO

4)MATSUSHIMA HIDEYUKI

(57) Abstract:

An air conditioner has a housing having an air inlet opening and an air outlet opening, a heat exchanger placed in the housing, a fan sucking air in a room from the air inlet opening and discharging the air from the air outlet opening after causing the air to pass through the heat exchanger, horizontal louver plates placed in an outlet air flow path of the fan, vertical louver plates, and infrared detection device having at least first and second infrared sensors and estimating the presence of a person in the room by dividing the inside of the room into multiple regions. The first and second infrared sensors are arranged so that portions of the detection ranges thereof overlap each other, and depending on outputs from the first and second infrared sensors, the air conditioner determines whether the region in which the detection ranges overlap alone is a region where a person is present. Thus, the region where the person is present is distinguished without an increase in the number of human detection sensors, and the air conditioner can automatically perform comfortable operation and energy saving operation according to conditions of the person in the room.

No. of Pages: 149 No. of Claims: 3

(22) Date of filing of Application :01/03/2012

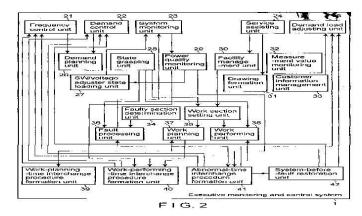
(43) Publication Date: 21/08/2015

(54) Title of the invention: EXECUTIVE MONITORING AN CONTROL SYSTEM FOR SMART GRID AND MICRO GRID

 (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 	:14/12/2009 :WO 2011/030472 :NA :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant:1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN. Japan (72)Name of Inventor: 1)YANO RYO 2)OGITA YOSHIHIRO 3)NISHI AKINORI 4)KOBAYASHI TAKENORI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A measurement value monitoring unit (32) acquires information indicating the present power generation output amount of each dispersed power source and information indicating the present loading of each demand facility. A customer information management unit (33) manages at least information indicating the rated power generation capacity and power generation output adjustable amount of each dispersed power source, information indicating the contract power amount and load adjustable amount of each demand facility, information which indicates the priority of each dispersed power source and is used to determine a dispersed power source as a target of power generation output amount adjustment, and information which indicates the priority of each demand facility and is used to determine a demand facility as a target of loading adjustment. An abnormal-time interchange procedure formation unit (41) forms, when a fault occurs in a system, an interchange procedure of matching the total power generation output amount of dispersed power sources with the total loading of demand facilities, by using at least the information acquired by the measurement value monitoring unit (32) and the information managed by the customer information management unit (33).



No. of Pages: 74 No. of Claims: 11

(22) Date of filing of Application :01/03/2012

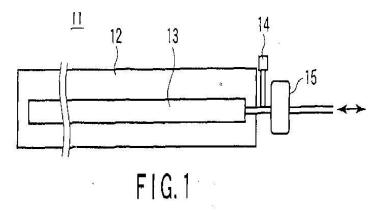
(43) Publication Date: 21/08/2015

(54) Title of the invention: VEHICLE PASSAGE TREAD SENSOR AND VEHICLE PASSAGE DETECTION 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 	:29/09/2010 :WO 2011/037228 :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant:1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN. Japan (72)Name of Inventor: 1)NISHIMURA TAKANOBU 2)ASARI YUKIO 3)YUGE AKIO
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to one embodiment, a vehicle passage tread sensor buried in a road in a direction substantially perpendicular to a traveling direction of a vehicle, includes a pipe including a cavity inside and formed of an elastic material, a fluid filling the cavity of the pipe, and a fluid pressure sensor configured to measure a pressure of the fluid.



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

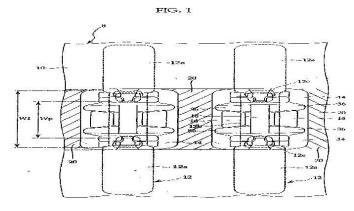
(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: RUBBER CRAWLER

(51) International classification	:B62D 55/253	(71)Name of Applicant:
(31) Priority Document No	:2009-213975	1)BRIDGESTONE CORPORATION
(32) Priority Date	:16/09/2009	Address of Applicant :10-1, KYOBASHI 1-CHOME, CHUO-
(33) Name of priority country	:Japan	KU, TOKYO 104-8340, JAPAN Japan
(86) International Application No	:PCT/JP2010/066025	(72)Name of Inventor:
Filing Date	:16/09/2010	1)ABIKO YUTAKA
(87) International Publication No	:WO 2011/034125	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The object of the present invention is to provide a rubber crawler having an increased durability, by preparing a rubber member having a uniform rubber thickness, which is configured to be interposed between a tooth of a sprocket and a core bar where a driving force is applied to the rubber crawler by the tooth of the sprocket engaged with driving protrusions of the crawler main body. Each of core bars (12), embedded in the rubber crawler main body (10), extends in the widthwise direction of the crawler main body (10). A pair of protrusions (12c), (12c) is covered with a rubber member, and constitutes a pair of drive protrusions protruding from the inner periphery of the crawler main body (10). The rubber crawler is rotary driven by application of a pressing force from the rotary movement of the teeth (32) of the sprocket to the pair of the drive protrusions (14), (14). In the rubber crawler, the core bar (12) has a center region (12b) provided between the pair of the protrusions (12c), (12c). The width of the center region (12b), in the peripheral direction of the crawler main body, is prepared smaller than that of the wing portions (12a) of the core bar (12), and maintained constant at least to outer parts of the basal parts of the pair of protrusions.



No. of Pages: 26 No. of Claims: 2

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

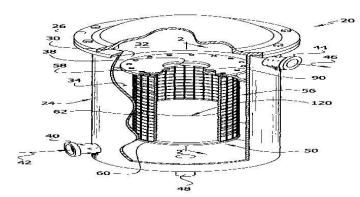
(54) Title of the invention: A FIBER BED ASSEMBLY FOR A FIBER BED MIST ELIMINATOR

(51) International classification	:B01D 46/24	(71)Name of Applicant:
(31) Priority Document No	:12/555,286	1)MECS, INC.
(32) Priority Date	:08/09/2009	Address of Applicant :CORPORATE POINTE, 14522
(33) Name of priority country	:U.S.A.	SOUTH OUTER FORTY ROAD, SUITE #100,
(86) International Application No	:PCT/US2010/047720	CHESTERFIELD, ST. LOUIS, MISSOURI 63017-5754, U.S.A.
Filing Date	:02/09/2010	U.S.A.
(87) International Publication No	:WO 2011/031627	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)AZWELL DOUGLAS E.
Number	:NA	2)MUELLER FREDERICK L.
Filing Date	.11/1	3)ZIEBOLD STEVEN A.
(62) Divisional to Application Number	:NA	4)BRUEMMER JULIE M.
Filing Date	:NA	

(57) Abstract:

A fiber assembly for a forward-flow fiber bed mist eliminator used to remove aerosols from a moving gas stream. The assembly incorporates an improved drainage system for draining aerosols from the fiber bed without the need for a conventional seal-leg.

FIG. 1



No. of Pages: 34 No. of Claims: 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FLOATING MICROGRANULES

 (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 	:A61K 9/00 :0955641 :12/08/2009 :France :PCT/FR2010/051691 :11/08/2010 :WO 2011/018582 :NA :NA	(71)Name of Applicant: 1)DEBREGEAS ET ASSOCIES PHARMA Address of Applicant: 79 RUE DE MIROMESNIL, F-75008 PARIS, FRANCE. France (72)Name of Inventor: 1)LEBON CHRISTOPHE 2)SUPLIE PASCAL
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.1864/DELNP/2012 A

(57) Abstract:

The present invention relates to a floating granule comprising a solid core, on which an active ingredient is supported and also comprising a compound which is capable of generating a gas discharge which is constituted by an alkaline agent, characterised in that it does not comprise an acid agent which is capable of generating a gas discharge.

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

(21) Application No.1933/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: 3-PLANS ARTICULATED BAR TO USE IN 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 	:20/09/2010 :WO 2011/035398 :NA :NA	(71)Name of Applicant: 1)IGLESIAS, RINES DE FREITAS Address of Applicant: RUA JOAQUIM ANTONIO NASCIMENTO, 215 - SALA 12, JARDIM CANADA, RIBEIRAO PRETO /SP, BRAZIL Brazil (72)Name of Inventor: 1)IGLESIAS, RINES DE FREITAS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

3-plans articulated bar to use in dental implants is a mobile structure consisting of a bar (1) with three dimensional movement (X, Y, Z), that is, on the three geometrical plans, made viable by the retractile and articulated (a) arms (2 and 3) in relation to the anchoring rings (4 and 5) to the studs (6), in which such arms (2 and 3) and rings (4 and 5) have the endings with concave (7) and/or spherical (8) fittings, configuring a product that fits to almost all the implant cases, irrespectively of the quantity, angling and distance among them, as well as the height of the interocclusion. In a constructive variation, the pleaded bar has the arms (2 e 3) deriving from the fittings (7 or 8) on the stud itself (6).

No. of Pages: 26 No. of Claims: 7

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: MUTI-ELEMENT X-RAY RADIATION DETECTOR, RARE EARTH X-RAY LUMINOPHORE THEREFOR, AND METHOD FOR FORMING A MULTI-ELEMENT SCINTILLATOR AND DETECTOR AS A WHOLE

 (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 	:G01T 1/20 :2009130870 :13/08/2009 :Russia :PCT/RU2010/000449 :13/08/2010 :WO 20110/19303 :NA :NA	(71)Name of Applicant: 1)ZAKRYTOE AKTSIONERNOE OBSCHESTVO NAUCHO-PROIZVODSTVENNAYA KOMMERCHESKAYA FIRMA ELTAN LTD Address of Applicant: ZAVODSKOI PROEZD, 2 FRYAZINO MOSKOVSKAYA OBL., 141190, RUSSIA Russia 2)STC-MT LLC (72)Name of Inventor: 1)NAUM PETROVICH SOSCHIN 2)VLADIMIR NIKOLAEVICH ULASYUK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to X-ray technology and medical diagnostics, and car be used for carrying our gamma flaw detection on various articles and piping systems. The technical result is an increase in contrast of the integrated image that is produced. A multi-element X-ray radiation detector consists of a flat multi-element scintillator in the form of a discrete set of hetero-phase luminescent elements which are arranged in the cells of a mesh made from a metal which absorbs X-ray radiation and reflects light, the increment size of which mesh corresponds to the increment size of the photo receiver matrix. The metallic mesh that forms the multi-element luminescent scintillator is made from elements having an atomic number from M = 26 (iron) to N = 74 (tungsten), has silver-plated coils and separates the scintillator elements optically from one another. The coils of the mesh have a diameter from 0.06 mm to 0.15 mm, and the area of the effective cross section of the mesh is between 45% to 82%. The scintillator consists of an X-ray luminophore based on a multi-ligand oxysulphide of gadolinium-lutetium-europium with the addition of bismuth and rherium, and also fluorine, chlorine, bromire ard iodine. The process of synthesis is carried out in two stages. In the first stage, oxyhalides of the elements making up a cationic subgroup are formed by reacting the initial coprecipitated oxides of rare earth elements, Bi and Re, with ammonium halides. The resulting product is then subjected to repeated thermal treatment in an alkali chalcogenide melt

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: PHARMACEUTICAL PREPARATION COMPRISING RECOMBINANT HCG

(51) International classification	:C07K 14/59	(71)Name of Applicant:
(31) Priority Document No	:09252360.4	1)FERRING B.V.
(32) Priority Date	:05/10/2009	Address of Applicant :POLARIS AVENUE 144, 2132 JX,
(33) Name of priority country	:EPO	HOOFDDORP, THE NETHERLAND Netherlands
(86) International Application No	:PCT/GB2010/001854	(72)Name of Inventor:
Filing Date	:04/10/2010	1)COTTINGHAM IAN
(87) International Publication No	:WO 2011/042688	2)PLAKSIN DANIEL
(61) Patent of Addition to Application	:NA	3)WHITE RICHARD BOYD
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Preparations including recombinant HCG (r HCG).

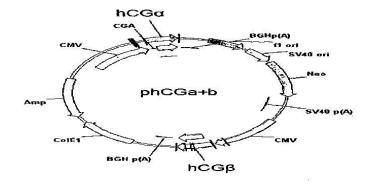


Fig 1

No. of Pages: 50 No. of Claims: 22

(22) Date of filing of Application :07/03/2012

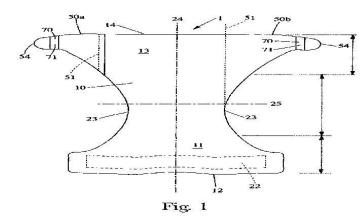
(43) Publication Date: 21/08/2015

(54) Title of the invention : WEARABLE ARTICLE WITH EXTENSIBLE FASTENING MEMBER HAVING STRESS DISTRIBUTION FEATURES AND/OR FASTENING COMBINATION PERFORMANCE CHARACTERISTICS

(51) International classification	:A61F 13/15	(71)Name of Applicant:
(31) Priority Document No	:61/251,875	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:15/10/2009	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(33) Name of priority country	:U.S.A.	CINCINNATI, OHIO 45202, USA U.S.A.
(86) International Application No	:PCT/US2010/052623	(72)Name of Inventor:
Filing Date	:14/10/2010	1)KLINE MARK JAMES
(87) International Publication No	:WO 2011/047128	2)MASON OLIVER EDWIN CLARKE
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

A wearable article with an extensible fastening member having a fastener proximate its end is disclosed. The fastening member may be highly extensible, and may have construction features and shape characteristics that affect distribution of force components when the fastener is in use, and reduce the chances of buckling or flipping of the fastening member along its edges, and the chances that the edges of the fastener will be lifted away from a surface to which it is attached. The fastener and material forming an accompanying landing zone on the article may be selected to form a fastening combination having performance attributes that provide further resistance to unintended pop-off under wearing conditions.



No. of Pages: 77 No. of Claims: 15

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF (1S, 4R)-2-OXA-3-AZABICYCLO[2,2.1]HEPT-5-ENES

 (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 	:25/08/2010 :WO 2011/023374 :NA :NA	(71)Name of Applicant: 1)LONZA LTD Address of Applicant:LONZASTRASE 3930 VISP (CH). Switzerland (72)Name of Inventor: 1)FRANZEN, MANUELA 2)NOTI, CHRISTIAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Enantiomerically enriched (1 S,4R)-2-oxa-3-azabicyclo[2.2.1]hept-5-ene of formula wherein PG1 is an amino-protective group, are prepared from cyclopentadiene via hetero-Diels-Alder cycloaddition with protected 1-C-nitroso-P-D-ribofuranosyl halides of formula wherein X is a halogen atom selected from fluorine, chlorine, bromine and iodine, PG is a hydroxyl-protective group and PG is a 1,2-diol-protective group.

No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BOTTOM ASH DISCHARGING DEVICE FOR COAL-FIRED BOLLER

(51) International classification	:F23J 1/02	(71)Name of Applicant:
(31) Priority Document No	:2009 10091640.7	1)BEIJING GUODIAN FUTONG SCIENCE AND
(32) Priority Date	:31/08/2009	TECHNOLOGY DEVELOPMENT CO., LTD.
(33) Name of priority country	:China	Address of Applicant :ABP 6-14 BUILDING, NO. 188
(86) International Application No	:PCT/CN2010/001004	NANSIHUAN XI ROAD, FENGTAI DISTRICT, BEIJING
Filing Date	:05/07/2010	100070, CHINA China
(87) International Publication No	:WO 2011/022929	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)YUWEI WANG
Number	:NA	2)ZHENQIANG LIU
Filing Date	.11/1	3)JING ZHANG
(62) Divisional to Application Number	:NA	4)QIAN YU
Filing Date	:NA	

(57) Abstract:

A bottom ash discharging device for coal-fired boiler comprises a clinker case (9), installed between the bottom ash hopper outlet (4) of the coal-fired boiler and the bottom ash conveyer(1), and impact bar (2), composed of a plurality of heat-resistant metal rods supporting inside the clinker case (9), and a clinker crusher (3), installed above the impact bar (2), for crushing the clinker, wherein, further comprises a guiding device that limiting the clinker to drop into the clinker crushing area of the clinker crusher(3), installed between the bottom ash hopper outlet (4) and the clinker erusher(3), the low ends of the guiding plate is closer than the baffle plate to the clinker crushing body (7), and the bottom edges of the guiding plate are lower than the top edge of the baffle plate. This invention is to solve the technical problems that the clinker dropping from the bottom ash hopper outlet to the rear area of the clinker crusher so as to affect its normal working, and the invention can especially apply for discharging clinker from various coal-fired boilers.

No. of Pages: 25 No. of Claims: 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS AND CATALYST

(51) International classification	:B01J 21/18	(71)Name of Applicant:
(31) Priority Document No	:09012080.9	1)ASTRAZENECA AB
(32) Priority Date	:23/09/2009	Address of Applicant :S-151 85 SODERTALJE, SWEDEN
(33) Name of priority country	:EUROPEAN	Sweden
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/GB2010/051583	1)RHONY AUFDENBLATTEN
Filing Date	:21/09/2010	2)THOMAS PETER BELSER
(87) International Publication No	:WO 2011/036479	3)WILHELM QUITTMANN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Aromatic or heteroaromatic nitro compounds are catalytically hydrogenated to the corresponding amines in the presence of a platinum catalyst comprising elemental platinum on a support; the platinum catalyst is modified with a molybdenum compound and a phosphorus compound wherein the phosphorus has an oxidation state of less than +5, e.g. hypophosphorous acid; the catalyst is particularly useful in the hydrogenation of nitro compounds with halogen and/or sulfur-containing substituents.

No. of Pages: 11 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1943/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SURGICAL FILE

 (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 	:A61B 17/00 :12/586,092 :17/09/2009 :U.S.A. :PCT/US2010/002540 :16/09/2010 :WO 2011/034599 :NA :NA :NA	(71)Name of Applicant: 1)THE ANSPACH EFFORT, INC Address of Applicant: 4500 RIVERSIDE DRIVE, PALM BEACH GARDENS, FL 33410, U.S.A. U.S.A. (72)Name of Inventor: 1)EDDY H DEL RIO 2)DAVID NARDUCCI 3)MICHAEL MENARD
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(57) Abstract:

A surgical file instrument including a surgical file assembly having an elongated tabular member with, a /shield supporting the blade of the surgical file and being formed on the distal end thereof, the guide/shield portion being ally planar shaped and having an elongated longitudinally extending dimple-defining a rail for guiding said blade and keep- central and preventing wobbling The side edges of said guide/shield extend upwardly and bear against the underside of the for supporting the same

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : MONOCHLOROTRIFLUOROPROPENE COMPOUNDS AND COMPOSITIONS AND METHODS USING 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 	:61/240,786 :09/09/2009 :U.S.A. :PCT/US2010/048036 :08/09/2010 :WO 2011/031697 :NA :NA	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC. Address of Applicant:101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, U.A.S. U.S.A. (72)Name of Inventor: 1)RAJIV R. SINGH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Various uses of monochlorotrifluoropropenes, in combination with one or more other components, including other fluoroalkenes, hydrocarbons; hydrofluorocarbons (HFCs), ethers, alcohols, aldehydes, ketones, methyl formate, formic acid, water, trans-1,2-dichloroethylene, carbon dioxide and combinations of any two or more of these, in a variety of applications, including as blowing agents, are disclosed.

No. of Pages: 71 No. of Claims: 11

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: N-(CYANOPHENYL) PYRAZOLECARBOXAMIDE AQUEOUS FORMULATION

 (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 	:03/09/2010 :WO 2011/028993 :NA :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 MARKET STREET, WILMINGTON, DE 19898, U.S.A. U.S.A. (72)Name of Inventor: 1)GUTSCHE OLIVER WALTER 2)GREEN JOHN HENRY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is an insecticidal suspension concentrate composition comprising by weight based on the total weight of the composition: (a) from about 0.3 to about 30% of 3-bromo-l (3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methylamino)carbonyl]phenyl]-IH-pyrazole-5-carboxamide; (b) from about 5 to about 70% of a nonionic ethylene oxide-propylene oxide block copolymer component having a water solubility of at least about 5% by weight at 20°C, a hydrophilic-lipophilic balance value ranging from about 5 to about 18 and an average molecular weight ranging from about 900 to about 20000 daltons; and (c) from about 20 to about 95% of water. Also disclosed is a method for controlling an insect pest comprising diluting said suspension concentrate composition with water to form a diluted composition, and contacting the insect pest or its environment with an insecticidally effective amount of said diluted composition.

No. of Pages: 48 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1935/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROADWAY POWERED ELECTRIC VEHICLE 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 	:H02M :61/273,701 :07/08/2009 :U.S.A. :PCT/NZ2010/000159 :06/08/2010 :WO 2011/016736 :NA :NA	(71)Name of Applicant: 1)AUCKLAND UNISERVICES LIMITED Address of Applicant: LEVEL 10 70 SYMONDS STREET, AUCKLAND, 1010, NEW ZEALAND New Zealand (72)Name of Inventor: 1)JOHN TALBOT BOYS 2)GRANT ANTHONY COVIC
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A roadway powered electric vehicle system includes a power supply 101 which makes power available inductively to one or more modules (111) provided in or under a roadway. Modules (111) make a magnetic field selectively available to one or more vehicles travelling over the roadway corresponding to the location of the vehicle. The presence or strength of the magnetic field provided on the roadway may be dependent upon the vehicle type or category.

No. of Pages: 87 No. of Claims: 23

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTI-CARRIER OPERATION FOR WIRELESS 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 	:H04W 48/18 :61/239,204 :02/09/2009 :U.S.A. :PCT/CA2010/001352 :02/09/2010 :WO 2011/026225 :NA :NA :NA	(71)Name of Applicant: 1)ROCKSTAR BIDCO, LP Address of Applicant: 1285 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10019-6064, U.S.A. U.S.A. (72)Name of Inventor: 1)DONG-SHENG YU 2)HOSEIN NIKOPOURDEILAMI 3)MO-HAN FONG
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(57) Abstract:

A method for a subscriber station to per-form network entry m a multi-carrier wireless environment that has a primary carner and at least one secondary carrier associated with a base station. The method includes sens—ing a carrier m an area serviced by the base station and de—termining if the carrier is a primary carrier or a secondary carrier. The method further includes performing the net—work entry if the determining establishes that the sensed carrier is a primary carrier and not a secondary carrier

No. of Pages: 60 No. of Claims: 40

(22) Date of filing of Application :07/03/2012

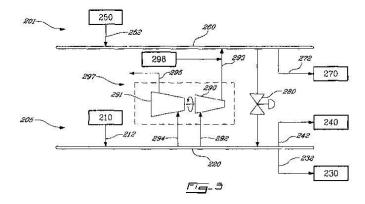
(43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR GENERATING HIGH PRESSURE STEAM

 (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 	:F01K 17/00 :61/236,171 :24/08/2009 :U.S.A. :PCT/CA2010/001261 :13/08/2010 :WO 2011/022810	(71)Name of Applicant: 1)JANVIER, BENOIT Address of Applicant:4401 COOLBROOK, MONTREAL, QUEBEC, H4A 3G1, CANADA Canada (72)Name of Inventor: 1)JANVIER, BENOIT
* *		` '
e		1)JANVIER, BENOIT
` /	:WO 2011/022810	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system of generating high pressure steam from a low pressure low energy steam is described and comprises providing a low pressure steam source; dividing the source into at least two streams. A first stream driving a turbine/expander coupled to a steam compressor of a steam generator. The steam compressor is fed by the second stream of the low pressure steam source, and the mass flow rate of the first stream is sufficient to raise the pressure of the second stream to a desired pressure. At steady state operating conditions the first and the second stream respectively acts as the driving force for the steam compressor and the inlet feed to the steam compressor generating the high pressure steam. In another embodiment the steam driven generator comprises a thermo compressor and may include an organic thermal fluid Rankine cycle.



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

(21) Application No.2077/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: POLYAMIDE COMPOSITION CONTAINING POLYMIDE 4,10

(51) International classification	:C08L 77/00	(71)Name of Applicant:
(31) Priority Document No	:09170743.0	1)DSM IP ASSETS B.V.
(32) Priority Date	:18/09/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE
(33) Name of priority country	:EUROPEAN	HEERIEN, THE NETHERLANDS Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/063638	1)DULLAERT, KONRAAD
Filing Date	:16/09/2010	2)VAN DER VEGTE, ERIC WILLEM
(87) International Publication No	:WO 2011/033035	3)TOMIC, KATARINA
(61) Patent of Addition to Application	:NA	4)STROEKS, ALEXANDER ANTONIUS MARIE
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Polyamide composition comprising a first polyamide, characterized in that the composition further comprises polyamide 4,10 in an amount of at least 0.01 wt%, based on the total amount of polyamides in the composition. In a preferred embodiment of the invention, the first polyamide is an aliphatic polyamide chosen from the group of polyamide 6,6 and polyamide 4,6.

No. of Pages: 12 No. of Claims: 15

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PREPARATION OF LIQUID MIXTURES

 (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 	:G05D 11/02 :0950703-9 :25/09/2009 :Sweden :PCT/SE2010/051023 :23/09/2010 :WO 2011/0/037530 :NA :NA	2)ENRIQUE CARREDANO 3)KARL EKSTROM 4)JAN-ERIK LYNGA 5)ROGER NORDBERG 6)MIKE PETERS 7)GUSTAV RODRIGO
Number		6)MIKE PETERS

(57) Abstract:

A method for preparing a liquid flow having pre-defined characteristics by mixing liquid flows of at least two different component stock solutions with each other comprises the steps of determining a selected property value for one or more of the stock solutions by sensing, in a flow of each stock solution separately, at least one characteristic related to the property value for the stock solution, and based on the determined property value or values, mixing the stock solution flows in mixing ratios giving the desired mixed liquid flow. A system for carrying out the method comprises sensor means and a control unit, wherein the control unit is arranged to evaluate the characteristics sensed by the sensor means and provide relative ratios of stock solutions required to obtain a mixed liquid flow having the pre-defined characteristics.

No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : FLAME RETARDANT POLYMERS AND ADDITIVE SYSTEM FOR IMPROVED VISCOSITY POLYMERS

 (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 	:C08K 5/00 :61/238, 758 :01/09/2009 :U.S.A. :PCT/US2010/047220 :31/08/2010 :WO 2011/028675 :NA :NA :NA	(71)Name of Applicant: 1)THE UNIVERSITY OF SOUTHERN MISSISSIPPI RESEARCH FOUNDATION Address of Applicant: 118 COLLEGE DRIVE, HATTIESBURG, MISSISSIPPI 39406, U.S.A. U.S.A. 2)CHEMTURA CORPORATION (72)Name of Inventor: 1)JAMES D. SIEBECKER 2)WILLIAM R. FIELDING 3)JOSHUA U. OTAIGBE
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(57) Abstract:

A flame retardant thermoplastic polymer composition, having a major amount of a thermoplastic polymer and a flame retardant additive comprising a phosphinic acid salt, a zinc salt and a melamine salt, in an amount effective to provide flame retardance to said polymer, and a low Tg glass containing phosphorous, tin and fluorine, in an amount sufficient to reduce the shear viscosity of the composition to less than about 10 Pa-s at a shear rate of about 10,000/sec and a temperature of 280°C, as measured by ASTM D-3835 is provided. Also provided is a flame retardant composition comprising phosphinic acid salt, a zinc salt, a melamine salt and the low Tg glass and a process for forming the flame retardant thermoplastic polymer composition by incorporating the flame retardant composition into the molten polymer.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: RELAY STATION, RELAY METHOD, AND WIRELESS COMMUNICATION 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 	:02/09/2010 :WO 2011/033944 :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 1080075, JAPAN. Japan (72)Name of Inventor: 1)RYOTA KIMURA
Filing Date	:NA	

(57) Abstract:

To dynamically change an amount of communication resources to be used for relay communication. A relay station for relaying a radio signal between a base station and a mobile station is provided. The relay station includes a wireless communication unit for transmitting or receiving a radio signal in blocks individually divided in at least one of a time domain, a frequency domain, a code domain, and a space domain, and a communication control unit for causing the wireless communication unit to transmit, in one block, data contained in two or more radio signals received in different blocks by the wireless communication unit.

No. of Pages: 91 No. of Claims: 20

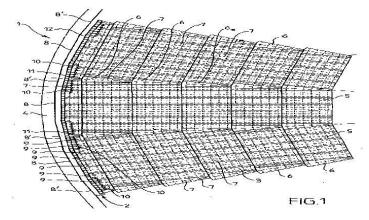
(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: POLYGONAL LNG 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 (61) Patent of Addition to Application Number Filing Date (62) Distriment to Application Number 	:0957349 :20/10/2009 :France :PCT/FR2010/052110 :07/10/2010 :WO 2011/048300 :NA :NA	(71)Name of Applicant: 1)GAZTRANSPORT ET TECHNIGAZ Address of Applicant: 1 ROUTE DE VERSAILLES, F-78470 SAINT REMY LES CHEVREUSE, FRANCE. France (72)Name of Inventor: 1)ADNAN EZZARHOUNI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Fluidtight and/or thermally insulated tank (1) comprising a bearing structure (4), a fluidtight barrier and/or a thermally insulating barrier, the said fluidtight barrier and/or the said thermally insulating barrier being of cylindrical shape and comprising a vertical wall (2) and a bottom wall (3), in which the said vertical wall has a plurality of vertical panels (8, 8'), the said bearing structure, surrounding the said vertical wall, and in which the said bottom wall includes a plurality of rectangular components (5) arranged in sectors that are the image of one another but rotated, the edges of the rectangular components of one of the said sectors being respectively parallel and perpendicular to one of the said vertical panels (8), characterized in that the number of the said vertical panels is twice the number of the said sectors.



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

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INDUCTIVE POWER TRANSFER 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 	:06/08/2010 :WO 2011/016737 :NA :NA	(71)Name of Applicant: 1)AUCKLAND UNISERVICES LIMITED Address of Applicant: LEVEL 10, 70 SYMONDS STREET, AUCKLAND, 1010, NEW ZEALAND New Zealand (72)Name of Inventor: 1)GRANT ANTHONY COVIC 2)MICHAEL LE GALLAIS KISSIN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A magnetic flux pad (BPP) is provided for generating or receiving magnetic flux. The pad may be used with an inductive power transfer system, and comprises a magnetically permeable core (4) and two substantially flat overlapping coils (2, 3) magnetically associated with the core (4). The coils (2, 3) are arranged so that there is essentially no mutual coupling between them.

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

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SAFETY SEAT SUSPENDED ON A BELT FRAME

(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date NA Filing Date NA Filing Date NA Filing Date NA	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/09/2010 :WO 2011/029555 :NA :NA :NA	(71)Name of Applicant: 1)AUTOFLUG GMBH Address of Applicant:10, INDUSTRIESTRASSE, 25462 RELLINGEN, GERMANY Germany (72)Name of Inventor: 1)WOLFRAM EBEL 2)ANDRE HABERECHT
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(57) Abstract:

The invention relates to a safety seat for land, air, and sea vehicles, comprising a seat part, which is fastened to a belt frame having vertical retaining belts that each extend in the vicinity of the rear seat-part edge and are fastened to the vehicle, wherein the retaining belts are designed as a belt loop stretched between vehicle-mounted anchors arranged at a vertical distance to each other above and below the seat part, the belt loop having a front belt and a rear belt thus formed, the safety seat being characterized in that the seat part (26) is fastened to a support frame (13) having two braces (14a, b) oriented in the direction of extension of the vertical retaining belts, and that in order to fasten the support frame (13) to the belt frame, the front belt or the rear belt of the respective loop-shaped retaining belts is divided into two retaining belt sections (17,22) extending between the support frame (13) and the anchor located above the seat part (26) and extending between the support frame and the anchor (20) located below the seat part, respectively. The associated ends of the retaining belt sections (17,22) are retained on the vertical braces (14a, b) of the support frame (13) and retaining the support frame under tension in the vertical orientation of the support frame.

No. of Pages: 21 No. of Claims: 13

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS AND APPARATUS FOR MONITORING SINGLE BOARD RUNNING STATE

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Schina PCT/CN2010/073838 SHENZ China (72)Na (72)Na (72)Na (73)	Address of Applicant: ZTE PLAZA, KEJI ROAD SOUTH, TECH INDUSTRIAL PARK, NANSHAN DISTRICT, ENZHEN, GUANGDONG PROVINCE 518057, P.R.CHINA. Ina Name of Inventor: ZHONGWEN LIU ZEJIAN ZHANG
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(57) Abstract:

A method and an apparatus for monitoring single board running state are disclosed in the present invention. The above method comprises: establishing an Module Management Controller (MMC) communication channel between a slave board and a master control board when the slave board is powered up; and the slave board reporting running state information of the slave board to the master control board by the MMC communication channel according to one or more preset monitor information points. In the present invention, by the MMC function channel under the uTCA architecture, the slave board reports the master control board the running state of the working process from the moment of being powered-up to the time when the system runs stably, which solves the problem in the conventional art that the monitoring on the single aboard is incomprehensive and can record the running state of the slave board completely.

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ENERGY CONVERSION METHOD AND APPARATUS, AND WELDING 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 	:B23K 9/10 :A 1427/2009 :10/09/2009 :Austria :PCT/AT2010/000327 :10/09/2010 :WO 2011/029117 :NA :NA :NA	(71)Name of Applicant: 1)FRONIUS INTERNATIONAL GMBH Address of Applicant: VORCHDORFER STRASSE 40, A- 4643 PETTENBACH, AUSTRIA. Austria (72)Name of Inventor: 1)CHRISTIAN MAGERL 2)JURGEN BINDER 3)WALTER STIEGLBAUER 4)BERNHARD ARTELSMAIR
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(57) Abstract:

The invention relates to a method arid an apparatus for convert ing the energy of an energy storage (2) for operating an arc (6), wherein in order to convert energy, at least one switch (9) of a step-down converter is switched on and off in a controlled manner, wherein said at least one switch (9) is connected to the energy storage (2) at the input end. In order to be able to supply as much of the limited energy available from the energy store (2) to the arc (6), it is provided that a synchronous converter is used as the step-down converter for operating the arc (6), and that the at least one switch (9) of the synchronous converter that is designed as a power unit (3) is connected to a snubber circuit (10) at the output end such that at least the switch (9) is switched on and off in an snubbed state.

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

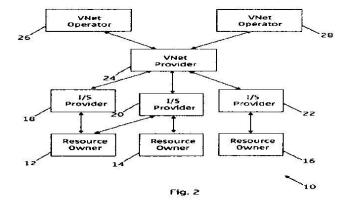
(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VIRTUAL NETWORK CONTROLLER

(51) International classification	:H04L 12/24	(71)Name of Applicant:
(31) Priority Document No	:PCT/EP2009/062110	1)NOKIA SIEMENS NETWORKS GMBH & CO. KG
(32) Priority Date	:18/09/2009	Address of Applicant :ST. MARTIN STRASSE 76, 81541
(33) Name of priority country	:PCT	MUNCHEN, GERMANY. Germany
(86) International Application No	:PCT/EP2009/062110	(72)Name of Inventor:
Filing Date	:18/09/2009	1)KALLIN, SASCHA
(87) International Publication No	:WO 2011032595	2)RAMBACH, FRANZ
(61) Patent of Addition to Application	:NA	3)HOFFMANN, MARCO
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A virtual network controller is described. The controller receives a request for the provision of a slice of a network to a virtual network operator. The controller determines whether the slice can be provided from existing resources, whether the slice can be provided if the existing resources are re-configured, or whether the slice can only be provided if additional resources are obtained. The controller then automatically takes the action required in order to provide the requested slice. The controller can also be used to release resources that are no longer required. Additionally, the controller can be used to re-optimize the network on request.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1950/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : SYNERGISTIC ANTIMICROBIAL COMPOSITION CONTAINING GLUTARALDEHYDE AND DIMETHOXANE (2, 6-DIMETHYL-1, 3-DIOXAN-4-YL ACETATE)

 (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 	:A01N 35/02 :61/277,899 :30/09/2009 :U.S.A. :PCT/US2010/048850 :15/09/2010 :WO 2011/041098 :NA :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BEI YIN
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(57) Abstract:

A synergistic antimicrobial composition having two components. The first component is glutaraldehyde. The second component is 2,6-dimethyl-1,3-dioxan-4-yl acetate.

No. of Pages: 7 No. of Claims: 6

(22) Date of filing of Application :05/03/2012

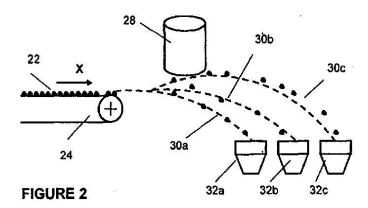
(43) Publication Date: 21/08/2015

(54) Title of the invention: A METHOD OF SORTING PARTICULATE MATTER

 (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 	:07/09/2010 :WO 2011/026195 :NA	(71)Name of Applicant: 1)CURTIN UNIVERSITY OF TECHNOLOGY Address of Applicant: KENT STREET, BENTLEY, WESTERN AUSTRALIA 6102, AUSTRALIA Australia (72)Name of Inventor: 1)GOLOVANEVSKIY, VLADIMIR, ARKADIEVICH
(61) Patent of Addition to Application	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method of sorting particulate matter comprises creating an unconstrained monolayer feed stream of particulate matter moving with an initial first trajectory in a gaseous medium, and subjecting the monolayer feed stream while in the gaseous medium to a magnetic field of sufficient strength to influence the trajectory of at least some particles in the feed stream to cause a spread of particle trajectories from the first trajectory. The particles are subsequently sorted and/or collected on the basis of their trajectories.



No. of Pages: 31 No. of Claims: 47

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF MAKING ELECTROCHROMIC WINDOWS

(51) International classification	:G02F 1/15	(71)Name of Applicant :
(31) Priority Document No	:61/237,580	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:27/08/2009	Address of Applicant :2300 HARMON ROAD, AUBURN
(33) Name of priority country	:U.S.A.	HILLS, MI 48326, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/002332	(72)Name of Inventor:
Filing Date	:24/08/2010	1)VEERASMY, VIJAYEN, S.
(87) International Publication No	:WO 2011/028254	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Certain example embodiments of this invention relate to electrochromic (EC) devices, assemblies incorporating electrochromic devices, and/or methods of making the same. More particularly, certain example embodiments of this invention relate to improved EC materials, EC device stacks, high- volume manufacturing (HVM) compatible process integration schemes, and electrochromic window assemblies (600a) comprising a first glass substrate (402), which is not thermally tempered and supports a stack (400) of electrochromic layers, a second glass substrate (602), made of thermally tempered glass and a laminated to the first substrate, and a third glass substrate (604).

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ENERGY CONVERSION METHOD AND APPARATUS, AND WELDING 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 	:B23K 9/32 :A 1425/2009 :10/09/2009 :Austria :PCT/AT2010/000323 :09/09/2010 :WO 2011/029113 :NA :NA	(71)Name of Applicant: 1)FRONIUS INTERNATIONAL GMBH Address of Applicant: VORCHDORFER STRASSE 40, A- 4643 PETTENBACH, AUSTRIA. Austria (72)Name of Inventor: 1)CHRISTIAN MAGERL 2)JURGEN BINDER 3)WALTER STIEGLBAUER 4)BERNHARD ARTELSMAIR
. ,		1 '
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and an apparatus for convert¬ing the energy of an energy storage (2) for operating an arc (6), wherein a power unit (3) and an input and/or output device (5) for setting the current for operating the arc (6) is used to convert energy, as well as an appropriate welding device. In or¬der to be able to provide the user with information on the state of energy storage (2), the time remaining for operating the arc (6) using the set current is calculated depending on a deter¬mined capacity of the energy storage (2) and a value for the current set on the input and/or output device (5), and said time is displayed on a corresponding display unit (27).

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: REACTIVE POLYMERS FOR SOLID-PHASE EXTRACTION

 (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 21/64 :0915329.7 :03/09/2009 :U.K. :PCT/GB2010/051419 :26/08/2010 :WO 2011/027143 :NA :NA :NA	(71)Name of Applicant: 1)TOXIMIT LIMITED Address of Applicant:130 ABBOTT DRIVE, KENT SCIENCE PARK, SITTINGBOURNE KENT ME9 8AZ, U.K. U.K. (72)Name of Inventor: 1)RAYMOND DOUGLAS COKER 2)SERGEY PILETSKY 3)OLENA PILETSKA
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(57) Abstract:

Apparatus, methods and polymers for solid phase extraction by binding an analyte containing a primary amino group The polymer is a reactive polymer, wherein binding of the analyte to the polymer causes fluorescent isoindole complex for-mation. A method of binding comprises use of an SPE carrier, such as an SPE cartridge, loaded with a reactive polymer Binding of an analyte is detected by observing changes in fluorescence after applying the analyte to the polymer Fluorescence can be de -tected using a fluorometer or transilluminator, for example In a preferred embodiment, the reactive polymer is prepared from a monomer mixture comprising acetorutrile and methylamine.

No. of Pages: 21 No. of Claims: 19

(22) Date of filing of Application :17/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : A NOVEL WATER DISPERSIBLE OLIGOSACCHARIDE-GRAFT-ACRYLIC COPOLYMER AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification :C08B (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN RAFI MARG, NEW DELHI-110001, INDIA Delhi India (72)Name of Inventor: 1)LAKSHMINARAYANA YALAVARTHI 2)JAISANKAR SELLAMUTHU NAGAPPAN 3)SARAVANAN PALANIVEL 4)RAMESH RAMAKRISHNAN 5)RAMALINGAM SAMAYAVARAM 6)ASIT BARAN MANDAL
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(57) Abstract:

The present invention relates to a novel water dispersible oligosaccharide - graft- acrylic copolymer, wherein the oligosaccharide is molasses. The monomers were polymerized to attain desired degree of conversion to produce a water dispersible oligosaccharide - graft- acrylic copolymer, finds enormous application as filler in different processing industries. It is envisaged to have potential applications as effective retanning agent in leather processing industry, as an adhesive in the paper industry and is also useful in coating industry. The present invention further provides a process for the preparation of the said novel water-dispersible oligosaccharide - graft- acrylic copolymer.

No. of Pages: 18 No. of Claims: 6

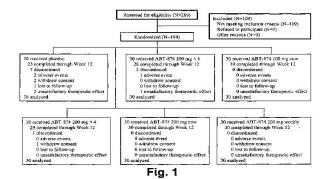
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS FOR TREATING

(51) International classification	:A61K 39/395	(71)Name of Applicant: 1)ABBVIE DEUTSCHLAND GMBH & CO. KG, Address of Applicant: MAX-PLANCK-RING 2A, 65205 WIESBADEN GERMANY. Germany (72)Name of Inventor:
(31) Priority Document No (32) Priority Date	:61/242,288 :14/09/2009	1)VALDES JOAQUIN MARIO 2)CHARTASH ELLIOT K.
(33) Name of priority country	:U.S.A.	3)BARCHUK WILLIAM T.
(86) International Application No	:PCT/US2010/048771	4)PAULSON SUSAN K.
Filing Date	:14/09/2010	5)GORDON KENNETH B.
(87) International Publication No	:WO 2011/032148	6)AWNI WALID M.
(61) Patent of Addition to Application	:NA	7)BAO YANJUN
Number	:NA	8)GLASS WILLIAM G.
Filing Date		9)GU YIHUA
(62) Divisional to Application Number	:NA	10)HARRIS TOM C.
Filing Date	:NA	11)KAUL MARTIN
		12)MULANI PARVEZ M.
		13)NOERTERSHEUSER PETER
		14)OKUN MARTIN M.
		15)WEILER KRISTEN E.

(57) Abstract:

The invention provides methods of treating psoriasis in a subject by administering to a subject an antibody capable of binding to the p40 subunit of IL-12 and/or IL-23.



No. of Pages: 428 No. of Claims: 187

(21) Application No.1966/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPOUNDS HAVING TAFIA INHIBITORY ACTIVITY

 (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 	:C07D 471/04 :2009-215093 :17/09/2009 :Japan :PCT/JP2010/066637 :17/09/2010 :WO 2011/034215 :NA :NA :NA	(71)Name of Applicant: 1)TAISHO PHARMACEUTICAL CO., LTD. Address of Applicant:24-1, TAKADA 3-CHOME, TOSHIMA-KU, TOKYO 170-8633, JAPAN Japan (72)Name of Inventor: 1)AMADA HIDEAKI 2)MATSUDA DAISUKE 3)BOHNO AYAKO
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(57) Abstract:

The present invention provides compounds having superior TAFIa inhibitory activity. They are dihydroimidazoquinoline compounds represented by the following formula (I) or pharmaceutically acceptable salts thereof: wherein R is a hydrogen atom or a C1-10 alkyl group; R1 is a hydrogen atom, a C1-10 alkyl group, a C3-8 cycloalkyl group or a substituent having the structure represented by the following formula la or lb: where R3 is a C1-6 alkyl group; R4 is a C1-6 alkyl group, a C3-8 cycloalkyl group, or a benzyl group; and R2 is a hydrogen atom or a substituent having the structure represented by the following formula Ic or Id:

No. of Pages: 95 No. of Claims: 10

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS, DEVICES, AND COMPOSITIONS FOR INTRAVITREAL INJECTION

 (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 	:A61F 9/00 :61/232,711 :10/08/2009 :U.S.A. :PCT/US2010/045008 :10/08/2010 :WO 2011/019709 :NA :NA	(71)Name of Applicant: 1)EVONIK CORPORATION Address of Applicant:299 JEFFERSON ROAD, PARSIPPANY, NEW JERSEY-07054, U.S.A. U.S.A. (72)Name of Inventor: 1)ERICKSON SIGNE R. 2)HAGEMEIER CHARLES J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods of treating disorders of the eye are disclosed. One or more substances are injected into the vitreous humor of the eye using a syringe. A needle of the syringe is inserted into the eye such that the tip of the needle is positioned inferior to the visual axis. The needle of the syringe is inserted into the eye at an injection point that is located from 3 mm to 5 mm posterior to the limbus of the eye. The tip of the needle is positioned at a depth from 1 mm to 10 mm from the retina of the eye at the injection point.

No. of Pages: 28 No. of Claims: 30

(22) Date of filing of Application :09/03/2012

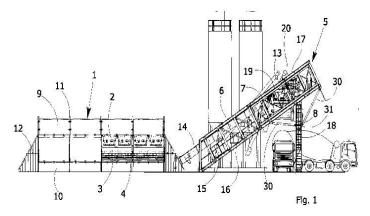
(43) Publication Date: 21/08/2015

(54) Title of the invention: MOBILE CONCRETE MIXING EQUIPMENT, SUITABLE FOR TRANSPORT ON VEHICLES

 (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 	:21/08/2009 :WO 2011/021074 :NA :NA	(71)Name of Applicant: 1)SIMEM S.R.L. Address of Applicant: VIA RONCHI, 44, I-37046 MINERBE (VR)-ITALY, ITALY. Italy (72)Name of Inventor: 1)FURLANI MICHELE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A mobile concrete mixing system substantially consisting of an inert materials hopper unit (1) with material extraction outlets (2) which discharge onto a weighing hopper (3) which, by means of an extractor belt (4), feeds a mixing unit (5) consisting of a metal structure (6) which comprises a sloping belt (7) which receives the material from the extractor belt and transfers it to the cement mixer (8) in which the inert materials unit (1) can be completely transported by a single vehicle and, in the transport configuration, presents the walls of the material receiving hoppers (9) and the base walls (10) turned over by 180° , while the dividers (11) and the side walls of the loading ramp (12) are folded up on themselves by 90° and positioned on the upper part of the unit, and in which the mixing unit (5) is moved from the transport position to the working position by rotation of the cement mixer (8) around a pin (X) which acts as a pivot for it to reach the horizontal working position, otherwise not possible during transport.



No. of Pages: 25 No. of Claims: 16

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR CONTROLLING A STARTING AID OF 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 	:B61T 7/12 :10 2010 033 416.2 :04/08/2010 :Germany :PCT/EP2011/003701 :23/07/2011 :WO 2011/015762 :NA :NA :NA	(71)Name of Applicant: 1)VOITH PATENT GMBH Address of Applicant: ST. POLTENER ST. 43, 89522 HEIDENHEIM GERMANY (DE) Germany (72)Name of Inventor: 1)DIETZEL, BERND 2)STARK, ULI 3)VOGEL, HANS 4)NA
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(57) Abstract:

The invention concerns a method for controlling a starting aid of a motor vehicle, in particular of a bus, with the following steps: Holding of the motor vehicle by means of a braking force by application of a braking pressure to a brake of the starting aid; Release of the starting aid by reducing the braking pressure as a reaction to the detection of a starting operation which is initiated by the driver. The invention is characterised in that the release of the starting aid takes place as follows: Reduction of the braking pressure in accordance with a predetermined first gradient; Simultaneous detection of the rotational direction of an output shaft of a transmission of the motor vehicle or of another component which rotates as a function of the rotational speed of the drive wheels; Upon detection of a rotational-direction signal, which indicates forward travel of the motor vehicle, continuation of the reduction in the braking pressure in accordance with the predetermined first gradient and upon detection of another signal, continuation of the reduction of the braking pressure by way of a second gradient which is reduced in comparison with the first gradient or an increase in the braking pressure.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: LEVELING MACHINE WITH MULTIPLE ROLLERS

(51) International classification	:B21D 1/02	(71)Name of Applicant :
(31) Priority Document No	:09290685.8	1)SIEMENS VAI METALS TECHNOLOGIES SAS
(32) Priority Date	:09/09/2009	Address of Applicant :51, RUE SIBERT, F-42403 SAIANT-
(33) Name of priority country	:EUROPEAN	CHAMOND, FRANCE France
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2009/062659	1)JEAN-PIERRE CHAZAL
Filing Date	:30/09/2009	2)BERNARD DUMAS
(87) International Publication No	:WO 2011/029485	3)VINCENT PHILIPPAUX
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Machine for leveling a strip of material comprising: a lower fixed back plate (1) from which extend a plurality of vertical beams (2a, 2b), the beams being located on either side of a longitudinal axis of movement of the strip of material, a lower fixed leveling cassette (5b), during operation of the leveling machine, the lower fixed leveling cassette (5b) bearing against the fixed back plate (1), an upper leveling cassette (5a), each cassette having a plurality of rollers (51a, 51b) spaced out and mounted rotatingly in bearings (52) on axes perpendicular to the longitudinal axis of movement (P) of the material, characterized in that the leveling machine also includes: an upper fixed back plate (11) rigidly connected to the vertical beams (2a, 2b) and rigidly attached to the upper extremity of each beam (2a, 2b), movable means (9) for coupling the upper leveling cassette (5a) to the upper back plate (11) enabling movement of the upper leveling cassette, means (10) for moving the upper leveling cassette (5a) in vertical translation in relation to the upper fixed back plate (11) between a resting position in which the rollers (51a) of the upper leveling cassette (5a) are not close to the rollers (51b) of the lower leveling cassette in order to cause the strip to follow an undulating route.

No. of Pages: 25 No. of Claims: 17

(22) Date of filing of Application :09/03/2012

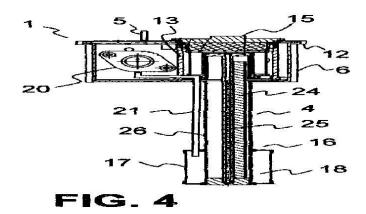
(43) Publication Date: 21/08/2015

(54) Title of the invention: FEEDING DEVICE FOR A REDUCING AGENT

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Signal 2009 041 179.8 Signal	 (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 	:11/09/2009 :Germany :PCT/EP2010/062920 :03/09/2010 :WO 2011/029774 :NA :NA	Address of Applicant :HAYPTSTRASSE 128, 53797 LOHMAR (DE). Germany (72)Name of Inventor: 1)BRUCK, ROLF 2)HODGSON, JAN
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(57) Abstract:

The invention relates to a method for heating a feeding device (1) for reducing agent. Said feeding device comprises a recirculation valve (20) which is open when an opening current is supplied to the recirculation valve (20) and which operates as a heating element in the closed state when a heating current that is smaller than the opening current is supplied to the recirculation valve (20). The recirculation valve is preferably in heat-conducting contact with a metal base plate (6) of the feeding device (1).



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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TRANSAPICAL DELIVERY DEVICE AND METHOD OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61F 2/24 :61/238,063 :28/08/2009 :U.S.A. :PCT/US2010/047034 :27/08/2010	(71)Name of Applicant: 1)3F THERAPEUTICS, INC. Address of Applicant: 3905 ANNAPOLIS LANE, SUITE 105, PLYMOUTH, MINNESOTA 55447, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2011/025981 :NA :NA	1)ANDRZEJ M. MALEWICZ 2)MATTHEW W. WESTON 3)DAVID R. ELIZONDO 4)DANIEL C. WEBER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A delivery device for a stented heart valve comprises a handle, an inner catheter shaft extending from the handle and having an enlarged bumper element at a distal end, an outer catheter shaft extending from the handle and slidably coupled around the inner catheter shaft, and a retraction mechanism for controlling longitudinal movement of the outer catheter shaft relative to the inner catheter shaft. The outer catheter shaft includes a generally cylindrical housing at a distal end that is structured to receive the bumper element therein.

No. of Pages: 71 No. of Claims: 15

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TURBOSHAFT ENGINE WITH PARALLEL SHAFTS

(51) International classification	:F02C 3/10	(71)Name of Applicant:
(31) Priority Document No	:0956412	1)TURBOMECA
(32) Priority Date	:17/09/2009	Address of Applicant :F-64510 BORDES, FRANCE France
(33) Name of priority country	:France	(72)Name of Inventor:
(86) International Application No	:PCT/FR2010/052057	1)ANTOINE DRACHSLER
Filing Date	:29/09/2010	2)ALAIN MICHEL PERBOS
(87) International Publication No	:WO 2011/033244	3)JOEL SILET
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a free-turbine turboshaft engine including, on the one hand, a gas generator comprising at least one compressor (1) supplied with air, a combustion chamber (5) receiving the compressed air at the output of said compressor (1), and at least one generator turbine (7) mechanically connected to said compressor (1) by a drive shaft (15) and driven by the gases from the combustion of fuel carried out in said combustion chamber (5), and including, on the other hand, a free turbine (11) supplied by the gases from said combustion after passing through said generator turbine (7) and which drives a power shaft (12) positioned non-coaxially relative to the drive shaft (15) of the gas generator and supplying the power of the turboshaft engine via a reduction gear (13). According to the invention, the combustion chamber (5) is a substantially cylindrical or frusto-conical chamber, coaxial with the axis of the generator turbine and comprising a single injector (6).

No. of Pages: 12 No. of Claims: 13

(22) Date of filing of Application :09/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: WIRELESS SCHEDULING CONSIDERING OVERHEAD COST ESTIMATE

 (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 	:14/10/2009 :WO 2011/046475 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)BARK, GUNNAR 2)ENGLUND, EVA 3)LARSSON, ERIK
Filing Date	:NA	

(57) Abstract:

The present solution provides a method in a base station (110) for selecting one or more user equipments (120) to be scheduled for a transmission. After receiving (201) channel state information from the respective one or more user equipments (120), the base station (110) estimates (202) the throughput of the transmission of the respective one or more user equipments (120). The throughput is based on the received channel state information. The base station (110) further estimates (203) the consumption of throughput that is expected for transmitting scheduling information to each of the respective one or more user equipments (120). The base station then selects (204) the respective one or more user equipments (120) to be scheduled for transmission based on a criterion. The criterion is based on the estimated throughput and the estimated consumption of throughput that is expected for transmitting the scheduling information to the respective one or more user equipments (120).

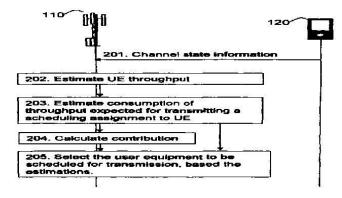


Fig. 2

No. of Pages: 29 No. of Claims: 22

(21) Application No.2111/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FLUID MATERIAL-DISPENSING 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 	:02/11/2010 :WO 2011/055068 :NA	(71)Name of Applicant: 1)VALOIS S.A.S. Address of Applicant: B.P.G, LE PRIEURE, F-27110 LE NEUBOURG, FRANCE. France (72)Name of Inventor: 1)PARDONGE, JEAN-MARC
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fluid dispenser device comprising a dispenser member (10), such as a pump or a valve, that is mounted on a fluid reservoir (20) and that is actuated by a dispenser head (30) that includes a spray orifice (31), said device further comprising visual indicator means (50) that are movable between an indicating position and a non-indicating position, said visual indicator means (50) being moved into their non-indicating position at the start of each actuation of said dispenser member (10), and being moved from said non-indicating position towards said indicating position by said fluid, while it is being dispensed.

No. of Pages: 15 No. of Claims: 12

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ARTICLE HAVING LOW-REFLECTION FILM ON SURFACE OF BASE MATERIAL

 (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 	:C03C 17/34 :2009-205869 :07/09/2009 :Japan :PCT/JP2010/065039 :02/09/2010 :WO 2011/027827 :NA :NA :NA	(71)Name of Applicant: 1)ASAHI GLASS COMPANY, LIMITED Address of Applicant:5-1, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8405 (JP) Japan (72)Name of Inventor: 1)OTANI, YOSHIMI 2)MOTOTANI, SATOSHI 3)TANEDA, SHUJI
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(57) Abstract:

The present invention relates to an article containing a base material and a low-reflection film formed on a surface of the base material, in which the low-reflection film contains a first layer, a second layer and a third layer in this order from the base material side, and the first layer, the second layer and the third layer have refractive indexes nl, n2 and n3, respectively, which meet the relationship of nl > n3 > n2.

No. of Pages: 41 No. of Claims: 9

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : CHROMIUM BASED POLYMERIZATION CATALYST, THE METHOD TO PREPARE IT AND POLYMERS PREPARED THEREWITH

(51) International classification:C08F 10/00(31) Priority Document No:10/829,550(32) Priority Date:22/04/2004(33) Name of priority country:U.S.A.

(86) International Application No Filing Date :24/03/2005

(87) International Publication No :WO 2005/108439

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

(62) Divisional to Application Number :6873/DELNP/2006 Filed on :17/11/2006 (71)Name of Applicant:

1)CHEVRON PHILLIPS CHEMICAL COMPANY, LP Address of Applicant :10001 SIX PINES DRIVE, THE

WOODLANDS, TX 77380, U.S.A. U.S.A.

(72)Name of Inventor:
1)MCDANIEL, MAX PAUL
2)BENHAM, ELIZABETH ANN
3)SECORA, STEVEN JOSEPH

4)JENSEN, MICHAEL DENNIS 5)COLLINS, KATHY SUE

(57) Abstract:

Catalyst systems for polymerizing olefins include a catalyst comprising chromium and a cocatalyst comprising a substituted or unsubstituted non-transition metal cyclopentadienyl (Cp) compound. The catalyst also comprises an inorganic oxide support. Methods of preparing a catalyst comprise contacting a support with chromium and with a non-transition metal Cp compound. The support can be contacted with a solution comprising the non-transition metal Cp compound prior to entry into a reaction zone. Methods of polymerizing at least one olefin include contacting the olefin with a catalyst comprising chromium and with a cocatalyst comprising a non-transition metal Cp. The polymerization can be performed in the presence of hydrogen. Using the cocatalyst in conjunction with the catalyst increases several properties of the polymers produced by this method. Polymer compositions produced by such methods have various unique properties, including a PDI greater than 30.

No. of Pages: 41 No. of Claims: 50

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: REFRIGERANT OIL FOR FREEZERS AND OPERATING FLUID COMPOSITION FOR FREEZERS

 (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 	:C10M 169/04 :P2009-198730 :28/08/2009 :Japan :PCT/JP2010/063810 :16/08/2010 :WO 2011/024663 :NA :NA :NA	(71)Name of Applicant: 1)JX NIPPON OIL & ENERGY CORPORATION Address of Applicant:6-3, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8162, JAPAN Japan (72)Name of Inventor: 1)KATSUYA TAKIGAWA 2)YUJI SHIMOMURA 3)MASANORI SAITO 4)KEN SA WADA 5)TAKESHI OKIDO
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(57) Abstract:

The working fluid composition for a refrigerating machine of this invention comprises a base oil containing an ether-based compound, an amine salt of an acidic phosphoric acid ester, at least one compound selected from the group consisting of amine-based antioxidants, metal inactivating agents and alicyclic epoxy compounds, and an unsaturated fluorinated hydrocarbon refrigerant. The refrigerating machine oil of the invention comprises a base oil containing an ether-based compound, an amine salt of an acidic phosphoric acid ester, and at least one compound selected from the group consisting of amine-based antioxidants, metal inactivating agents and alicyclic epoxy compounds, and it is to be used together with an unsaturated fluorinated hydrocarbon refrigerant.

No. of Pages: 99 No. of Claims: 19

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISTRIBUTION HEAD FOR A DEVICE FOR DISTRIBUTING A FLUID PRODUCT

 (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 	:A61J 1/14 :09 57327 :20/10/2009 :France :PCT/FR2010/052237 :20/10/2010 :WO 2011/048332 :NA :NA	(71)Name of Applicant: 1)VALOIS S.A.S. Address of Applicant: B.P.G, LE PRIEURE, F-27110 LE NEUBOURG, FRANCE. France (72)Name of Inventor: 1)PARDONGE, JEAN-MARC
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fluid dispenser head (40) that is adapted to be assembled on a reservoir (10) containing said fluid, so as to dispense said fluid selectively by means of a dispenser member (20), such as a pump or a valve, that is actuated by said dispenser head (40), said dispenser head (40) including a dispenser orifice (41), said dispenser head (40) including a film (50) that incorporates bactericidal and/or bacteriostatic agents, said film (50) being arranged in the proximity of said dispenser orifice (41).

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISTRIBUTION HEAD FOR A DEVICE FOR DISTRIBUTING A FLUID PRODUCT

 (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 	:B05B 11/00 :09 57337 :20/10/2009 :France :PCT/FR2010/052235 :20/10/2010 :WO 2011/048330 :NA :NA	(71)Name of Applicant: 1)VALOIS S.A.S. Address of Applicant: B.P.G, LE PRIEURE, F-27110 LE NEUBOURG, FRANCE. France (72)Name of Inventor: 1)PARDONGE, JEAN-MARC
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dispenser head for a fluid dispenser device, the head including a hollow body (30, 130, 230) that defines a fluid passage between an inlet orifice (32, 132, 232) and a spray orifice (31, 131, 231); vibration generator means (40, 140, 240) being arranged in said passage upstream from said spray orifice (31, 131, 231), said vibration generator means (40, 140, 240) being actuated while fluid is passing so as to spray said fluid finely through said spray orifice (31, 131, 231).

No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD SYSTEM AND SIGNALING GATEWAY FOR ENABLING MESSAGE INTERCOMMUNICATION BETWEEN GSM AND CDMA

(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 :N	PCT/CN2010/072893 18/05/2010 NA NA NA NA	Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)LI Zhengxiang;
* *	NA	

(57) Abstract:

The disclosure discloses a method, a system and a signaling gateway for enabling message intercommunication between a Global System for Mobile Communications (GSM) network and a Code Division Multiple Access (CDMA) network. The method comprises: setting a GSM-CDMA (GC) signaling gateway in a service processor of a CDMA short message service center; during processing a message from the GSM network to the CDMA network, a GSM short message service center sending a mobile terminated request message to the GC signaling gateway, and the GC signaling gateway converting a GSM message into a CDMA message according to the mobile terminated request message and sending the converted CDMA message to a target CDMA subscriber; and, during processing a message from the CDMA network to the GSM network, a CDMA service processor converting a CDMA message into a GSM message and sending the converted GSM message to a target GSM subscriber. The disclosure enables service control more flexible and function extension more convenient by using the service processor to enable GC intercommunication via the NO. 7 signaling.

No. of Pages: 42 No. of Claims: 14

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND PROGNOSIS OF CERVICAL INTRAEPITHELIAL NEOPLASIA AND CERVICAL CANCER

 (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 	:A61K :PCT/CN2009/000895 :07/08/2009 :China :PCT/CN2010/001202 :06/08/2010 : NA :NA :NA :NA	Address of Applicant: 18 Life Science Parkway Changping District Beijing 102206 People TM s Republic of China China 2)TSINCHIA UNIVERSITY
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(57) Abstract:

The invention provides methods and compositions for the diagnosis and prognosis of cervical intraepithelial neoplasia and cervical cancer. The methods comprise the step of determining the expression levels or genetic status of specific miRNAs.

No. of Pages: 74 No. of Claims: 38

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: GAS HEAT EXCHANGER, IN PARTICULAR FOR THE EXHAUST GASES OF AN ENGINE

(51) T 1 1 10"	E001 / 05 /05	
(51) International classification	:F02M 25/07	(71)Name of Applicant :
(31) Priority Document No	:P200930689	1)VALEO TERMICO, S.A.
(32) Priority Date	:14/09/2009	Address of Applicant :CTRA. DE LOGRONO, KM. 8,9, E-
(33) Name of priority country	:Spain	50011 ZARAGOZA Spain
(86) International Application No	:PCT/EP2010/063408	(72)Name of Inventor:
Filing Date	:13/09/2010	1)EVA TOMAS HERRERO
(87) International Publication No	:WO 2011/029940	2)SILVIA GUILLEN LAMBEA
(61) Patent of Addition to Application	.N. A	3)BENJAMIN GRACIA LAZARO
Number		
Filing Date	:NA	
•	NIA	
	:NA	
Filing Date	:NA	
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:Spain :PCT/EP2010/063408 :13/09/2010 :WO 2011/029940 :NA :NA	50011 ZARAGOZA Spain (72)Name of Inventor: 1)EVA TOMAS HERRERO 2)SILVIA GUILLEN LAMBEA

(57) Abstract:

The invention relates to a gas heat exchanger, in particular for the exhaust gases of an engine. It comprises a first part (2) arranged at the inlet for the gases, which is made of a first metal, and a second part (3) arranged following the said first part (2) along the gas stream, which is made of a second metal having a melting temperature lower than that of the said first part (2), wherein the said first part (2) is capable of reducing the temperature of the gases before they pass through the said second part (3). Preferably, the first part (2) is made of stainless steel and the second part (3) is made of aluminum. A heat exchanger is obtained which has the advantages of combining stainless steel and aluminum and of maintaining suitable efficiency and costs.

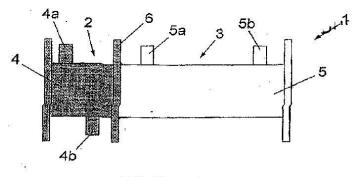


FIG. 1

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SURGICAL DELIVERY DEVICE AND METHOD OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61F 2/24 :61/238,063 :28/08/2009 :U.S.A. :PCT/US2010/047020 :27/08/2010	(71)Name of Applicant: 1)3F THERAPEUTICS, INC. Address of Applicant: 3905 ANNAPOLIS LANE, SUITE 105, PLYMOUTH, MINNESOTA 55447, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/025970 :NA :NA :NA :NA	1)ANDRZEJ M. MALEWICZ 2)DAVID E. ELIZONDO 3)MATTHEW W. WESTON

(57) Abstract:

A delivery device for a stented heart valve comprises a handle, an elongate shaft extending from a distal end of the handle, and a conical housing having a proximal end coupled to the elongate shaft and an open distal end, the conical housing having a conical lumen therein with a first internal diameter adjacent to the proximal end of the conical housing and a larger second internal diameter adjacent to the open distal, end of the conical housing.

No. of Pages: 74 No. of Claims: 38

(21) Application No.2119/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR THE MANUFACTURING OF A LOW SHRINKAGE FLEDXIBLE SHEET

(51) International classification	:B32B 27/12	(71)Name of Applicant:
(31) Priority Document No	:09172806.3	1)DSM IP ASSETS B. V.
(32) Priority Date	:12/10/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE
(33) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS, Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/065291	1)WIENKE, DIETRICH
Filing Date	:12/10/2010	2)MARISSEN, ROELOF
(87) International Publication No	:WO 2011/045325	3)JACOBS, MARTINUS JOHANNES NICOLAAS
(61) Patent of Addition to Application	:NA	4)WELZEN, LEONARDUS JACOBUS JOHANNUS
Number		WILHELMUS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for the manufacturing of a low shrinkage flexible sheet, said sheet comprising a fabric containing polyolefin fibers, said method comprising the steps of: a) depositing a molten plastomer layer on at least one surface of the woven fabric to form a sheet having a thickness approximately equal with the sum of the thicknesses of said molten plastomer layer and of said fabric; and b) impregnating said fabric with at least part of the molten plastomer layer by drawing the sheet into a gap between two calendaring rollers at a temperature of between the melting temperature of the plastomer and the melting temperature as determined by DSC of the polyolefin fibers, said gap having a width smaller than the thickness of the sheet; wherein the width of the gap is chosen to apply an impregnation pressure on the sheet of at least 20 bars.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1977/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A SERVER FOR PROVIDING A UNIT KEY

(51) International classification	:G06F 12/14	(71)Name of Applicant:
(31) Priority Document No	:P2003-293308	1)SONY CORPORATION
(32) Priority Date	:14/08/2003	Address of Applicant :7-35, KITASHINAGAWA 6-CHOME,
(33) Name of priority country	:Japan	SHINAGAWA-KU, TOKYO 141-0001, JAPAN, Japan
(86) International Application No	:PCT/JP200/011476	(72)Name of Inventor:
Filing Date	:10/08/2010	1)YOSHIKAZU TAKASHIMA
(87) International Publication No	:WO 2005/017756	2)TOMOYUKI ASANO
(61) Patent of Addition to Application	:NA	3)SATOSHI KITANI
Number	:NA	4)KATSUMI MURAMATSU
Filing Date	.IVA	5)JUN YONEMITSU
(62) Divisional to Application Number	:430/DELNP/2006	6)KENJIRO UEDA
Filed on	:24/01/2006	

(57) Abstract:

A server for providing a unit key to be applied to decryption of content to a reproducing apparatus for reproducing content stored in an information recording medium, comprising: a database storing a unit key corresponding to a content management unit (411); an authentication processing section for authenticating said reproducing apparatus; and a data processing section (824) for providing said unit key upon successful authentication in said authentication processing section.

No. of Pages: 226 No. of Claims: 2

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HARDWARE RESOURCE MANAGEMENT WITHIN A DATA PROCESSING 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 	:23/08/2010 :WO 2011/048395 :NA :NA	(71)Name of Applicant: 1)ARM LIMITED Address of Applicant:110 FULBOURN ROAD, CHERRY HINTON, CAMBRIDGE, CAMBRIDGESHIRE CB1 9NJ, UNITED KINGDOM U.K. (72)Name of Inventor: 1)MICHAEL JOHN WILLIAMS 2)STUART DAVID BILES
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A processor (6) is provided with a plurality of hardware resources, such as performance monitors (12) and context pointers (18). Boundary indicating circuitry (14,20) stores a boundary value which is programmable and which indicates a bound—ary position dividing the hardware resources into a first portion and a second portion. Resource control circuitry (16, 22) controls access to the hardware resources such that when program execution circuitry (8) is executing a first program it is responsive to a query as to how many off said plurality of hardware resources are present to return a first value whereas when the program execu—tion circuitry is executing a second program it responds to such a query by returning a value corresponding to those hardware re—sources within the second portion.

No. of Pages: 38 No. of Claims: 26

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHODS OF TREATING CANCER USING GROWTH FACTOR RETARGETED ENDOPEPTIDASES

 (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 	:A61K 38/00 :61/233 947	(71)Name of Applicant: 1)ALLERGAN, INC. Address of Applicant:2525 DUPONT DRIVE, IRVINE, CA 92612, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BIRGITTE P.S. JACKY 2)PATTON E. GARAY 3)YANIRA MOLINA 4)DEAN G. STATHAKIS 5)JOSEPH FRANCIS 6)KEI ROGER AOKI 7)ESTER FERNANDEZ-SALAS 8)LANCE E. STEWARD 9)SANJIV GHANSHANI 10)TERRENCE J. HUNT
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(57) Abstract:

The present specification discloses TVEMPs, compositions comprising such TVEMPs and methods of treating cancer in a mammal using such TVEMP compositions.

No. of Pages: 290 No. of Claims: 15

(21) Application No.2115/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CENTRIFUGAL WET-TYPE AIR CLEANER

(51) International classification	:B65H	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0075461	1)Jang-shik YUN
(32) Priority Date	:14/08/2009	Address of Applicant :#2506 Kukje Green Apartment 94-2
(33) Name of priority country	:Republic of Korea	Dadai-2 dong Saha-gu Busan 604-754 Korea Republic of Korea
(86) International Application No	:PCT/KR2010/005190	(72)Name of Inventor:
Filing Date	:08/08/2010	1)Jang-shik YUN
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a centrifugal wet-type air cleaner with a centrifugal fan for generating vortex flow directly with the rotating torque of its blade whereby pollutions can be eliminated centrifugally by creating a depressed pressure chamber (depressurized room) on the basis of the aqua viscosity of water mist. The centrifugal wet-type air cleaner comprises: a centrifugal impeller for generating vortex flow with suction air and water; an annular vortex chamber installed inside the body of the air cleaner; a liquid tank for retaining washing water; a spray chamber for spraying the washing water; a water filter installed inside the liquid tank for recirculation of clean water

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : IMPROVED SPIROMETER APPARATUS AND METHODS USEFUL IN CONJUNCTION THEREWITH

 (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 	:12/08/2010 : NA :NA :NA	(71)Name of Applicant: 1)LUNGTEK LTD. Address of Applicant :c/o Linom Ltd. Beit Hapa TM amon 20 Hata TM as Street 44425 Kfar Saba Israel. Israel (72)Name of Inventor: 1)Nir SHAVIT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Spirometer apparatus comprising main inhale-exhale tube having first end main interior and second open end a plurality of smaller tubes intersecting said main-inhale exhale tube at first and second respective locations and having a plurality of smaller interiors respectively the first location being closer to the first end than is the second location wherein each of the smaller interiors are in fluid communication with the main interior solely via at least one aperture formed in each of the intersecting tubes at locations facing said second end the intersecting tubes having first and second external cross-sections the main tube having first and second internal cross-sections wherein said first external cross-section is smaller than said first external cross-section is smaller than said second internal cross-section and wherein said second external cross-section is smaller than said first external cross-section and a differential pressure sensor sensing the pressure drop.

No. of Pages: 44 No. of Claims: 19

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : ANTISEPTIC PHARMACEUTICAL COMPOSITION FOR ORAL HYGIENE AND THE TREATMENT OF ORAL DISEASES OF MICROBIAL ORIGIN

(51) International classification	:A61K 8/22	(71)Name of Applicant :
(31) Priority Document No	:1747-2009	1)TOMAS BERNARDO GALVAN GONZALEZ
(32) Priority Date	:20/08/2009	Address of Applicant :OBISPO ORREGO N° 678, NUNOA,
(33) Name of priority country	:Chile	SANTIAGO, CHILE Chile
(86) International Application No	:PCT/CL2010/000030	(72)Name of Inventor:
Filing Date	:19/08/2010	1)TOMAS BERNARDO GALVAN GONZALEZ
(87) International Publication No	:WO 2011/020206	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The invention relates to a polyantiseptic antimicrobial pharmaceutical composition for oral use, for the hygiene and treatment of oral diseases of bacterial, mycotic or viral etiology, for over-the-counter sale, without contraindications. Said composition does not contain phenolic or chlorophenolic compounds, and consists of a mixture of hydrogen peroxide, eugenol, natural camphor, zinc sulphate, sodium fluoride, xylitol, cetylpyridinium chloride and excipients. Said formulation is used to deodorise, disinfect, astringe and soothe inflammation of the oral area, avoids the neoformation of bacterial plaque, prevents tooth cavities, inhibits the formation of dental tartar, improves the resistance of teeth to cavities, and treats and prevents oral aphthous ulcers. It is also used to irrigate and treat periodontal bags, fistulae, abcesses, alveolitis, necrosis and pulp gangrene, to help to avoid oral diseases during orthodontic treatments, post-surgery of the mouth and in patients wearing fixed and detachable prostheses, and to relieve, cure or prevent oral diseases in patients undergoing radiotherapy or chemotherapy, hospitalised patients and terminally ill patients. Said composition is also a medicament for protecting the oral health of systemic patients, patients suffering from nutritional, endocrine, haematological, cardiovascular and psychosomatic disorders in addition to physically or mentally weakened patients or patients with genetic or hereditary alterations.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DATA ACCESS DEVICE, DATA ACCESS METHOD AND DATA ACCESS 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 	:G06F 12/00 :2009-250513 :30/10/2009 :Japan :PCT/JP2010/068568 :21/10/2010 :WO 2011/052467 :NA :NA :NA	(71)Name of Applicant: 1)NTT DATA CORPORATION Address of Applicant: 3-3, TOYOSU 3-CHOME, KOTO-KU, TOKYO 135-6033, JAPAN Japan (72)Name of Inventor: 1)JUNICHIROH HIROSE 2)TORU KAWASHIMA
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(57) Abstract:

Disclosed is a data access device provided with a sequence storage unit which stores in advance a sequence for accessing the data contained in each of the multiple data units stored in a data storage section. The data access device receives and stores in the data access request storage section multiple data access requests for any of the multiple stored data units, determines an execution sequence for the multiple stored data access requests that corresponds to the aforementioned sequence stored in the sequence storage unit, locks the data units to be accessed as per the data access requests, sequentially implements the data access requests in the determined execution sequence, and removes all the locks after implementing all of the stored data access requests.

No. of Pages: 42 No. of Claims: 5

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: LIGHTWEIGHT STEEL STRUCTURE WITH A DOUBLE CONTINUOUS BEAM

 (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 	:E04C 3/08 :200920171128.9 :20/08/2009 :China :PCT/CN2010/000172 :08/02/2010 :WO 2011/020283 :NA :NA	(71)Name of Applicant: 1)HSIEH, YINGCHUN Address of Applicant: NO. 16, LN. 132, HEZUO ST., FENGYUAN CITY, TAICHUNG COUNTRY, TAIWAN, P.R. CHINA China (72)Name of Inventor: 1)HSIEH, YINGCHUN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to lightweight steel structure with a structure of double continuous beam comprising structural beams (1) and structural columns/studs (2). The structural beams (1) consist of a pair of continuous beams, and the structural columns/studs (2) are located between the two continuous beams through positioning holes (4). Thereby the stability of a support structure of the lightweight steel structure is increased, and the supporting members of the lightweight steel for buildings can be connected conveniently.

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

(21) Application No.2122/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND COMPOSITION FOR TREATING ALZHEIMER-TYPE DEMENTIA

 (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 15/09 :61/272,382 :18/09/2009 :U.S.A. :PCT/US2010/002475 :13/09/2010 :WO 2011/034568 :NA :NA	(71)Name of Applicant: 1)CHASE PHARMACEUTICALS CORPORATION Address of Applicant:1825 K STREET NW, SUITE 520, WASHINGTON, DC 20006-1236, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CHASE, THOMAS, N. 2)CLARENCE-SMITH, KATHLEEN, E.
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(57) Abstract:

There is described a method for increasing the maximal tolerated dose and thus the efficacy of an acetyl choline esterase inhibitor (AChEI) in a patient suffering from an Alzheimer type dementia by decreasing concomitant adverse effects by administration of said AChEI in combination with a non-anticholinergic antiemetic agent, whereby an enhanced acetyl choline esterase inhibition in the CNS of said patient is achieved and alleviation of the symptoms of Alzheimer type dementia in said patient is thereby improved to a greater extent. The use of a non-anticholinergic antiemetic agent for the preparation of a pharmaceutical composition for the treatment of Alzheimer type dementia in combination with an acetyl choline esterase inhibitor (AChEI) and pharmaceutical compositions comprising (a) a 5HT3 receptor antagonist, a dopamine antagonist, a H1-receptor antagonist, a cannabinoid agonist, aprepitant or casopitant as an antiemetic agent and (b) an acetylcholine esterase inhibitor are also described

No. of Pages: 52 No. of Claims: 23

(21) Application No.170/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOVEL FUNCTIONAL FOOD SUPPLEMENT FOR USE AS ADJUVANT THERAPY IN THE PREVENTION OF OXIDATIVE STRESS AND ASSOCIATED DISORDERS

(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,NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DHAN PRAKASH
(87) International Publication No	:NA	2)CHARU GUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The present invention relates to a polyphenol enriched functional food composition with synergistically enhanced antioxidant, free radical scavenging and anti-mutagenic activities suitable as adjuvant therapy in the prevention of oxidative degeneration and in promotion of general human health and a method for preparation thereof. The composition comprises free radical scavenging effect of polyphenols enriched antioxidants derived from fruits of Protium serratum (Indian Red Pear, Family Burseraceae) and fruit pericarp of Punica granatum (Pomegranate, Family Lythraceae) fortified with ascorbic acid (vitamin C). The polyphenol enriched product is of significant importance for use as nutraceuticals, functional foods, designer or medical foods to provide protection against oxidative stress including protection of DNA damage caused by reactive oxygen species (ROS).

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SERVER AND METHOD, NON-TRANSITORY COMPUTER READABLE STORAGE MEDIUM, AND MOBILE CLIENT TERMINAL AND METHOD

(51) International classification	:H04M 11/00	(71)Name of Applicant:
(31) Priority Document No	:2009-212083	1)SONY CORPORATION
(32) Priority Date	:14/09/2009	Address of Applicant :1-7-1, KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO 108-0075, JAPAN Japan
(86) International Application No	:PCT/JP2010/005467	(72)Name of Inventor:
Filing Date	:06/09/2010	1)SHINOCHIRO ABE
(87) International Publication No	:WO 2011/030533	2)SHIGERU ARISAWA
(61) Patent of Addition to Application	:NA	3)TAKASHI USUI
Number	:NA	4)SEIJI ESAKA
Filing Date	.IVA	5)SHUHEI SONODA
(62) Divisional to Application Number	:NA	6)MASAYUKI TAKADA
Filing Date	:NA	7)HIROYUKI YAMASUGE

(57) Abstract:

Systems and methods for operating in connection with mobile devices are described. The mobile devices may move between online and offline areas. In some instances, a prediction may be made as to when a mobile device will enter an offline area. The prediction may be based on sensor information. Data or a key may be transferred to the mobile device prior to entering the offline area.

No. of Pages: 60 No. of Claims: 20

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD FOR CONTROLLING AND OPERATING A PRODUCTION CELL, AND A CONTROL DEVICE

(32) Priority Date :08/10/2 (33) Name of priority country :German (86) International Application No Filing Date :24/09/2	1)NETSTAL MASCHINEN AG Address of Applicant :TSCHACHENSTRASSE, CH-8752 NAEFELS, SWITZERLAND Switzerland (72)Name of Inventor :
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(57) Abstract:

The present invention relates to a device and to a method for controlling and operating a producti¬on cell including at least a part of the peripheral equip¬ment associated herewith. Machine sequences based on machine control components that are part of a domain model are established, managed, and executing using a domain language. For a free configurability of machine control components, it is proposed to select a machine control component from a number of predetermined com¬ponent types, to assign an admissible technology from a number of technologies to a machine control component, wherein for each technology of a component type a logic is stored, which comprises and defines the interfaces re¬quired for the machine control component and the techno¬logy, and to connect the connection interfaces of the ma¬chine control component to hardware inputs and outputs of existing connections of the production cell.

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTI-TRANSGENIC PIGS FOR DIABETES 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 	:C12N :61/234,150 :14/08/2009 :U.S.A. :PCT/US2010/045665 :16/08/2010 : NA :NA :NA	(71)Name of Applicant: 1)Revivicor Inc. Address of Applicant:1700 Kraft Drive Suite 2400 Blacksburg VA 24060 United States of America. U.S.A. (72)Name of Inventor: 1)AYARES David
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides certain animals and in particular porcine animals tissue and cells derived from these which lack any expression of functional alpha 1 3 galactosyltransferase ($\hat{I}\pm GT$) and express one or more additional transgenes which make them suitable donors for pancreatic islet xenotransplantation. Methods of treatment and prevention of diabetes using cells derived from such animals are also provided.

No. of Pages: 135 No. of Claims: 54

(21) Application No.2118/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : PROCESS FOR PRODUCING CYSTEINE AND/OR GLUTATHIONE FROM CYSTINE EMPLOYING YEAST

:C12P 13/12	(71)Name of Applicant :
:09171678.7	1)DSM IP ASSETS B. V.
:29/09/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE
:EUROPEAN	HEERLEN, THE NETHERLANDS, Netherlands
UNION	(72)Name of Inventor:
:PCT/EP2010/064309	1)NOORDAM, BERTUS
:28/09/2010	
:WO 2011/039156	
.NI A	
:NA	
:NA	
:NA	
	:09171678.7 :29/09/2009 :EUROPEAN UNION :PCT/EP2010/064309 :28/09/2010 :WO 2011/039156 :NA :NA

(57) Abstract:

The invention provides a process for the conversion of cystine to cystein and/or glutathione comprising contacting cystine with a microorganism. The invention also relates to a yeast extract comprising at least 1.8 mg/g cystein and a yeast autolysate comprising at least 1.3 mg/g cystein.

No. of Pages: 14 No. of Claims: 12

(21) Application No.10446/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CUTTING DEVICE

(51) International classification (31) Priority Document No	:B23D23/00,B23D29/00 :10 2012 105 383.9	(71)Name of Applicant: 1)GUSTAV KLAUKE GMBH
(32) Priority Date	:21/06/2012	Address of Applicant : Auf dem Knapp 46 42855 Remscheid
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/061965	(72)Name of Inventor:
Filing Date	:11/06/2013	1)FRENKEN Egbert
(87) International Publication No	:WO 2013/189774	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Cutting device (1) comprising a retaining head (2) and cutting tools (3, 4) which are arranged in the retaining head (2) can be moved relative to each other along a cutting plane (S) are arranged in the retaining head (2) in such a way that the cutting tools can be removed are offset from one another transverse to the cutting plane (S) and can be moved past each other and form cutting edges (7, 8) on edges of the end faces (10, 11) of the cutting tools that face each other and are opposite each other in the direction of travel (R). Furthermore one cutting tool (3, 4) has a supporting part (14) that is laterally offset from the cutting plane (S) and forms a supporting surface (15) which has an opening in a direction opposite a recess (12, 13). The supporting part (14) is formed on the stationary cutting tool (3) and both contact surfaces (18, 19) are designed with engagement projections (20, 21) which are directed toward each other and project into the interior of a contour of the contact surfaces (18, 19) that is substantially semicircular and extends in the cutting direction everywhere else.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COPPER ALLOY AND COPPER ALLOY MANUFACTURING 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 	:C22C 9/00 :2009-206247 :07/09/2009 :Japan :PCT/JP2010/065131 :03/09/2010 :WO 2011/027858 :NA :NA :NA	(71)Name of Applicant: 1)SHIROGANE CO., LTD. Address of Applicant:1-5-32 CHUO, NASUKARASUYAMA-SHI, TOCHIGI-KEN, JAPAN Japan 2)UNIVERSITY OF TSUKUBA (72)Name of Inventor: 1)YOSHIHITO IJICHI 2)KENICHI OHSHIMA
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(57) Abstract:

A copper alloy having an electrical resistivity lower than those of current copper alloys and a tensile strength higher than those of current copper alloys and a method of manufacturing such a copper alloy are provided. The copper alloy is produced by adding a predetermined amount of carbon to a molten copper in a high-temperature environment of a temperature in the range of 1200°C to 1250°C such that the copper alloy has a carbon content in the range of 0.01% to 0.6% by weight.

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

(21) Application No.2052/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: NON-ORIENTED ELECTRICAL STEEL 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 	:C22C 38/00 :2009-203806 :03/09/2009 :Japan :PCT/JP2010/064373 :25/08/2010 :WO 2011/027697 :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant:6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN, Japan (72)Name of Inventor: 1)TAKESHI KUBOTA
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(57) Abstract:

A non-oriented electrical steel sheet contains 2.8 mass% or more and 4.0 mass% or less of Si, 0.2 mass% or more and 3.0 mass% or less of Al, and 0.02 mass% or more and 0.2 mass% or less of P. The non-oriented electrical steel sheet contains further contains 0.5 mass% or more in total of at least one kinds selected from a group consisting of 4.0 mass% or less of Ni and 2.0 mass% or less of Mn. A C content is 0.05 mass! or less, a N content is 0.01 mass% or less, an average grain diameter is 15 urn or less, and a axial density is 6 or larger.

No. of Pages: 23 No. of Claims: 4

(21) Application No.2120/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MODIFIED VASOACTIVE INTESTINAL PEPTIDES

(51) International classification	:A61K 38/00	(71)Name of Applicant:
(31) Priority Document No	:61/234,151	1)PHASEBIO PHARMACEUTICALS, INC.
(32) Priority Date	:14/08/2009	Address of Applicant :ONE GREAT VALLEY PARKWAY,
(33) Name of priority country	:U.S.A.	SUITE 30, MALVERN, PENNSYLVANIA 19355, UNITED
(86) International Application No	:PCT/US2010/045605	STATES OF AMERICA U.S.A.
Filing Date	:16/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/020091	1)SADEGHI, HOMAYOUN
(61) Patent of Addition to Application	:NA	2)TURNER, ANDREW
Number	:NA	3)DAGHER, SUZANNE
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides modified Vasoactive Intestinal Peptides (VIPs), encoding polynucleotides and vectors, as well as pharmaceutical compositions comprising the same. The invention further provides methods of making and using the modified VIP agents. In accordance with the invention the VIP exhibits an extended circulatory half-life, receptor-binding or biological potency, and/or altered receptor binding profile with respect to unmodified VIP.

No. of Pages: 83 No. of Claims: 43

(21) Application No.2121/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PREPARATION OF ALPHA-KETOPIMELIC ACID

(51) International classification	:C12P 7/50	(71)Name of Applicant:
(31) Priority Document No	:09170078.1	1)DSM IP ASSETS B. V.
(32) Priority Date	:11/09/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE
(22) Name of missites assessed	:EUROPEAN	HEERLEN, THE NETHERLANDS, Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/NL2010/050573	1)RAEMAKERS-FRANKEN, PETRONELLA
Filing Date	:10/09/2010	CATHARINA
(87) International Publication No	:WO 2011/031146	2)TREFZER, AXEL CHRISTOPH
(61) Patent of Addition to Application	.NTA	3)VERMOTE, LINDA
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for preparing alpha-ketopimelic acid, comprising converting 2-hydroxyheptanedioic acid into alpha-ketopimelic acid, which conversion is catalysed using a biocatalyst. Further, the invention relates to a heterologous cell, comprising a nucleic acid sequence encoding an enzyme having catalytic activity in the conversion of 2-hydroxyheptanedioic acid into alpha-ketopimelic acid. Further, the invention relates to the use of a heterologous cell according to the invention in the preparation of caprolactam, diaminohexane or adipic acid.

No. of Pages: 450 No. of Claims: 20

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PURIFICATION OF VWF FOR INCREASED REMOVAL OF NON-LIPID ENVELOPED VIRUSES

(51) International classification	:C07K 14/755	(71)Name of Applicant:
(31) Priority Document No	:61/235,570	1)BAXTER INTERNATIONAL INC.
(32) Priority Date	:20/08/2009	Address of Applicant :ONE BAXTER PARKWAY,
(33) Name of priority country	:U.S.A.	DEERFIELD, ILLINOIS 60015, U.S.A. U.S.A.
(86) International Application No	:PCT/	2)BAXTER HEALTHCARE S.A.
Filing Date	US2010/046180	(72)Name of Inventor:
Timing Date	:20/08/2010	1)ARTUR MITTERER
(87) International Publication No	:WO	2)MEINHARD HASSLACHER
(87) International Laboration No	2011/022022657	3)CHRISTA MAYER
(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 methods for purifying Von Willebrand factor (VWF) for increased removal of non-lipid enveloped viruses.

No. of Pages: 62 No. of Claims: 15

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND APPARATUS FOR EVALUATING VALUES REPRESENTING A MASS OR A CONCENTRATION OF A SUBSTANCE PRESENT WITHIN THE BODY OF A PATIENT

(51) International classification	:A61M 5/172	(71)Name of Applicant:
(31) Priority Document No	:09011550.2	1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
(32) Priority Date	:09/09/2009	Address of Applicant :ELSE-KRONER-STR. 1, 61352 BAD
(33) Name of priority country	:EPO	HOMBURG (DE) Germany
(86) International Application No	:PCT/EP2010/005480	(72)Name of Inventor:
Filing Date	:07/09/2010	1)CHAMNEY, PAUL
(87) International Publication No	:WO 2011/029569	2)MOISSL, ULRICH
(61) Patent of Addition to Application	:NA	3)WABEL, PETER
Number		4)VELASCO, NESTOR
Filing Date	:NA	5)NIER, VOLKER
(62) Divisional to Application Number	:NA	6)WIESKOTTEN, SEBASTIAN
Filing Date	:NA	
(57) 11		1

(57) Abstract:

The present invention relates to a method for evaluating a value representing the mass or the concentration of a substance comprised by a tissue or a bodily fluid of a patient, comprising the steps of a) determining a relation between one or more calculated or measured value(s) reflecting the mass or the concentration and a distribution space of the patient or an approximation thereof, and b) assessing whether the relation fulfils a criterion. It relates further to a controller, an apparatus and a device for carrying out the invention, further to digital storage means, a computer program product, and a computer program. Fig 1A

No. of Pages: 38 No. of Claims: 27

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DEVICE FOR DIALYSIS TREATMENT AND METHOD FOR BALANCING FRESH AND USED DIALYSIS LIQUID

 (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 	:A61M 1/16 :10 2009 043 284.1 :29/09/2009 :Germany :PCT/EP2010/005826 :23/09/2010 :WO 2011/038858 :NA :NA	(71)Name of Applicant: 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant: ELSE-KRONER-STRASSE 1, BAD HOMBURG V.D.H. 61352 (DE) Germany (72)Name of Inventor: 1)WEIS, MANFRED 2)LAUER, MARTIN 3)KREBER, STEFAN
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(57) Abstract:

The invention relates to a device for dialysis treatment which has means (12) for balancing fresh and used dialysis liquid. Furthermore, the invention relates to a method for balancing fresh and used dialysis liquid. The device according to the invention for dialysis treatment and the method according to the invention for balancing fresh and used dialysis liquid are characterized in that the individual balancing chambers (A, B, C, D) of the balancing system hold both fresh dialysis liquid and used dialysis liquid, the functions of the chambers being interchanged alternately. As a result, exact balancing can be achieved even when the volumes of the individual chambers differ from one another. Over the entire treatment period, the deviations between the volumes balance one another out because of the cyclic interchanging of the chambers. Fig. 1

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

(21) Application No.2127/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: ADAPTING APPARATUS 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 	:H04B 10/00 :200910166113.8 :12/08/2009 :China :PCT/CN2010/072007 :21/04/2010 :WO 2011/017937 :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN, GUANGDONG PROVINCE 518057, P.R. CHINA China (72)Name of Inventor: 1)GANG XIE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention discloses an adapting apparatus and method, the apparatus comprises: an adapter pool, wherein the adapter pool is located between an optical data unit (OD'Uk) layer and an optical channel (OCh) layer, and the adapter pool comprises one or more adapters which are respectively connected to an OCh layer link and an ODUK layer link; the information that the adapter pool used for managing comprises: information for indicating connectivity of the adapter with the OCh layer link and with the ODUk layer link, and information for indicating an adapter capability of the adapter. 'The adapting information between MRNs can be described more accurately through the present invention, and the correctness of the route calculation results is guaranteed.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FILTER BLOOD FLUID CHANNEL METHODS, DEVICES AND SYSTEMS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01D 24/00 :61/242,322 :14/09/2009 :U.S.A.	(71)Name of Applicant: 1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK Address of Applicant: 412 LOW MEMORIAL LIBRARY,
 (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 		535 WEST 116TH STREET, MAIL CODE 4308, NEW YORK, NY 10027, U.S.A. U.S.A. (72)Name of Inventor: 1)JOHN HOWARD 2)EDWARD F. LEONARD 3)THOMAS QIN

(57) Abstract:

A risk of thrombogenesis is minimized in a tubular fiber membrane filter by flowing blood or other fluid through a header mani¬fold that ensures a minimum shear rate on the wetted surfaces without flow reversal, stagnation volumes, or a shear rate that is too high. In an embodiment, fluid is conveyed into a header space and into a manifold face at a perimeter of the header space. The header space has a progres¬sively decreasing clearance that is minimal to provide for substantial shear rate and decreasing toward a minimum clearance in a region that is remote from the perimeter and vented by openings to the micro tubularmembrane fibers. Other features and embodiments are described.

No. of Pages: 37 No. of Claims: 45

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: RADIATOR COOLING STRUCTURE FOR WATER-COOLED POWER UNIT

 (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 	:F01P 11/00 :NA :NA :NA :PCT/JP2009/065406 :03/09/2009 :WO 2011/027446 :NA :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN. Japan (72)Name of Inventor: 1)TERUHIDE YAMANISHI 2)NOBUTAKA HORII 3)RYUJI TSUCHIYA 4)KIYOTAKA IIZUKA
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(57) Abstract:

Disclosed is a radiator cooling structure for cooling a radiator 67 of a water-cooled power unit mounted on a small vehicle and disposed on a laterally outer side of the small vehicle, which radiator cooling structure improves the efficiency of cooling an internal combustion engine 16 by using a head wind. The radiator 67 is provided with a radiator cover 68 having a louver 69 for guiding cooling air to the radiator 67. The louver 69 is formed such that a rear part thereof is more protruded laterally outward than a front part thereof. The louver 69 of the radiator cover 68 has parallel slats 69a tilting forward, and a lower body cover 13A is provided with a cooling air intake opening 70 capable of guiding a head wind toward the louver 69 positioned obliquely above and rearward of the cooling air intake opening 70.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SOLID CORE GLASS BEAD SEAL WITH STIFFENING RIB

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number ST. LOUI (72) Name (73) ST. LOUI (74) Name (72) Name (73) Name (74) SCHU (75) Name (75) Name (76) Name (77) Name (77) Name (78) Name (78) Name (78) Name (79) N	ddress of Applicant: 8000 WEST FLORISSANT, AVENUE OUIS, MISSOURI 63136, U.S.A. U.S.A. Jame of Inventor: CHUCKMANN, SCOTT ANDENEYNDEN, BRIAN CHADKIKAR, PRASAD S. UN, JIAN AKNER, GABRIEL
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(57) Abstract:

A hermetic feed-through includes a housing body defining a hollow space, a plurality of conductive pins and a seal structure. The plurality of conductive pins extend through the hollow space. The seal structure is provided in the hollow space and includes a single-piece glass component. The single-piece glass component hermetically seals at least two conductive pins to the housing body and electrically insulates the at least two conductive pins from the housing body.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR THE SYNTHESIS OF FLUORINATED ETHERS OF AROMATIC ACIDS

 (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 	:C07C 51/41 :61/239,102 :02/09/2009 :U.S.A. :PCT/US2010/047632 :02/09/2010 :WO 2011/028872 :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. U.S.A. (72)Name of Inventor: 1)RITTER, JOACHIM, C. 2)MOLOY, KENNETH, G. 3)POLLINO, JOEL, M. 4)MAHAJAN, SURBHI
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(57) Abstract:

Fluorinated ethers of aromatic acids are produced from halogenated aromatic acids in a reaction mixture containing a copper (I) or copper (II) source and a diamine ligand that coordinates to copper. The fluorinated ethers of aromatic acids made using the process described herein can be applied to, e.g., fibers, yarns, carpets, garments, films, molded parts, paper and cardboard, stone, and tile to impart soil, water and oil resistance. By incorporating the fluorinated ethers of aromatic acids, or diesters thereof, into polymer backbones, more lasting soil, water and oil resistance, as well as improved flame retardance, can be achieved.

No. of Pages: 44 No. of Claims: 15

(21) Application No.2129/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM AND METHODS FOR GENERATING A BRIGHTFIELD IMAGE USING FLUORESCENT IMAGES

(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 :N	2/569,396 29/09/2009 J.S.A.	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA, U.S.A. (72)Name of Inventor: 1)ALI CAN 2)MICHAEL J. GERDES 3)MUSODIQ O. BELLO 4)QING LI
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(57) Abstract:

A method for generating a brightfield type image, which resembles a brightfield staining protocol of a biological sample, using fluorescent images is provided. The steps comprise acquiring two or more fluorescent images of a fixed area on a biological sample, mapping said fluorescent image into a brightfield color space, and generating a bright field image. Also provided is an image analysis system for generating a brightfield type image of a biological sample using fluorescent images.

No. of Pages: 25 No. of Claims: 17

(21) Application No.2130/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : GALLING-RESISTANT THREADED TUBULAR COMPONENT AND PROCESS FOR COATING SAID COMPONENT

(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 (51) International Classification Supplied Supp	(71)Name of Applicant: 1)VALLOUREC MANNESMANN OIL & GAS FRANCE Address of Applicant:54 RUE ANATOLE FRANCE, F- 59620 AULNOYE-AYMERIES, FRANCE France 2)SUMITOMO METAL INDUSTRIES, LTD. (72)Name of Inventor: 1)ELIETTE PINEL 2)ERIC GARD
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(57) Abstract:

A galling-resistant threaded tubular component tor drilling or operating hydrocarbon wells has at one of its ends (1; 2) a threaded zone (3; 4) produced on its external or internal peripheral surface depending on whether the threaded end is male or female in type, with at least one portion of the threaded zone (3; 4) being coated with a dry film with a crystalline structure with a high specific surface area principally constituted by one or more mineral salts which are not reactive towards metals. It also con¬cerns a process for coating such a component using a dry mineral film with a crystalline structure having a high specific surface area principally constituted by one or more mineral salts which the not reactive towards metals.

No. of Pages: 29 No. of Claims: 30

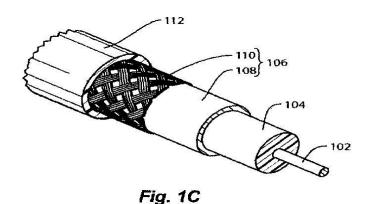
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CORROSION RESISTANT COAXIAL CABLE

(51) International classification	:H01B 7/28	(71)Name of Applicant:
(31) Priority Document No	:12/560,336	1)JOHN MEZZALINGUA ASSOCIATES, INC.
(32) Priority Date	:15/09/2009	Address of Applicant :LEGAL DEPARTMENT, 6176 EAST
(33) Name of priority country	:U.S.A.	MOLLOY RD., EAST SYRACUSE, NEW YORK 13057, U.S.A.
(86) International Application No	:PCT/US2010/048924	U.S.A.
Filing Date	:15/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/034913	1)AMATO, ALAO JOHN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Corrosion resistant coaxial cable. In one example embodiment, a method for manufacturing a coaxial cable includes various steps. First, a dielectric is extruded around a center conductor. Next, the dielectric is surrounded with an outer conductor. Then, a corrosion-inhibiting composition is applied to the outer conductor. Finally, the outer conductor is surrounded with a jacket. The corrosion-inhibiting composition includes a synthetic sulfonate salt dispersed in a paraffinic mineral oil. The synthetic sulfonate salt is present in the composition in an amount of from about 5% to about 10% by weight. The paraffinic mineral oil is present in the composition in an amount of from about 95% by weight.



No. of Pages: 21 No. of Claims: 20

(21) Application No.2093/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: THERMOPLASTIC POLYMER COMPOSITION

 (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 	:C08K 5/00 :12/579,686 :15/10/2009 :U.S.A. :PCT/US2010/052588 :14/10/2010 :WO 2011/047108 :NA :NA :NA	(71)Name of Applicant: 1)MILLIKEN & COMPANY Address of Applicant: 920 MILLIKEN ROAD, M-495 SPARTANBURG,L SOUTH CAROLINA 29303, U.S.A. U.S.A. (72)Name of Inventor: 1)DARIN L. DOTSON 2)ROBBIE WILLEM JOHAN M. HANSEEN 3)JIANNONG XU
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(57) Abstract:

A thermoplastic polymer composition comprises a thermoplastic polymer and a nucleating agent. The nucleating agent comprises a compound conforming to the structure of Formula (I) or Formula (II)

No. of Pages: 52 No. of Claims: 20

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: STEERING DEVICE FOR ARTICULATED 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 	:23/09/2010 :WO 2011/037531 :NA :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS HAGGLUNDS AKTIEBOLAG Address of Applicant:S-891 82 ORNSKOLDSVIK, SWEDEN. Sweden (72)Name of Inventor: 1)SVARDBY, SVERKER 2)FORSBERG, PATRIK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a steering device for mutually steering a first vehicle unit and a second vehicle unit of an articulated vehicle, which vehicle comprises a substantially vertical link shaft about which said vehicle units are pivotable, first and second steering elements arranged to mutually turn said vehicle units, wherein the steering device comprises a housing configuration arranged to form a supply space between said vehicle units. The invention also relates to an articulated vehicle with a steering device.

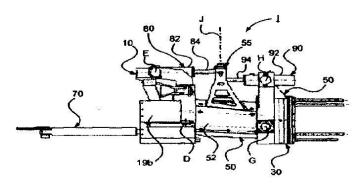


Fig. 2

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

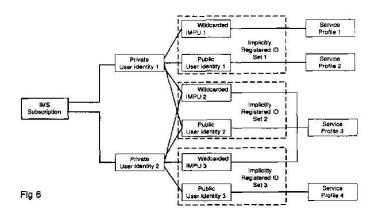
(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HANDLING OF PUBLIC IDENTITIES

Filing Date :10/11	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY Address of Applicant: KARAPORTTI 3, FI-02610 ESPOO, FINLAND. Finland (72)Name of Inventor: 1)SHEN, JIADONG
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(57) Abstract:

The invention relates to a subscriber data entity, method and a computer program product for defining a first record comprising a wildcarded public user identity covering plurality of public user identities of users, defining a second record comprising a public user identity of a user, wherein the public user identity belongs to the plurality of public user identities which the wildcarded public user identity covers and assigning the first record and the second record to the same registration set, wherein the registration set comprises public user identities to be registered together.



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

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMPLANT INTRAOCULAIRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61F 2/16 :0904353 :11/09/2009 :France :PCT/EP2010/063292 :10/09/2010	(71)Name of Applicant: 1)MEDICONTUR ORVOSTECHNIKAI KORLATOLT FELELOSSEGU TARSASAG Address of Applicant: TANCSICS MIHALY UTCA 22, ZZAMBEK, HUNGARY Hungary (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/029897 :NA :NA :NA :NA	1)GILLES BOS 2)LASZLO KONTUR 3)NANDOR TURKEVI- NAGY

(57) Abstract:

An intraocular implant (1) including an optical portion (2) and a haptic portion (3), the haptic portion comprising two diametrically opposite haptic systems (3a, 3b), characterized in that each of said haptic systems (3a, 3b) comprises two substantially identical haptics (4, 5) interconnected by their respective distal ends (4a, 5 a), the respective proximal ends (4b, 5b) of said two haptics (4, 5) being connected to said optical portion (2) via a stalk (6), the width of each of said haptics (4, 5) decreasing continuously all along the haptic toward said distal end (4a, 5a). (Figure for the abstract: figure 1)

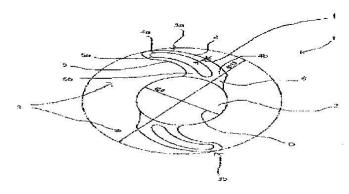


Fig.1

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

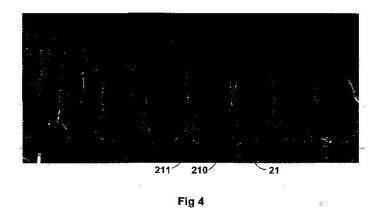
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HIGH-CONTRAST TIRE PATTERN AND METHOD FOR PRODUCING 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 	:09/09/2010 :WO 2011/036061	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 COURS SABLON F-63000 CLERMONT-FERRAND, FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)OLIVIER MUHLHOFF
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/036061 :NA :NA :NA :NA	(72)Name of Inventor: 1)OLIVIER MUHLHOFF 2)JEAN-CLAUDE DESVIGNES

(57) Abstract:

Tyre having a visible surface comprising patterns contrasting with said surface, said pattern comprising, over the entire surface thereof, a plurality of tufts (21) distributed with a density of at least five tufts per mm2 or a plurality of blades which are substantially parallel to one another and arranged with a pitch of less than 0.5 mm, each tuft having a mean cross section having a diameter of between 0.03 mm and 0.5 mm or each blade having a mean width of between 0.03 mm and 0.5 mm, characterized in that the walls of the tufts (21) or of the blades have, over at least one quarter of the area thereof, a mean roughness Rz of between 5 μ m and 30 μ m. Figure 4



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

(22) Date of filing of Application :05/03/2012

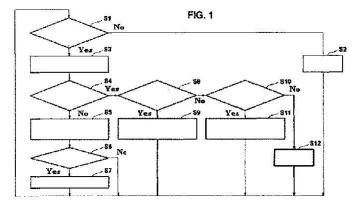
(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND DEVICE FOR IMPROVING THE RESTART OF A VEHICLE WITH START-STOP SYSTEM

(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 (33) Name of priority country (PCT/EP2010/062712 (72) Name of Inventor: 1) JAROS, ROLF 2) ROESNER, JULIAN **NA** **NA**	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:31/08/2010 :WO 2011/047916 :NA :NA :NA	1)JAROS, ROLF
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(57) Abstract:

Described herein is a method for improving a restart of a vehicle equipped with start-stop operation, comprising an exciter winding associated to a starter generator of the vehicle and a control unit by which control signals of an exciting current influenced by the exciter winding flows. The method includes, through the control unit, checking, during a presence of a restart request occurring during phasing out of the internal combustion engine, whether an immediate restart is possible and sensible, and in case of an immediate restart is possible and sensible, guiding the immediate restart in a path. Further, control signals are provided during the phasing out the internal combustion engine in a stop phase of the start-stop operation, due to which the exciter winding is applied with a pre-excitation current in the stop phase and delays restart when an immediate restart is not possible or not sensible.



No. of Pages: 14 No. of Claims: 12

(22) Date of filing of Application :05/03/2012

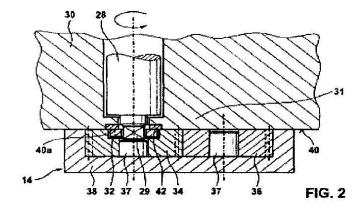
(43) Publication Date: 21/08/2015

(54) Title of the invention : GEAR FEED PUMP COMPRISING A DRIVING SHAFT, A DRIVING TOOTHED WHEEL, AND A DRIVEN TOOTHED WHEEL

 (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 	:F04C 2/16 :10 2009 029 293.4 :09/09/2009 :Germany :PCT/EP2010/060694 :23/07/2010 :WO 2011/0029657 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant:POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)FRANK, JOSEF
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(57) Abstract:

The present subject matter describes a gear feed pump (14) including a driving shaft (28), a driving toothed wheel (34), a driven toothed wheel (36), and a coupling element (32) between driving shaft (28) and driving toothed wheel (34). The coupling element (32) couples the driving toothed wheel (34) to the driving shaft (28). A housing section (31) includes a housing surface (40a) parallel to the toothed wheels (34, 36), which forms an axial bearing at least for the coupling element (32). The housing surface (40a) is formed on an insert (42) that is cast or pressed into the housing section (31).



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

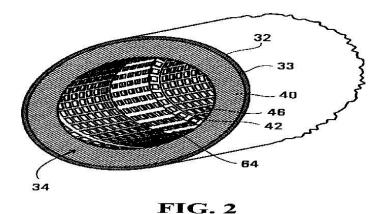
(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: EXHAUST SUBSYSTEM WITH POLYMER 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 	:F01N 13/8 :NA :NA :NA :PCT/CA2010/000403 :23/03/2010 :WO 2011/116447 :NA :NA	(71)Name of Applicant: 1)NOVO PLASTICS INC. Address of Applicant: 388 MARKLAND STREET, MARKHAM, ONTARIO L6C 1Z6, CANADA. Canada (72)Name of Inventor: 1)SIERRA BALJIT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle exhaust system includes a subsystem having an exterior pipe formed of a polymer. A rigid liner extends along the length of the exterior pipe and defines a passageway. A fiber insulating layer is formed between the rigid liner and the exterior pipe. The liner is formed to define at least one groove circumscribing the periphery of the passageway. The groove defines a region of increased volume of the exhaust passage along the length. The liner is further formed to define at least one void extending between the wall of the liner and the insulating layer, around the periphery of the passageway. A plurality of apertures in the liner, allow sound waves to pass from the passageway into the fiber insulating layer, and into the void.



No. of Pages: 39 No. of Claims: 25

(21) Application No.2167/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PHOTOVOLTAIC BACK CONTACT

 (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 	:H01L 31/00 :61/241,606 :11/09/2009 :U.S.A. :PCT/US2010/047971 :07/09/2010 :WO 2011/031666 :NA :NA	(71)Name of Applicant: 1)FIRST SOLAR, INC. Address of Applicant: 28101 CEDAR PARK BOULEVARD, PERRYSBURG, OH 43551, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)PRATIMA V. ADDEPALLI 2)JOHN S. DEEKEN 3)OLEH P. KARPENKO
Filing Date	:NA	

(57) Abstract:

A method to preparing CdTe surface before forming metal back contact is disclosed. The method can in¬clude removing carbon from CdTe surface.

No. of Pages: 18 No. of Claims: 55

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: STRUCTURAL ELEMENT FOR A MOTOR VEHICLE

Denvers	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant:INDUSTRIESTRASSE 20-30, 51399 BURSCHEID, GERMANY Germany
	(72)Name of Inventor:
	1)BERND GROSS
:16/09/2009	2)CHRISTIAN HUBSCH
:Germany	3)JOSHUA HESTERBERG
:PCT/EP2010/005667	4)DIRK ANGERMANN
:15/09/2010	5)DIRK ECKENROTH
:WO 2011/032691	6)STEFAN FUNK
:NA :NA :NA :NA	7)ANDREAS DANNHEISIG 8)HANS-GEORG WERNER 9)WOLFGANG PELLENZ 10)ROBIN NDAGIJIMANA 11)VIKAS WAYAL 12)PRAVEEN KOPARDE 13)YANIV OREN 14)MARTIN ZYNDA
	:PCT/EP2010/005667 :15/09/2010 :WO 2011/032691 :NA :NA

(57) Abstract:

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

^{1.} A structural element (100) for a motor vehicle, in particular a motor vehicle seat, wherein the structural element (100) has a first component (101) and a second component (102), wherein the first component (101) and the second component (102) have an interlocking or an interlocking and frictional connection'; in an overlapping region (103), characterized in that the connection in the overlapping region (600) can be produced by an electromagnetic pulse shaping method, wherein the first component (101) has at least one interlocking molding (600) in the overlapping region (103), wherein the second component (102) can be molded into said at least one interlocking molding (600).

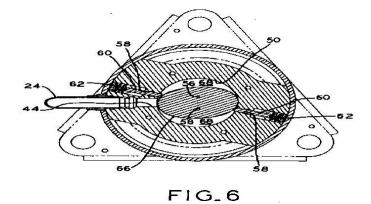
(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROTARY COMPRESSOR

 (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 	:61/246,319 :28/09/2009 :U.S.A. :PCT/US2010/050102 :24/09/2010 :WO 2011/038174 :NA :NA	(71)Name of Applicant: 1)TECUMSEH PRODUCTS COMPANY Address of Applicant:1136 OAK VALLEY DRIVE ANN ARBOR, MICHIGAN 48108 U.S.A. U.S.A. (72)Name of Inventor: 1)COFFEY, DONALD L. 2)LENZ, JAMES R.
1 (01110 01	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The eccentric on the crankshaft of a rotary compressor, as well as the roller that surrounds the crankshaft, is replaced by an elliptical cam that acts as a double eccentric. In this manner, the elliptical cam provides for proper balancing of the crankshaft and other components of the compressor, while eliminating the need to use counterweights. Specifically, the elliptical cam is symmetrical, resulting in equal forces acting on opposing sides of the elliptical cam. This allows the elliptical cam to maintain its balance throughout its rotation, even when operating at a high rate of revolution.



No. of Pages: 23 No. of Claims: 22

(22) Date of filing of Application :09/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: SWIRL ELEMENT, INLET VALVE, DEVICE AND METHOD FOR EVAPORATING OR DRIVING OUT HIGHLY VOLATILE SUBSTANCES OR GASES FROM LIQUIDS, AND USE OF THE SAME IN BREWING PROCESSES

(51) International classification	:B01D 19/00	(71)Name of Applicant :
(31) Priority Document No	:10 2009 040 962.9	1)KRONES AG
(32) Priority Date	:11/09/2009	Address of Applicant :BOHMERWALDSTRASSE 5, 93073
(33) Name of priority country	:Germany	NEUTRAUBLING (DE). Germany
(86) International Application No	:PCT/EP2010/005483	(72)Name of Inventor:
Filing Date	:07/09/2010	1)FEILNER, ROLAND
(87) International Publication No	:WO 2011/029571	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

For the first time, the present invention provides a swirl element (1) for an inlet valve (12; 112) of a brewing vessel (18; 118) for introducing a liquid, in particular a mash, a wort, a yeast suspension, a sparge water or the like into the brewing vessel (18; 118), in particular into a mash tun, a mash vat, a combined mash/wort tun, a combined mash/wort/stripping tun, a wort tun (220), a combined whirlpool tun, a whirlpool (320), a clarifying device, an evaporating vessel or the like, comprising at least one flow-directing element (8) by means of which an angular momentum can be imparted to the liquid flowing through the inlet valve (12; 112). Furthermore a like inlet valve (12; 112) is being proposed. In addition, an evaporating device (20; 120) comprising a brewing vessel (18; 118) is specified, also for evaporating and/or expulsing highly volatile substances or gases, in particular highly volatile flavor substances, DMS, carbon dioxide, oxygen or the like from the aforementioned liquids, wherein the brewing vessel (18; 118) comprises the swirl element (1) according to the invention and/or the inlet valve (12; 112) admitting the liquid. In addition a method for evaporating and/or expulsing highly volatile substances or gases from the aforementioned liquids in a brewing process is specified. Lastly, the present invention relates to the use of the swirl element (1) in a brewing process for evaporating and/or expulsing highly volatile substances or gases from liquids during their introduction into a brewing vessel (18; 118).

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

(22) Date of filing of Application :09/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: ANTI-OXIDANT COMPOSITION

 (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 	:A23B 5/14 :0918074.6 :15/10/2009 :U.K. :PCT/IB2010/054637 :13/10/2010 :WO 2011/045757 :NA :NA	(71)Name of Applicant: 1)DANISCO A/S Address of Applicant: LANGEBROGADE 1, DK-1001, COPENHAGEN K (DK). Denmark (72)Name of Inventor: 1)MANSSON, LARS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides an anti-oxidant composition comprising (a) an extract obtained from or obtainable from a plant of the Labiatae family, (b) an extractobtained from or obtainable from a plant of the genus Matricaria or of the genus Chamaemelum. Figure 1: Development of 2,4-heptadienal during 26 days of storage at 20°C

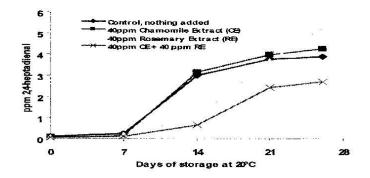


Figure 1: Development of 2.4-heptadienal during 26 days of storage at 20°C

No. of Pages: 44 No. of Claims: 30

(21) Application No.2175/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INLET PREMIXER FOR COMBUSTION 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 	:F02C 1/00 :61/241,940 :13/09/2009 :U.S.A. :PCT/US2009/066109 :30/11/2009 :WO 2011/ 031278 :NA :NA	(71)Name of Applicant: 1)LEAN FLAME, INC. Address of Applicant: 1823 JEFFERSON PLACE, NW, WASHINGTON, DC 20036 USA U.S.A. (72)Name of Inventor: 1)KENDRICK DONALD W.
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A premixer is provided for injecting premixed fuel-air mixture into the inlet of a combustion apparatus. In one embodiment, the premixer assembly comprises a plurality of concentric, aerodynamic injector rings, with radially-directed injection holes. The injection holes have a plurality of different diameters, facilitating good mixing over a broad power range. Due to configuration and hole sizes, the assembly is gas or liquid compatible. The radial, concentric injection formation allows for a short injection path.

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

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: USE OF METFORMIN IN CANCER TREATMENT AND PREVENTION

(51) International classification	:A61K 31/155	(71)Name of Applicant:
(31) Priority Document No	:61/236,778	1)PRESIDENT AND FELLOWS OF HARVARD
(32) Priority Date	:25/08/2009	COLLEGE
(33) Name of priority country	:U.S.A.	Address of Applicant :17 QUINCY STREET, CAMBRIDGE,
(86) International Application No	:PCT/US2010/046616	MASSACHUSETTS 02138, U.S.A. U.S.A.
Filing Date	:25/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/031474	1)STRUHL KEVIN
(61) Patent of Addition to Application	:NA	2)HIRSCH HEATHER
Number	:NA	3)ILIOPOULOS DIMITRIOS
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein is a method for treating a tumor in a subject in need thereof comprising administering an enhancing amount of metformin and a reduced amount of one or more chemotherapeutic agents. One example of an enhancing amount of metformin is about 250 mg/day. Also disclosed is a method for preventing cancer or delaying the recurrence of cancer in a subject comprising administering an effective amount of metformin to the subject. In one example of such a method, the amount of metformin is about 75 mg/day. Also disclosed is a composition comprising an enhancing amount of metformin, and a reduced amount of one or more chemotherapeutic agents and a pharmaceutically acceptable carrier. Kits comprising metformin and one or more chemotherapeutic agents are also disclosed.

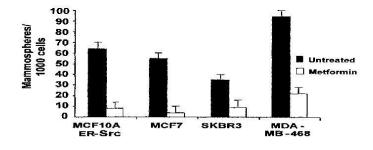


FIGURE 2

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

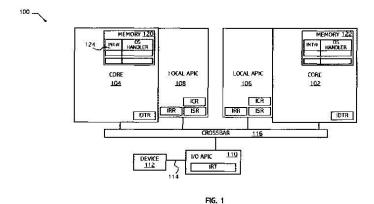
(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: USER-LEVEL INTERRUPT MECHANISM FOR MULTI-CORE ARCHITECTURES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F 9/48 :61/233,983 :14/08/2009 :U.S.A.	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES, INC. Address of Applicant: P.O. BOX 3453, ONE AMD PLACE, SUNNYVALE, CALIFORNIA 94088 U.S.A. U.S.A.
(86) International Application No Filing Date (87) International Publication No.	:PCT/US2010/044528 :05/08/2010 :WO 2011/019578	(72)Name of Inventor: 1)CHUNG, JAEWOONG
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2011/019578 :NA :NA	2)STRAUSS, KARIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method includes accepting for a first processor core of a plurality of processor cores in a multi-core system, a user-level interrupt indicated by a user-level interrupt message when an interrupt domain of an application thread executing on the first processor core and a recipient identifier of the application thread executing on the first processor core match corresponding fields in the user-level interrupt message.



No. of Pages: 35 No. of Claims: 18

(22) Date of filing of Application :09/03/2012

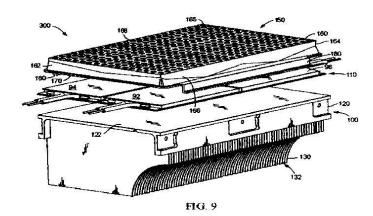
(43) Publication Date: 21/08/2015

(54) Title of the invention : THERMAL BLOCK ASSEMBLIES AND INSTRUMENTS PROVIDING LOW THERMAL NON-UNIFORMITY FOR RAPID THERMAL CYCLING

(51) International classification	:G06F 1/20	(71)Name of Applicant:
(31) Priority Document No	:61/239,012	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:01/09/2009	Address of Applicant :5791 VAN ALLEN WAY,
(33) Name of priority country	:U.S.A.	CARLSBAD, CALIFORNIA 92008 U.K. U.K.
(86) International Application No	:PCT/US2010/047573	(72)Name of Inventor:
Filing Date	:01/09/2010	1)WOJTOWICZ, JANUSZ
(87) International Publication No	:WO 2011/028834	2)DAHLHOFF, GEOFFREY
(61) Patent of Addition to Application	:NA	3)GRUNEWALD, DOUGLAS W.
Number		4)CONNER, THOMAS A.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		•

(57) Abstract:

The present teachings disclose various embodiments of a thermal block assembly having low thermal non-uniformity throughout the thermal block assembly. Accordingly, various embodiments of thermal block assemblies having such low thermal non-uniformity provide for desired performance of bioanalysis instrumentation utilizing such thermal block assemblies.



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

(21) Application No.2172/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: APPARATUS AND PROCESS FOR FERMENTATION OF BIOMASS HYDROLYSATE

 (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 	:C12P 1/00 :61/233,821 :13/08/2009 :U.S.A. :PCT/US2010/002239 :13/08/2010 :WO 2011/019403 :NA :NA :NA	(71)Name of Applicant: 1)GEOSYNFUELS, LLC Address of Applicant: 14818 W. 6TH AVENUE, UNIT AI GOLDEN, COLORADO 80401, U.S.A. U.S.A. (72)Name of Inventor: 1)BECKLER ANDERSEN, LISA 2)EVANS IV, JOHN, H. 3)SINGER, CHRISTINE, A.
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(57) Abstract:

A process for converting biomass hydrolysate into biofuel, the process comprising the steps of: obtaining a biomass hydrolysate solution comprising monosaccharides; immobilizing Pachysolen tannophilus; contacting the solution with the immobilized Pachysolen tannophilus; and recovering a fermented biofuel.

No. of Pages: 65 No. of Claims: 38

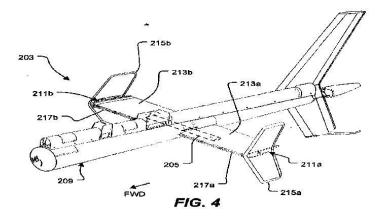
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: REMOVABLE HORIZONTAL STABILIZER FOR HELICOPTER

 (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 	:B64C 1/00 :NA :NA :NA :PCT/US2009/057261 :17/09/2009 :WO 2011/034531 :NA :NA	(71)Name of Applicant: 1)BELL HELICOPTER TEXTRON INC. Address of Applicant: P.O. BOX 482, FORT WORTH, TX 76101, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)DENNISON, WILLIAM, D. 2)MAY, CARL, A.
Filing Date	:NA :NA	

(57) Abstract:

An easily removable and lightweight horizontal stabilizer configured to provide aerodynamic stability for a rotorcraft. The horizontal stabilizer comprising a spar removably coupled to a tailboom with a removable spar attachment means, the spar being located transversely through a tailboom opening and configured to provide structural support for at least a first horizontal airfoil and a second horizontal airfoil. The first and second horizontal airfoils are configured to fittingly receive the spar so that the spar fits at least partially inside the first and second horizontal airfoils. The first and second horizontal airfoils extend outboard from the tailboom to provide aerodynamic pitch stability.



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

(21) Application No.2174/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PRECISION WAVEGUIDE INTERFACE

(51) International classification	:H01P 5/08	(71)Name of Applicant :
(31) Priority Document No	:61/235,245	1)VUBIQ INCORPORATED
(32) Priority Date	:19/08/2009	Address of Applicant :65 ENTERPRISE, ALISO VIEJO, CA
(33) Name of priority country	:U.S.A.	92656, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/046028	(72)Name of Inventor:
Filing Date	:19/08/2010	1)PETTUS, MICHAEL, GREGORY
(87) International Publication No	:WO 2011/022556	2)BARDEEN, JAMES, ROBERT, AMOS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A waveguide interface and a method of manufacturing is disclosed. The interface includes a support block that has a printed circuit board. A communication device is coupled to the circuit board. A launch transducer is positioned adjacent to and coupled to the communication device. The launch transducer includes one or more transmission lines in a first portion and at least one antenna element in a second portion. The antenna element radiates millimeter wave frequency signals. An interface plate coupled to the support block has a rectangular slot having predetermined dimensions. A waveguide component is coupled to the interface plate and has a waveguide opening. The first portion of the launch transducer is positioned within the slot such that the slot prevents energy from the transmission line from emitting toward the circuit board or the waveguide opening but allows energy to pass from the antenna element into the waveguide opening.

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

(21) Application No.2123/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TREATMENT OF VIRAL INFECTIONS

(51) International classification	:A61K 31/135	(71)Name of Applicant :
(31) Priority Document No	:0913914.8	1)BIOCOPEA LIMITED
(32) Priority Date	:10/08/2009	Address of Applicant :CENTRALPOINT, 45 BEECH
(33) Name of priority country	:U.K.	STREET, LONDON EC2Y 8AD, UNITED KINGDOM U.K.
(86) International Application No	:PCT/GB2010/051317	(72)Name of Inventor:
Filing Date	:10/08/2010	1)BREW, JOHN
(87) International Publication No	:WO 2011/018653	2)BANNISTER, ROBIN MARK
(61) Patent of Addition to Application	:NA	3)STOLOFF, GREGORY ALAN
Number	:NA	4)WANDERLAY, WILSON CAPPARROS
Filing Date	.INA	5)PLEGUEZUELOS MATEO, OLGA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides compositions, medicaments and methods of treatment of viral infections, especially respiratory disorders caused by viral infections. In particular, the invention relates to the treatment of acute viral infections using a range of related 1-phenyl-2-amino ethanol, ethanal and ethane derivatives.

No. of Pages: 44 No. of Claims: 34

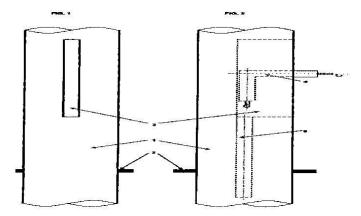
(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COLLAR TREATMENT OF WOOD UTILITY POLES

 (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 	:B27K 3/02 :750/2962 :11/08/2009 :Burundi :PCT/IB2009/006680 :30/08/2009 :WO 2011/018675 :NA :NA	(71)Name of Applicant: 1)NITUNGA, LIBERE Address of Applicant: B.P. 2834, BUJUMBURA (BI) Burundi (72)Name of Inventor: 1)NITUNGA, LIBERE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a technique for treating wood utility poles, said technique being characterized by on-site boring of a very high-capacity longitudinal reservoir, within the axis of the pole, for storing the antiseptic material. Said technique is conducive to the use of low-cost environmental treatment materials, such as cooking salt.



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

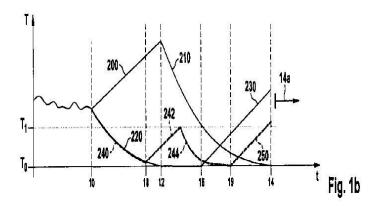
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND APPARATUS FOR IMPROVING THE PERFORMANCE OF ELECTRIC VEHICLES

 (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 	:B60L 11/18 :10 2009 046 991.5 :23/11/2009 :Germany :PCT/EP2010/067694 :17/11/2010 :WO 2011/061231 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant:POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)AUMAYER, RICHARD 2)LICHTERMANN, JAN
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(57) Abstract:

The present subject matter relates to a method for improving the performance of a traction battery during a start-driving phase of an electric vehicle. A start-driving point is established at which the start-driving phase begins. A temperature of the traction battery is sensed. The temperature is compared with a minimum operating temperature, and the traction battery is heated if the comparison indicates that the temperature of the traction battery is below the minimum operating temperature. For the heating process, the temperature increases such that a temperature of the traction battery at the start-driving point is at least equal to the minimum operating temperature.



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

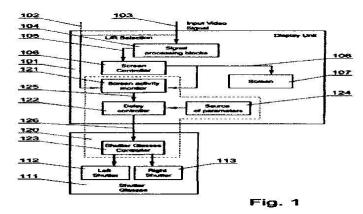
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEM AND METHOD FOR CONTROLLING SHUTTER GLASSES

 (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 	:H04N 13/00 :09170778.6 :19/09/2009 :EPO :PCT/IB2010/002383 :20/09/2010 :WO 2011/033382 :NA :NA	(71)Name of Applicant: 1)ADVANCED DIGITAL BROADCAST S.A. Address of Applicant :AVENUE DE TOURNAY 7, PREGNY-CHAMBESY, GENEVA 1292, SWITZERLAND Switzerland (72)Name of Inventor: 1)PACZKOWSKI, JACEK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for controlling shutter glasses in synchronization with a video signal, comprising the steps of receiving a shutter glasses driving signal, the signal indicating the opening and closing time of shutter glasses, receiving a L/R side selection signal, the signal indicating the left or the right eye for which the a video frame of the video signal is displayed, opening or closing the left of right shutter glass according to the value of shutter glasses driving signal and the L/R side selection signal, wherein the method further comprises the steps of monitoring a screen programming signal at a display unit on which the video signal is to be displayed and processing the screen programming signal to generate the shutter glasses driving signal.



No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application: 18/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: ULTRASONIC FLOW METERING USING COMPENSATED COMPUTED TEMPERATURE

 (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 	:61/697922 :07/09/2012 :U.S.A. :PCT/US2013/058585 :06/09/2013 :WO 2014/039873 :NA :NA	(71)Name of Applicant: 1)DANIEL MEASUREMENT AND CONTROL INC. Address of Applicant:11100 Brittmoore Park Drive Houston Texas 77041 U.S.A. (72)Name of Inventor: 1)RAMSAY Lawson
Filing Date	:NA :NA	

(57) Abstract:

Apparatus and methods for verifying temperature measurements in an ultrasonic flow meter. An ultrasonic flow metering system includes a passage for fluid flow a temperature sensor an ultrasonic flow meter and a flow processor. The temperature sensor is disposed to provide measured temperature of fluid flowing in the passage. The ultrasonic flow meter is configured to measure transit time of an ultrasonic signal through the fluid. The flow processor is configured to 1) compute speed of sound through the fluid based on the transit time; 2) calculate a computed temperature of the fluid based on the speed of sound; 3) apply compensation based on a historical difference between the computed temperature and the measured temperature to a temperature verification parameter; and 4) determine based on the temperature verification parameter whether a current difference between the measured temperature and the computed temperature is within a predetermined range.

No. of Pages: 34 No. of Claims: 25

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : ADAPTER FOR CONNECTING A CONNECTING ELEMENT AT THE END OF A WIPER ARM TO A WIPER BLADE IN PARTICULAR OF FLAT BEAM CONSTRUCTION

(51) International classification	:B60S 1/40	(71)Name of Applicant:
(31) Priority Document No	:10 2009 046 788.2	1)ROBERT BOSCH GMBH
(32) Priority Date	:17/11/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:PCT/EP2010/063918	(72)Name of Inventor:
Filing Date	:21/09/2010	1)DEPONDT, HELMUT
(87) International Publication No	:WO 2011/060979	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

(57) Abstract:

The present subject matter describes an adapter (16) for connecting a connecting element (30, 32, 34, 36, 38, 40) at the end of a wiper arm (18, 20, 22, 24, 26, 28) to a wiper blade (10) in particular of flat beam construction. The adapter (16) has a base element (42) which has a U-shaped cross-sectional profile and formed from a base (56) and two side walls (48) and the profile is closed off by a closure cap (44) at its front side facing away from the wiper arm (18, 20, 22, 24, 26, 28). Spring arms (68) be integrally formed on the side walls (48) of the base element (42) and extend in the longitudinal direction (124) towards the closure cap (44), engage into the latter and latch with buttons (70) into cutouts (84) which are provided in the side walls (82) of the closure cap (44). Fig. 3

No. of Pages: 25 No. of Claims: 17

(21) Application No.2133/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SEED TREATMENT COMPOSITIONS AND 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 	:61/239,774 :03/09/2009 :U.S.A. :PCT/US2010/047770 :03/09/2010 :WO 2011/028975 :NA :NA	(71)Name of Applicant: 1)FBSCIENCES HOLDINGS, INC. Address of Applicant: 153 N. MAIN STREET, SUITE 100, COLLIERVILLE, TN 38017, UNITED STATRES OF AMERICA U.S.A. (72)Name of Inventor: 1)BRIAN B. GOODWIN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A seed composition comprising a seed and a first component comprising an agriculturally acceptable complex mixture of dissolved organic material characterized by natural organic matter that is partially humified and methods of seed treating. A method comprising contacting a seed with a first component comprising an agriculturally acceptable complex mixture of dissolved organic material characterized by natural organic matter that is partially humified, where the first component enhances at least one of germination, emergence, root development, seedling vigor, seedling growth, mortality resistance, chlorophyll production, cold resistance, water log resistance, and nutrient uptake compared to similar seed not contacted with the first component.

No. of Pages: 41 No. of Claims: 46

(21) Application No.2134/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING THE ROUTING OF A DATA STREAM FROM A CLASS OF SERVICE THROUGH A MESHED AND ENCRYPTED NETWORK

(51) International classification(31) Priority Document No(32) Priority Date	:H04L 12/56 :0904342 :11/09/2009	(71)Name of Applicant: 1)THALES Address of Applicant: 45 RUE DE VILLIERS, 92200
(33) Name of priority country (86) International Application No	:France	NEUILLY/SUR/SEINE, FRANCE France (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application	:10/09/2010 :WO 2011/029913	1)LAURENT ALATERRE 2)MICHEL FORNARI
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for controlling the routing of a data stream through a meshed and encrypted network, comprising at least the following steps: a) tagging each data packet with the value of its class of service, said tagging being inserted into a QoS field of the header of said packet; b) configuring the encryption device (102a, 102b, 102c) to encrypt- the entirety of said data packet, thus producing an encrypted packet, and to generate a new header associated with said encrypted packet and comprising at least one recopy of said QoS field; c) configuring the routers (103a, 103b, 103c) to delete the packets having a specific QoS field value and not coming from or sent to the local private network (A, B, C) to which the router is directly connected.

No. of Pages: 19 No. of Claims: 5

(21) Application No.2135/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : COMPARTMENTALIZED SIMULTANEOUS SACCHARIFICATION AND FERMENTATION OF BIOMASS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C12P 39/00 :61/242,493 :15/09/2009 :U.S.A.	(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. U.S.A.
(86) International Application No Filing Date	:15/09/2010	(72)Name of Inventor: 1)DINER, BRUCE, A.
(87) International Publication No(61) Patent of Addition to Application	:WO 2011/034871	
Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and apparatus' are disclosed for the simultaneous saccharification and fermentation of biomass providing for the compartmentalization of the saccharification process and the fermentation process resulting in decreased enzymatic end-product inhibition.

No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TUMORICIDAL BACTERICIDAL OR VIRICIDAL MACROPHAGE ACTIVATION

 (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 	:C12N :61/236,088 :22/08/2009 :U.S.A. :PCT/US2010/046356 :23/08/2010 : NA :NA :NA	(71)Name of Applicant: 1)KNEZEVICH Charles Address of Applicant: 3622 El Canto Drive Spring Valley CA 91977 United States of America U.S.A. 2)SILVETZ Robert (72)Name of Inventor: 1)KNEZEVICH Charles 2)SILVETZ Robert
Filing Date	:NA	

(57) Abstract:

The activation of macrophages and methods for treating cancer bacterial pathogens and viral pathogens are disclosed. In particular Gc protein is converted to Gc-macrophage activating factor (GcMAF) in vivo or ex vivo. The GcMAF activates macrophages which can then target cancer cells bacterial pathogens and/or viral pathogens. Alternatively macrophages are activated by contacting them in vivo or ex vivo with GcMAF. Optionally nagalase is inactivated in a patient receiving the present macrophage activating treatment by contacting the patientTMs blood with a Nagalase-binding ligand immobilized on an inert medium.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FUSED HETEROCYCLIC RING DERIVATIVE AND USE THEREOF

Filing Date (62) Divisional to Application Number :NA Filing Date :NA	* * * * * * * * * * * * * * * * * * *	:25/08/2010 :WO 2011/024872 :NA :NA	(71)Name of Applicant: 1)TAKEDA PHARMACEUTICAL COMPANY LIMITED Address of Applicant: 1-1, DOSHOMACHI 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0045 JAPAN Japan (72)Name of Inventor: 1)SASAKI SATOSHI 2)TANAKA YUTA
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(57) Abstract:

The present invention provides a fused heterocycle derivative having a strong Smo inhibitory activity, and use thereof. Specially, the present invention relates to a compound represented by the formula wherein each symbol is as defined in the specification, or salt thereof, and a medicament containing the compound or a prodrug thereof, which is an Smo inhibitor or an agent for the prophylaxis or treatment of cancer.

No. of Pages: 184 No. of Claims: 12

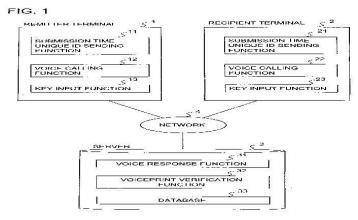
(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRONIC SETTLEMENT METHOD, SYSTEM, SERVER, AND PROGRAM 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 	:22/09/2010 :WO 2011/037134 :NA :NA	(71)Name of Applicant: 1)NIPPON TELEGRAPH AND TELEPHONE CORPORATION Address of Applicant: 3-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-8116, JAPAN Japan (72)Name of Inventor: 1)FUJII HARUHIKO
Filing Date	:NA	

(57) Abstract:

A secure electronic settlement by an easy operation is enabled even with any terminal device and any network in any country. Balance information of a user, predetermined voice information that can identify a user, an arbitrary keyword, and a voiceprint are stored in advance in a database 33 of a server 3 in association with a telephone number of the user, and when a remitter user carries out remittance to a recipient user, the server 3 sends out voice guidance including predetermined voice information registered in the database 33 corresponding to the telephone number of a recipient terminal 2 sent from the recipient terminal 2 requesting the remittance or a telephone number of the recipient terminal 2 inputted by the remitter carrying out the remittance to the recipient using a voice response function 31 to a remitter terminal 1, thereby enabling intuitive confirmation of a recipient by a remitter.



No. of Pages: 109 No. of Claims: 25

(19) INDIA

(43) Publication Date: 21/08/2015

(21) Application No.2203/DELNP/2012 A

(22) Date of filing of Application: 14/03/2012

(54) Title of the invention: ADJUSTABLE FURNITURE

 (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 	:18/08/2010 : NA :NA :NA	(71)Name of Applicant: 1)INTEGRATED FURNITURE TECHNOLOGIES LIMITED Address of Applicant: Unit 9 Mitre Farm Industrial Estate Forthampton Gloucestershire GL19 4NG United Kingdom U.K. (72)Name of Inventor: 1)Dale ROBERTSON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns an article of adjustable furniture such as a recliner chair (10) or adjustable bed (200) comprising a base (16) an intermediate support (18) and a back support (20). The intermediate support is guided for movement relative to the base by first guide means. The back support is guided for movement relative to both the base and intermediate support by second guide means. The first guide means include at least one guide (36–38) associated with one of the base and intermediate support and at least one follower (32–34) associated with the other of the base and intermediate support. The second guide means includes at least one guide (76) associated with one of the base support and the back support and at least one follower (48) associated with the other of the base support and the back support.

No. of Pages: 71 No. of Claims: 38

(21) Application No.2204/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR PRODUCING CYCLOHEXYL ALKYL KETONES

 (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 	:C07D :2009-217202 :18/09/2009 :Japan :PCT/JP2010/066078 :16/09/2010 : NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant: 5-2 Marunouchi 2-chome Chiyoda-ku Tokyo Japan Japan (72)Name of Inventor: 1)NISHIUCHI Junya
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(57) Abstract:

Provided is an industrially superior method for producing cyclohexyl alkyl ketones which solves the problems in process reduction and in disposal of wastes such as metals.

No. of Pages: 27 No. of Claims: 6

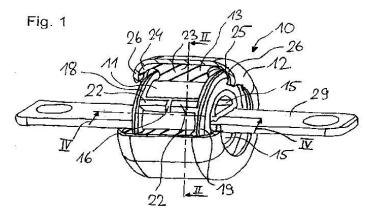
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELASTIC BUSHING, IN PARTICULAR COMPOSITES STEERING BUSHING

 (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 	:F16F 1/38 :10 2009 041 549.1 :15/09/2009 :Germany :PCT/EP2010/063088 :07/09/2010 :WO 2011/032858 :NA :NA :NA	(71)Name of Applicant: 1)TRELLEBORG AUTOMOTIVE GERMANY GMBH Address of Applicant: ERBACHER STR. 50, 64747 BREUBERG, GERMANY Germany (72)Name of Inventor: 1)JEROME KEIFFER
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(57) Abstract:

The invention relates to an elastic bushing (10), in particular a composite steering bushing having an inner core (11) and an outer sleeve (12) disposed concentrically to one another, and connected to each other by an elastomer layer (13). A limiting element (18, 19) is disposed between the inner core (11) and the outer sleeve (12), limiting the radial displacement of the inner core (11). The outer sleeve (12) comprises an inwardly bent end region (26). In order to provide a cost-effective elastic bushing providing clearance in the radial and axial directions, according to the invention, the inner core (11) comprises at least one molded recess (16) in the axial direction, the at least one limiting element (18, 19) is positively inserted in the recess (16), the limiting element (18, 19) is at a distance from the end region (26) in the axial direction, and the end region (26) limits the axial displacement of the inner core (11). The invention further relates to a method for producing the elastic bushing (10) according to the invention. (Fig. 1)



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

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : PRINTING DEVICE, READING DEVICE, MULTIFUNCTION DEVICE, AND A METHOD OF CONTROLLING A PRINTING DEVICE, A METHOD OF CONTROLLING A READING DEVICE, AND A METHOD OF CONTROLLING A MULTIFUNCTION DEVICE

(51) International classification	:G11B	(71)Name of Applicant:
(31) Priority Document No	:2011- 061053	1)SEIKO EPSON CORPORATION Address of Applicant :4-1, NISHISHINJUKU 2-CHOME,
(32) Priority Date	:18/03/2011	SHINJUKU-KU, TOKYO 163-0811, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)AMANO, MAKI
Filing Date	:NA	2)TERADAIRA, MITSUAKI
(87) 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) A1		1

(57) Abstract:

Model information (model ID) in a new range can be assigned to a device and acquired by a host device. A device having a model information storage unit that stores model information, and a communication unit that communicates with a device that requests model information, receives a model information request, and in response returns specific information indicating there is model information in a new range when the model information is in the new range. Model information in the new range is sent in response to a new request when a new request is received from the host device.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :07/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : COATINGS COMPRISING BIS-(ALPHA-AMINO-DIOL-DIESTER) CONTAINING POLYESTERAMIDE

(51) International classification	:A61L 31/06	(71)Name of Applicant :
(31) Priority Document No	:09173349.3	1)DSM IP ASSETS B.V.
(32) Priority Date	:16/10/2009	Address of Applicant :HET OVERLOON,1, NL - 6411 TE
(33) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/065663	1)MIHOV, GEORGE
Filing Date	:18/10/2009	2)FRANKEN, ASTRID
(87) International Publication No	:WO 2011/045443	3)MESSIER, KENNETH ALAN
(61) Patent of Addition to Application	:NA	4)DELAMARRE, SOAZIG CLAUDE MARIE
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		I

(57) Abstract:

The present invention relates to a coating comprising at least one biodegradable polymer, wherein the polymer comprises at least one or a blend of a poly (ester amide) (PEA) having a chemical formula described by structural formula (II), wherein; R1 is independently selected from the group consisting of (C2-C20)alkylene, (C2-C20)alkenylene, -(R9-CO-O-R10-O-CO-R9)-, CH R11-0-CO-R12-COOCR11- and combinations thereof; R3 and R4 in a single co-monomer m or p, respectively, are independently selected from the group consisting of hydrogen, (C1-C6)alkyl, (C2-C6)alkenyl, (C2-C6)alkynyl, (C6-C10)aryl, (C1C6)alkyl, -(CH2)SH, - (CH2)2S(CH 3), CH20H, -CH(OH)CH3, -(CH2)4NH3+, (CH2)3NHC(=NH2+)NH2, -CH2COOH, (CH2)COOH, -CH2-CO-NH2 -CH2CH2-CO-NH2, --CH2CH2COOH, CH3-CH2-CH(CH3)-, formula (a), HO-P-Ph-CH2-, (CH3)2-CH-, Ph-NH-, NH-(CH2)3-C-, NH-CH=N-CH=C-CH2-. R5 or R6 are independently selected from bicyclic-fragments of 1,4:3,6- dianhydrohexitols or from the group consisting of (C2-C20)alkylene, (C2-C20)alkenylene, alkyloxy, oligoethyleneglycol with a Mw ranging from 44 Da up to 700 Da, -CH2-CH-(CH20H)2, CH2CH(OH)CH2 whereby R5 and R6 are non identical. R7 is hydrogen, (C6-C10) aryl, (C1C6) alkyl or a protecting group such as benzyl- or a bioactive agent; R8 is independently (C1-C20) alkyl or (C2-C20)alkenyl; R9 or R10 are independently selected from C2-C12 alkylene or C2-C12 alkylene or C2-C12 alkylene and R11 or R12 are independently selected from H, methyl, C2-C12 alkylene or C2-C12 alkylene.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: THIN FILM DEPOSITION 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 	:C25D :0956866 :01/10/2009 :France :PCT/FR2010/052073 :30/09/2010 : NA	(71)Name of Applicant: 1)SAINT-GOBAIN GLASS FRANCE Address of Applicant: 18 Avenue dAlsace F-92400 Courbevoie France France (72)Name of Inventor: 1)KHARCHENKO Andriy 2)DURANDEAU Anne
(87) International Publication No(61) Patent of Addition to ApplicationNumber	: NA :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The subject of the invention is a process for obtaining a substrate coated on at least part of its surface with at least one film of oxide of a metal M the physical thickness of which is 30 nm or less, said oxide film not being part of a multilayer comprising at least one silver film, said process comprising the following steps: - at least one intermediate film of a material chosen from the metal M, a nitride of the metal M and an oxygen-substoichiometric oxide of the metal M is deposited by sputtering, said intermediate film not being deposited above or beneath a titanium-oxide-based film, the physical thickness of said intermediate film being 30 nm or less; and - at least part of the surface of said intermediate film is oxidized using a heat treatment, during which said intermediate film is in direct contact with an oxidizing atmosphere, especially air, the temperature of said substrate during said heat treatment not exceeding 150oC.

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

(21) Application No.2212/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : AGROCHEMICAL COMPOSITIONS CONTAINING ALKYL POLYPROPYLENE GLYCOL POLYETHYLENE GYLCOL

 (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 	:A01N 25/30 :61/242,119 :14/09/2009 :U.S.A. :PCT/EP2010/005396 :02/09/2010 :WO 2011/029552 :NA :NA	(71)Name of Applicant: 1)BAYER CROPSCIENCE AG Address of Applicant: ALFRED-NOBEL-STRASSE 50, 40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)ANDREAS STORK 2)UDO RECKMANN 3)ROLF PONTZEN
		S)NOET TOTTEET
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

What is described are specific agrochemical compositions comprising alkyl polypropylene glycol polyethylene glycol, processes for their preparation and the use of corresponding compositions in the agrochemical field. The present invention furthermore relates to the use of alkyl polypropylene glycol polyethylene glycol as penetrant for agrochemically active compounds and/or as spontaneity enhancer in the preparation of application liquors.

No. of Pages: 41 No. of Claims: 9

(21) Application No.1939/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: CATALYSTS FOR FLUOROOLEFINS HYDROGENATION

 (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 	:B01J 27/128 :12/554,559 :04/09/2009 :U.S.A. :PCT/US2010/045827 :18/08/2010 :WO 2011/028415 :NA :NA	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC. Address of Applicant:101 COLUMBIA ROAD, MORRISTOWN, NEW JERSEY 07962, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)HAIYOU WANG 2)HSUEH S. TUNG
•	:NA :NA	

(57) Abstract:

A support of metal oxyfluoride or metal halide for a metal-based hydrogenation catalyst useful in hydrogenating fluoroolefins is provided.

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

(21) Application No.2082/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF A COMPOSITION FOR THE TREATMENT OF WATER

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Department of Science and Technology
(32) Priority Date	:NA	Address of Applicant :Technology Bhavan New Mehrauli
(33) Name of priority country	:NA	Road New Delhi- 110016 India. Delhi India
(86) International Application No	:NA	2)Durga Sewa Sadan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Ravindra Kumar Sharma
(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 the preparation of a composition for the treatment of water comprising the step of reacting magnesium oxide and magnesium carbonate in the ratio of 1:9 to 9:1 with 50% hydrogen peroxide at a temperature of 10 to 40o C

No. of Pages: 13 No. of Claims: 5

(22) Date of filing of Application :09/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : IMPROVED POLYURETHANE FOAMING PROCESSES AND FOAM PROPERTIES USING HALOGENATED OLEFIN BLOWING 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 	:C23C 16/455 :61/240,727 :09/09/2009 :U.S.A. :PCT/US2010/047453 :01/09/2010 :WO 2011/031598 :NA :NA :NA	(71)Name of Applicant: 1)ARKEMA INC. Address of Applicant:900 FIRST AVENUE, KING OF PRUSSIA, PENNSYLVANIA 19406, U.S.A. U.S.A. (72)Name of Inventor: 1)JOSEPH S. COSTA 2)BENJAMIN B. CHEN 3)PHILIPPE BONNET
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(57) Abstract:

The present invention relates to a method of producing more uniformly distributed polyurethane form using blowing agents. More particularly, the present invention relates to a method of producing more uniformly distributed polyurethane foam for an application in which flow of liquid polyurethane foam prior to solidification is important to its performance using a hydrochlorofluoroolefin (HCFO), such as 1233zd.

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DESULPHURISATION PROCESS

(51) International classification	:C10N	(71)Name of Applicant:
(31) Priority Document No	:0916161.3	1)JOHNSON MATTHEY PLC
(32) Priority Date	:15/09/2009	Address of Applicant :5TH FLOOR, 25 FARRINGDON
(33) Name of priority country	:U.K.	STREET LONDON EC4A 4AB, U.K. U.K.
(86) International Application No	:PCT/GB2010/051445	(72)Name of Inventor:
Filing Date	:02/09/2010	1)GORDON EDWARD WILSON
(87) International Publication No	: NA	2)NORMAN MACLEOD
(61) Patent of Addition to Application	:NA	3)ELAINE MARGARET VASS
Number	:NA	4)ANTONIO CHICA LARA
Filing Date	.11/1	5)AVELINO CORMA CANOS
(62) Divisional to Application Number	:NA	6)YONHY SAAVEDRA LOPEZ
Filing Date	:NA	

(57) Abstract:

A process for desulphurising hydrocarbons is described comprising the steps of (i) passing a mixture of hydrocar¬bon and hydrogen over a hydrodesulphurisation cataiyst to convert organosulphur compounds present in said hydrocarbon to hy¬drogen sulphide, (ii) passing the resulting mixture over a hydrogen sulphide sorbent comprising zinc oxide to reduce the hydrogen sulphide content of the mixture and (iii) passing the hydrogen sulphide-depleted mixture over a further desulphurisation material, wherein the further desulphurisation material comprises one or more nickel compounds, a zinc oxide support material, and option¬ally one or more promoter metal compounds selected from compounds of iron, cobalt, copper and precious metals, said desul¬phurisation material having a nickel content in the range 0.3 to 20 % by weight and a promoter metal content in the range 0 to 10% by weight.

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

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : COMPOSITION INCLUDING A MIXTURE OF ELASTOMER AND SUPRAMOLECULAR POLYMER

 (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 	:C08G 63/00 :0956565 :23/09/2009 :France :PCT/FR010/051957 :21/09/2010 :WO 2011/036388 :NA :NA :NA	(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant: 420, RUE D'ESTIENNE D'ORVES, F- 92700 COLOMBES, FRANCE France (72)Name of Inventor: 1)MANUEL HIDALGO 2)CHRISTELLE PLAUT 3)ALFREDO DEFRANCISCI
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(57) Abstract:

The invention relates to a composition including (i) at Least one elastomer selected from natural rubber and a synthetic polymer or copolymer resulting from the polymerisation of a majority of monomers with a molecular weight of less than 400 gmol and (ii) at least one supramolecular polymer resulting from the reaction of at least one at least trifunctional compound (A), having first and second functions, with: at least one compound (B) having at least one reactive group capable of reacting with the first functions of (A) and at least one associative group; and at least one at least bifunctional compound (C) having functions capable of reacting with the second functions of compound (A) in order to form ester, thioester and amide bridges. The invention also relates to a method for obtaining said composition.

No. of Pages: 49 No. of Claims: 13

(2

(21) Application No.2220/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRIC-RESISTANCE-WELDED PIPE WELDING APPARATUS

(62) Divisional to Application Number :NA Filing Date :NA	 (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 	:16/09/2010 :WO 2011/034119 :NA :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN, Japan (72)Name of Inventor: 1)YOSHIAKI HIROTA
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(57) Abstract:

In the electric-resistance-welded pipe welding apparatus, after a metal strip that is traveling is bent into a cylindrical shape by rolls so that both ends in a width direction of the metal strip face each other, a power supply portion of an induction heating device or an energization heating device is provided immediately near the metal strip which is bent into the cylindrical shape, a joule heating is performed with respect to the both ends by a power supplied from the power supply portion, thereafter, and the both ends are welded while being pressed to and coming in contact with each other. The electric-resistance-welded pipe welding apparatus includes a ferromagnetic body that is movably inserted between the both ends at a position further to the upstream than the power supply portion when viewed along the traveling direction of the metal strip, the position corresponding to an opening portion between the both ends which face each other.

No. of Pages: 64 No. of Claims: 14

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PREVENTING SHORT MESSAGE FRAUD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G11C :200910162421.3 :04/08/2009 :China	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(86) International Application No Filing Date	:PCT/CN2009/075950 :24/12/2009	China (72)Name of Inventor :
(87) International Publication No	: NA	1)HE Tianweni;
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)YAN Fei;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and a system for effectively preventing short message fraud are disclosed. By building short message source codes for all short messages and pre-storing the short message source code information in a manner of black list and white list, whether a short message belongs to a fraudulent short message source may be confirmed according to the source code information included in the short message through searching the white list and black list. The major technical solution comprises: A. performing source coding to a short message according to a uniform coding rue; B. building a database to pre-store various short message source code information and distinguish whether it is a fraudulent short message source; C. when a subscriber initiates a query request for a certain short message, extracting the source code of the short message and searching the database for a matching item, determining whether it is a fraudulent short message, and returning a query result to the subscriber. The technical solution of the disclosure is likewise applicable to prevent multimedia message fraud.

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

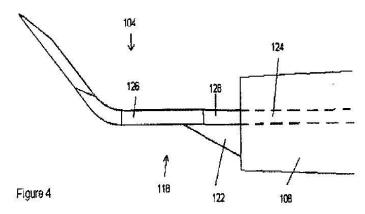
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SURGICAL KNIFE HANDLE AND KNIFE

 (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 9/013 :NA :NA :NA :PCT/GB2009/051164 :10/09/2009 :WO 2011/030081 :NA	(71)Name of Applicant: 1)E-MEDIX LIMITED Address of Applicant: B2, 2 BOWYER STREET, BORDESLEY, BIRMINGHAM, WEST MIDLANDS B10 0SA, UNITED KINGDOM U.K. 2)CORE SURGICAL LIMITED 3)PACKARD, RICHARD (72)Name of Inventor:
Filing Date	:NA	

(57) Abstract:

A surgical knife handle comprising a handle body and a blade receiving portion defined at a first end of the handle body, which blade receiving portion comprises a blade receiving bore and a blade support extending to a first side of the blade receiving bore. A surgical knife comprising a handle, a blade defined at a first end of the handle and a blade support extending to a first side of the blade.



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

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HETEROCYCLIC COMPOUNDS AND USES THEREOF

(51) International classification	:A61K 31/54	(71)Name of Applicant :
(31) Priority Document No	:61/234,617	1)INTELLIKINE LLC
(32) Priority Date	:17/08/2009	Address of Applicant :10931 NORTH TORREY PINES
(33) Name of priority country	:U.S.A.	ROAD, SUITE 103, LA JOLLA, CA 92037, UNITED STATES
(86) International Application No	:PCT/US2010/045816	OF AMERICA U.S.A.
Filing Date	:17/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/022439	1)REN, PINGDA
(61) Patent of Addition to Application	:NA	2)LIU, YI
Number	:NA	3)LI, LIANSHENG
Filing Date	.IVA	4)CHAN, KATRINA
(62) Divisional to Application Number	:NA	5)WILSON, TROY, EDWARD
Filing Date	:NA	6)CAMPBELL, SIMON, FRASER

(57) Abstract:

Heterocyclic entities that modulate PI3 kinase activity, pharmaceutical compositions containing the heterocyclic entities, and methods of using these chemical entities for treating diseases and conditions associated with PI3 kinase activity are described herein.

No. of Pages: 221 No. of Claims: 53

(22) Date of filing of Application :09/03/2012

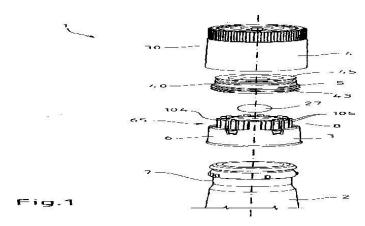
(43) Publication Date: 21/08/2015

(54) Title of the invention : DISPENSER-CAP DEVICE FOR A BEVERAGE BOTTLE, IN PARTICULAR AN ALCOHOLIC BEVERAGE BOTTLE

 (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 	:B65D 47/24 :MI2009A001462 :11/08/2009 :Italy :PCT/IB2010/001979 :10/08/2010 :WO 2011/018694 :NA :NA	(71)Name of Applicant: 1)GEFIT S.P.A. Address of Applicant:VIA DE NEGRI, 9, ALESSANDRIA, ITALY. Italy (72)Name of Inventor: 1)SORZE MAURIZIO
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dispenser-cap device (1) for a beverage bottle, in particular an alcoholic beverage bottle, extending substantially along an axis (A) and comprising a base body (3), connectable to a neck (7) of a bottle (2); an actuator element (4), rotatably coupled to the base body (3) and axially fixed to the base body; and a spout element (5), provided with a pour channel (51) and angularly connected to the base body (3) and axially slidable on a guide portion (8) of the base body (3) for selectively opening/closing a passage (63) communicating with the channel (51); the device being characterized by comprising a disengagement device (65) that releases angularly the spout element (5) from the base body (3) when the spout element (5) reaches a predetermined position, and allows rotation of the spout element (5) with respect to the base body (3).



No. of Pages: 25 No. of Claims: 13

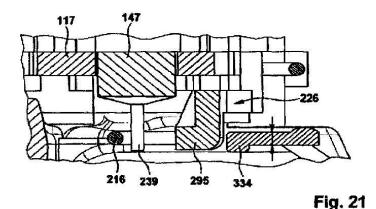
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRICAL MOTOR.

(51) International classification	:H02K 11/04	(71)Name of Applicant :
(31) Priority Document No	:10 2009 042 566.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:17/09/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:PCT/EP2010/063722	(72)Name of Inventor:
Filing Date	:17/09/2010	1)EINBOCK, STEFAN
(87) International Publication No	:WO 2011/033079	2)NARIO-RIVERA, GIANNA
(61) Patent of Addition to Application	:NA	3)FURTHMUELLER, DAVID
Number		4)HERBOLD, KLAUS
Filing Date	:NA	5)SCHROTH, RUEDIGER
(62) Divisional to Application Number	:NA	6)KHURSHID, SYED FARHAD
Filing Date	:NA	
(57) Abstract :		

(57) Abstract:

The present subject matter describes an electrical motor (10), in particular an alternator. The electrical motor (10) includes a housing (13) having at least one bearing shield (13.2); and a rectifier device (139) having a interconnection unit (144) that interconnects current rectifier (147, 150) to a bridge circuit. According to the present subject matter, the interconnection unit (144) has at least one platform (295) that is oriented to the bearing shield (13.2). Further, an opening (40) is separated by at least one brace (340) that holds a hub (337), where the opening (40) has a niche (346) that is incorporated on the radial outer edge (349). The platform (295) projects into the niche (346) and a connection wire (216) exiting the platform (295) extends into the opening (40).



No. of Pages: 47 No. of Claims: 5

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DRIVER ASSISTANCE SYSTEM FOR A VEHCILE, VEHICLE WITH A DRIVER ASSISTANCE SYSTEM, AND METHOD FOR AIDING A DRIVER WHEN OPERATING A 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 	:21/09/2010 :WO 2011/035880	(71)Name of Applicant: 1)VALEO SCHALTER UND SENSOREN GMBH Address of Applicant:LAIERNSTRASSE 12, 74321 BIETIGHEIM- BISSINGEN, GERMANY Germany (72)Name of Inventor: 1)PATRICE REILHAC
(87) International Publication No		1)I ATRICE REILIIAC
	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		

(57) Abstract:

The invention relates to a driver assistance system for a vehicle (1), wherein the driver assistance system has at least one controller (2, 4, 6, 9, 11, 14) installed in the vehicle (1) and/or at least one sensor device (16, 17, 18, 19) installed in the vehicle (1), wherein the at least one controller (2, 4, 6, 9, 11, 14) and/or the at least one sensor device (16, 17, 18, 19) has a communication interface (21) which can be used to transmit data directly between the controller (2, 4, 6, 9, 11, 14) and/or the sensor device (16, 17, 18, 19) and a portable communication appliance (22) at least in one direction by bypassing a data transmission system (20) inside the vehicle, wherein the data transmission causes the portable communication appliance (22) and the controller (2, 4, 6, 9, 11, 14) and/or the sensor device (16, 17, 18, 19) to interact such that at least one function can be performed which assists a driver in driving the vehicle (1). The invention also relates to a vehicle (1) and to a method for assisting a driver in driving a vehicle (1). (Figure)

No. of Pages: 38 No. of Claims: 30

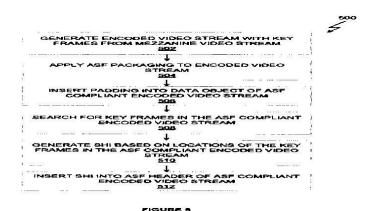
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ENCODING VIDEO STREAMS FOR ADAPTIVE VIDEO STREAMING

 (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 	:H04J 1/16 :12/543,328 :18/08/2009 :U.S.A. :PCT/US2010/045805 :17/08/2010 :WO 2011/022432	(71)Name of Applicant: 1)NETFLIX, INC. Address of Applicant:100 WINCHESTER CIRCLE, LOS GATOS, CALIFORNIA 95032, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)PARK, ANTHONY NEAL
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	2)LAI, YUNG-HSIAO 3)RONCA, DAVID RANDALL
Filing Date	:NA	

(57) Abstract:

One embodiment of the invention sets forth an encoding server including components configured to encode a video stream associated with a content title for adaptive streaming. The video stream is first processed by a VC1 encoder to generate an encoded video stream comprising a multiple GOPs, each GOP including a key frame and having a different playback offset. The encoded video stream is then packaged such that the GOPs are stored in data packets of the packaged encoded stream. An SHI generator generates an SHI associated with the packaged encoded stream that includes a switch point associated with each GOP. Each switch point includes the playback offset associated with the corresponding GOP and the data packet storing the key frame of the corresponding GOP. The SHI associated with multiple packaged encoded video streams associated with the same content title and encoded to different playback bit rates have corresponding switch points.



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

(21) Application No.2232/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: TERNARY ELASTOMERIC COPOLYMER COMPRISING DIENE AND METHOD FOR

PREPARING SAME

(51) International :C08F255/06,C08F236/02,C08F4/6592

classification

(31) Priority Document No:1020130075873

(32) Priority Date

:28/06/2013

(33) Name of priority

:Republic of Korea

country (86) International

Application No

:PCT/KR2014/005811

Filing Date

:30/06/2014

(87) International

:WO 2014/209085

Publication No (61) Patent of Addition to

:NA

Application Number Filing Date

:NA

Application Number

(62) Divisional to Filing Date

:NA :NA

(71)Name of Applicant: 1)LG CHEM LTD.

Address of Applicant: 128 Yeoui daero Yeongdeungpo gu

Seoul 150 721 Republic of Korea

(72) Name of Inventor:

1)LG CHEM LTD.

(57) Abstract:

The present invention relates to a ternary elastomeric copolymer having a long chain branch obtained in the presence of a group IV transition metal catalyst and capable of achieving both excellent processability and excellent elasticity (flexibility) and a method for preparing the same. The ternary elastomeric copolymer is a copolymer of ethylene an alpha olefin having 3 to 20 carbon atoms and a diene i) having a weight average molecular weight of 100 000 to 500 000 measured by GPC; and ii) capable of having a positive value on the LCB index which is the ratio of a first harmonic of the storage modulus of elasticity measured by a rubber process analyzer at 125°C using the Large Angles of Oscillation and high Strains (LAOS) method with respect to a fifth harmonic of the storage modulus of elasticity.

No. of Pages: 47 No. of Claims: 18

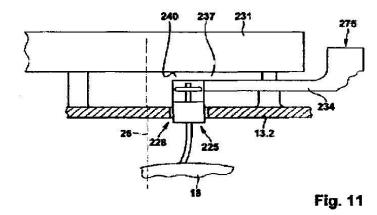
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRIC MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02K 3/50 :10 2009 042 563.2 :17/09/2009 :Germany :PCT/EP2010/063715 :17/09/2010	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)SEKERTZIS, VASSILIOS
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/033073 :NA :NA :NA :NA	2)NARIO-RIVÉRA, GIANNA

(57) Abstract:

The present subject matter describes an electric machine (10) that includes a rotor (20) having a rotational axis (26), a stator (16), and a stator winding (18) inserted therein. A first cooling body (53) has at least one receptacle (66) on which a current rectifier (147) is received, and a second cooling body (117) has at least one receptacle (120) on which a current rectifier (150) is received. An interconnection unit (144) interconnects the current rectifiers (147, 150) in to a bridge circuit, and includes multiple integral guide sockets (225) in which conductor ends (228) of the stator winding (18) are received. Further, an arm (234) integrally connects the shorter guide socket (225) with other guide sockets (225). The guide socket (225) and the arm (234) are disposed between an end shield (13.2) and the controller (231) in the direction of the rotational axis (26).



No. of Pages: 48 No. of Claims: 9

(21) Application No.2092/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: THERMOPLASTIC POLYMER COMPOSITION

 (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 	:C08K 5/00 :12/582,883 :21/10/2009 :U.S.A. :PCT/US2010/053345 :20/10/2010 :WO 2011/050042	(71)Name of Applicant: 1)MILLIKEN & COMPANY Address of Applicant: 920 MILLIKEN ROAD, M-495 SPARTANBURG, SOUTH CAROLINA 29303, U.S.A. U.S.A. (72)Name of Inventor: 1)JIANNONG XU 2)JIANG LI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)CRISTINA M. ACEVEDO 4)ROBBIE WILLEM J. M. HANSSEN 5)DARIN L. DOTSON 6)DAIKE WANG 7)SCOTT R. TRENOR

(57) Abstract:

A thermoplastic polymer composition comprises a thermoplastic polymer and a nucleating agent. The nucleating agent comprises a compound conforming to the structure of Formula (I), Formula (II), or Formula (III)

No. of Pages: 68 No. of Claims: 17

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR MPLS-TP TUNNEL PROTECTION PROCESSING

 (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 12/56 :200910178939.6 :30/09/2009 :China :PCT/CN2010/072612 :11/05/2010 :WO 2010/145350 :NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P. R. CHINA China (72)Name of Inventor: 1)CAO, CHAOPENG
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(57) Abstract:

The present invention discloses a method and system for processing an MPLS-TP tunnel protection, including: a tail node of a multiprotocol label switching transport profile (MPLS-TP) tunnel, after receiving a data message, querying a private network label table of the tail node according to a private network label carried in the data message, and acquiring a value of a protection flag field; when judging that a protection type of the MPLS-TP tunnel is 1+1 according to the value of the protection flag field, acquiring a value of a difference bit number field, and determining a value of a corresponding difference bit in a public network label of the MPLS-TP tunnel; and acquiring a value of a decision field, and carrying out corresponding processing on the data message according to a comparison result of the value of the difference bit and the value of the decision field. With the present invention, the processing performance of the data message on the MPLS-TP tunnel can be improved.

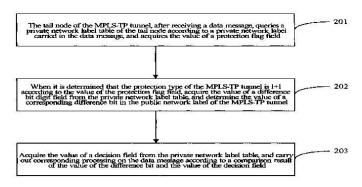


FIG. 2

No. of Pages: 26 No. of Claims: 12

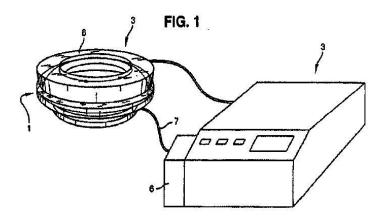
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : PARAMETERS FOR AN ULTRASOUND DEVICE COMPRISING MEANS TO GENERATE HIGH INTENSITY ULTRASOUND BEAM

		(71)Name of Applicant:
(51) International classification	:A61F 9/007	1)EYE TECH CARE
(31) Priority Document No	:NA	Address of Applicant :2871 AVENUE DE I'EUROPE, F-
(32) Priority Date	:NA	69140 RILLIEUX-LA-PAPE, FRANCE France
(33) Name of priority country	:NA	2)INSTITUT NATIONAL DE LA SANTE ET DE LA
(86) International Application No	:PCT/EP2009/060682	RECHERCHE MEDICALE (INSERM)
Filing Date	:18/08/2009	(72)Name of Inventor:
(87) International Publication No	:WO 2011/020495	1)ROMANO, FABRIZIO
(61) Patent of Addition to Application	.NY A	2)LAFON, CYRIL
Number	:NA :NA	3)CHAPELON, JEAN-YVES
Filing Date	:NA	4)CHAVRIER, FRANCOISE
(62) Divisional to Application Number	:NA	5)BIRER, ALAIN
Filing Date	:NA	6)FARCY, LAURENT
-		7)CHAPUIS, PHILIPPE

(57) Abstract:

The present invention relates to a device for treatment of an ocular pathology, the device comprising at least one eye ring (1) wherein the proximal end of said eye ring (1) is suitable to be applied onto the globe and means (2) to generate ultrasound beam fixed on the distal end of the eye ring (1), said means to generate ultrasound beam presenting a concave segment shape conformed along a single curvature corresponding to a single direction wherein the concavity is designed to be tuned towards the eyeglobe.



No. of Pages: 19 No. of Claims: 14

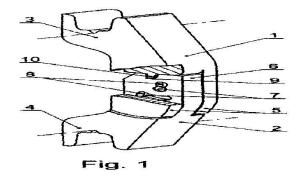
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: UNLOADING-DYNAMIC INTERVERTEBRAL 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 	:06/10/2010 :WO 2011/043681 :NA :NA :NA	(71)Name of Applicant: 1)LFC SPOLKA Z O.O. Address of Applicant: UL. KOZUCHOWSKA 41, PL-65-364 ZIELONA GORA, POLAND Poland (72)Name of Inventor: 1)CIUPIK, LECHOSTAW FRANCISZEK 2)KIERZKOWSKA, AGNIESZKA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The scope of the invention is an unloading-dynamic intervertebral device consisting of two bars (1,2) cooperating with each other, where each of them is ended from one side with a shaped bearing (3,4) for bony elements of the spine. One of the bars (1,2) is provided with a guideline (5), whereas the other with a guide (6), moreover, the first bar (1,2) is provided with at least one tang (7), situated in the corresponding shaped gap (8) of the other bar (2,1), assuring rotatable and rotatable-sliding cooperation of the bars (1,2) crossing in the open position of the device. The device is equipped with a mechanism blocking rotational movement of the bars (1,2) in the closed position.



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

(21) Application No.2231/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : APPARATUSES FOR TRANSMITTING HEAT BETWEEN A RAIL OF RACK MOUNTED EQUIPMENT AND A CHANNEL OF A COOLING RACK ENCLOSURE, AND RELATED COMPONENTS, SYSTEMS, AND METHODS

(51) International classification	:H05K7/20,F28F9/26	(71)Name of Applicant :
(31) Priority Document No	:61/684856	1)ADVANCED DATA COOLING TECHNOLOGIES INC.
(32) Priority Date	:20/08/2012	Address of Applicant :2 rue de la Tour du Lac, Lake-field
(33) Name of priority country	:U.S.A.	Gore, Quebec JOV 1K0 Canada
(86) International Application No	:PCT/IB2013/001789	(72)Name of Inventor:
Filing Date	:19/08/2013	1)DAVIDSON, Niall, T.;
(87) International Publication No	:WO 2014/030046	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

Rack mountable equipment and a complementary cooling rack enclosure are arranged to work together to transmit heat from heat generating components of the rack mountable equipment to the cooling rack enclosure. Heat from the components is transferred to the cooling rack enclosure via a coolable surface disposed in a channel of the cooling rack enclosure. The rack mountable equipment includes a rail adapted to be received by the channel in the cooling rack enclosure. A thermally conductive surface on the rail contacts the coolable surface within the channel and transfers heat from the rack mountable equipment to the cooling rack enclosure.

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

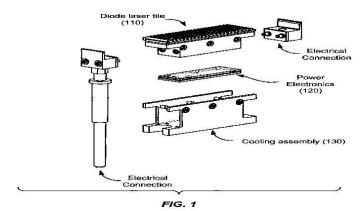
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR POWERING AND COOLING SEMICONDUCTOR LASERS

 (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 	:H01S 3/04 :61/239,569 :03/09/2009 :U.S.A. :PCT/US2010/047719 :02/09/2010 :WO 2011/028932 :NA :NA :NA	(71)Name of Applicant: 1)LAWRENCE LIVERMORE NATIONAL SECURITY, LLC Address of Applicant:2300 FIRST STREET, SUITE 204, LIVERMORE, CALIFORNIA 94550, U.S.A. U.S.A. (72)Name of Inventor: 1)TELFORD STEVEN JAMES 2)LADRAN ANTHONY S.
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(57) Abstract:

A semiconductor laser system includes a diode laser tile. The diode laser tile includes a mounting fixture having a first side and a second side opposing the first side and an array of semiconductor laser pumps coupled to the first side of the mounting fixture. The semiconductor laser system also includes an electrical pulse generator thermally coupled to the diode bar and a cooling member thermally coupled to the diode bar and the electrical pulse generator.



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

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: SIDE BRUSH ASSEMBLY ROBOT CLEANER AND CONTROL METHOD OF ROBOT CLEANER

:A47L9/28,A47L9/00,A47L9/04 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1020120095367

(32) Priority Date :30/08/2012 :Republic of Korea (33) Name of priority country (86) International Application No: PCT/KR2013/007756

Filing Date :29/08/2013 (87) International Publication No: WO 2014/035152

(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)MOON, Joo Sung; 2)YOO, Kyung Hwan;

3)KIM, Kyoung Woung; 4)SONG, Jeong Gon;

(57) Abstract:

A side brush assembly including a side arm capable of being exposed outside a main body and returning inside the main body and a side brush unit mounted to the side arm a robot cleaner and a control method of the robot cleaner is provided. The robot cleaner includes a main body and at least one side brush assembly to increase a dust removing area. The side brush assembly includes a side brush body a side arm mounted to a bottom surface of the side brush body and configured to be exposed outside the main body a side brush unit rotatably mounted to the side arm a lever configured to rotate together with the side arm a cam configured to rotate by receiving driving force from a driving motor and an elastic member connecting the lever and the cam to rotate the lever by elastic force thereof.

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

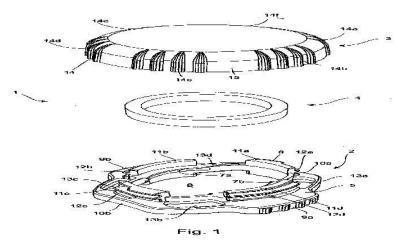
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A MEDICAL CLOSURE DEVICE

(51) International classification	:A61F 5/445	(71)Name of Applicant:
(31) Priority Document No	:09171963.3	1)OSTOMYCURE AS
(32) Priority Date	:01/10/2009	Address of Applicant :GAUSTADALLEEN 21, N-0349
(33) Name of priority country	:EPO	OSLO, NORWAY Norway
(86) International Application No	:PCT/GB2010/001846	(72)Name of Inventor:
Filing Date	:01/10/2010	1)JACOBSSON CHRISTER
(87) International Publication No	:WO 2011/039517	2)JOHANSSON MARTIN
(61) Patent of Addition to Application	:NA	3)SCHON JIMMY GIDO
Number	:NA	4)BRANDSTROM JENS NYGARDEN
Filing Date	.11/1	5)WETTERHEIM JANAME
(62) Divisional to Application Number	:NA	6)ELWING ERIK
Filing Date	:NA	

(57) Abstract:

A medical closure device (1;22) serves for coupling to a discharge opening of a device (34) protruding from a mammalian body. The medical closure device (1;22) comprises a coupling part (2;24) for engaging a part of the device protruding from the mammalian body. The coupling part (2;24) is a circumferential flexible member (5;25) delimiting a coupling opening (6;26) configurable between a relaxed configuration where the coupling opening (6;26) cannot pass over the medical device (34) and a stressed configuration where the coupling opening (6; 26) of the coupling part (2;24) can pass over the medical device (34). The coupling part (2;24) has securing means (11a,11b,11c,11d;27a,27b) for securing the coupling part to a closure part (3;23), such as a cap, an ostomy bag, a catheter, or an irrigation device, for subsequent closure of a discharge opening. [Fig. 1]



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

(21) Application No.2237/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: DURABLE UV CURABLE 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 	:30/08/2013 :WO 2014/036462 :NA :NA	(71)Name of Applicant: 1)ARMSTRONG WORLD INDUSTRIES, INC. Address of Applicant:2500 Columbia Avenue, Lancaster, PA 17603 U.S.A. (72)Name of Inventor: 1)TIAN, Dong; 2)LEININGER, Larry, W.; 3)WINEY, Rebecca, L.;
Filing Date	:NA	

(57) Abstract:

Described herein are UV curable coating comprising: an acrylate component a photoinitiator , an amine synergist, and an abrasive; along with methods of making and using same.

No. of Pages: 20 No. of Claims: 41

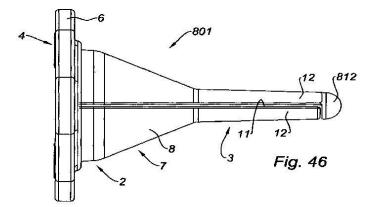
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DILATOR AND ASSEMBLY COMPRISING SUCH A DILATOR

(51) International classification	:A61F 13/26	(71)Name of Applicant:
(31) Priority Document No	:61/272,095	1)BE EASY IP
(32) Priority Date	:14/08/2009	Address of Applicant :75 PARC D'ACTIVITIES 8308
(33) Name of priority country	:U.S.A.	CAPELLEN LUXEMBOURG Luxembourg
(86) International Application No	:PCT/EP2010/061842	(72)Name of Inventor:
Filing Date	:13/08/2010	1)CHAFFRINGEON, BERNARD
(87) International Publication No	:WO 2011/018519	
(61) Patent of Addition to Application	:NA	
Number	:NA :NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention concerns a dilator (801) comprising a body having at least a proximal section (2) provided with a proximal end area (4) by which can be introduced a tampon (13), and a distal section (3) intended to be introduced into the vaginal wall of a user, said distal section being shaped so that: it can switch from an initial resting state, in which it delimits a longitudinal internal passage, the cross-section of which is smaller than the cross-section of the tampon, to a deployed state, in which the cross-section of the internal passage adapts to the cross-section of the tampon, so as to allow for the longitudinal movement of said tampon, it is long enough to allow for release of the tampon directly into the vaginal cavity, without said tampon being able to make any prolonged contact during intromission thereof with the area of the muscular narrowing of the vaginal wall.



No. of Pages: 51 No. of Claims: 22

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: OXYTOCIN RECEPTOR AGONISTS

 (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 	:A61K 38/11 :61/244,327 :21/09/2009 :U.S.A. :PCT/US2010/049714 :21/09/2010 :WO 2011/035330 :NA :NA	(71)Name of Applicant: 1)FERRING INTERNATIONAL CENTER S.A. Address of Applicant: CHEMIN DE LA VERGOGNAUSAZ 50, 1162 ST-PREX, SWITZERLAND. Switzerland (72)Name of Inventor: 1)WISNIEWSKI KSZIMIERZ A. 2)SCHTEINGART CLAUDIO DANIEL 3)ALAGARSAMY SUDARKODI 4)GALYEAN ROBERT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to oxytocin receptor agonist compounds, pharmaceutical compositions comprising the same, use of such compounds for the manufacture of a medicament for treatment of, inter alia, abdominal pain, irritable bowel syndrome (IBS), autism, erectile dysfunction, female sexual dysfunction, labor induction and maintenance, lactation induction and maintenance, postpartum hemorrhage, Post Traumatic Stress Disorder (PTSD), pain, anxiety and other conditions, as well as to methods for the treatment of such conditions, wherein such compounds are administered. The compounds are represented by the general formula (I), as further defined in the specification:

No. of Pages: 31 No. of Claims: 20

(21) Application No.2171/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ACRYLIC RUBBER COMPOSITION AND CROSSLINKED PRODUCT 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 	:C08L 33/06 :2009-190639 :20/08/2009 :Japan :PCT/JP2010/063927 :18/08/2010 :WO 2011/021641 :NA :NA :NA	(71)Name of Applicant: 1)DENKI KAGAKU KOGYO KABUSHIKI KAISHA Address of Applicant:1-1, NIHONBASHI-MUROMACHI 2- CHOME, CHUO-KU, TOKYO 103-8338 (JP) Japan (72)Name of Inventor: 1)YAMAGISHI, UICHIRO 2)ABE, YASUSHI 3)MIYAUCHI, TOSHIAKI
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(57) Abstract:

The present invention relates to an acrylic rubber composition that is unlikely to be deteriorated even when it is exposed to high temperature for a long time and that has excellent heat resistance and a cross-linked product of the composition. Provided is an acrylic rubber composition including an acrylic rubber and a functionalized silicone oil. Here, the functionalized silicone oil preferably has a particular polydimethylsiloxane structure having at least one binding site bonded with at least one of a monoamino group, a diamino group, a polyether group, an epoxy group, an alicyclic epoxy group, a hydroxyl group, a thiol group, a carboxyl group, a hydrogen group (Si-H group), a methacryl group, a phenol group, an alkoxy group, an ester group, an amide group, an alkyl group, a fluoroalkyl group, and a diol group and has a functional group equivalent weight of 1 to 100,000 (g/mol).

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

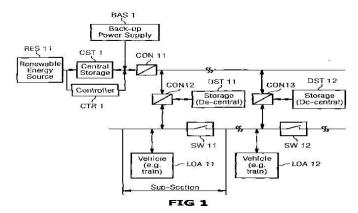
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEM TO STORE AND TO TRANSMIT ELECTRICAL POWER

(51) International classification	:H02J 3/02	(71)Name of Applicant:
(31) Priority Document No	:EP09012402	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:30/09/2009	Address of Applicant: WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MUNCHEN, GERMANY Germany
(86) International Application No	:PCT/EP2010/063316	(72)Name of Inventor:
Filing Date	:10/09/2010	1)STIESDAL; HENRIK
(87) International Publication No	:WO 2011/039045	2)WOLF; ERIK
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system to store and to transmit electrical power. The system comprises at least one storage system, at least one bidirectional converter, at least one load coupled to a network, wherein the load is adapted to both, receive electrical power from the network and supply electrical power to the network. A first storage system is used to store electrical power of a power source. The first storage system is connected to a first bidirectional converter by a DC power transmission system. The first bidirectional converter is connected to an AC network and the AC network is connected to a first load.



No. of Pages: 24 No. of Claims: 15

(21) Application No.2239/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND APPARATUS FOR OPTICAL COUPLING AND OPTO- ELECTRONIC CONVERSION

 (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 	:10/09/2013 :WO 2014/043089 :NA :NA	(71)Name of Applicant: 1)QUANTUM ELECTRO OPTO SYSTEMS SDN. BHD. Address of Applicant: Melaka Media House MITC City, Ayer Keroh, Melakia 75450 (MY). Malaysia (72)Name of Inventor: 1)WALTER, Gabriel
Filing Date	:NA	

(57) Abstract:

A method for converting an optical signal propagating in an optical fiber, into an electrical output signal, including the following steps: providing an optical interface having opposing flat surfaces and being formed of a material having a refractive index that is substantially higher than the refractive index of the optical fiber; disposing a first of the opposing flat surfaces of the interface adjacent an output end of the optical fiber, and disposing a photodetector adjacent a second of the opposing flat surfaces of the interface; whereby the optical signal is coupled into the photodetector and converted by the photodetector into an electrical output signal.

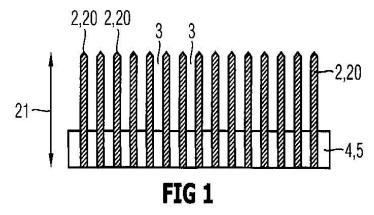
No. of Pages: 17 No. of Claims: 18

(22) Date of filing of Application :14/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: THREE-DIMENSIONAL MICRO-STRUCTURE, ARRANGEMENT WITH AT LEAST TWO THREE-DIMENSIONAL MICRO-STRUCTURES, METHOD FOR PRODUCING THE MICRO-STRUCTURE AND USE OF THE MICRO-STRUCTURE

(51) International classification	:B81C 99/00	(71)Name of Applicant:
(31) Priority Document No	:10 2009 043 414.3	1)SIEMENS AKTIEGESELLSCHAFT
(32) Priority Date	:29/09/2009	Address of Applicant :WITTELSBACHERPLATZ 2 80333,
(33) Name of priority country	:Germany	MUNCHEN, GERMANY Germany
(86) International Application No	:PCT/EP2010/063811	(72)Name of Inventor:
Filing Date	:20/09/2011	1)HEDLER HARRY
(87) International Publication No	:WO 2011/039070	2)ZAPF JORG
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date (62) Divisional to Application Number	.NY A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

The invention relates to a three-dimensional micro-structure comprising a plurality of adjacent micro-columns which are arranged at a distance from each other and essentially parallel in relation to the respective longitudinal extension, said micro-columns being made of at least one micro-column material having respectively an aspect ratio in the region of 20 -1000 and respectively a micro-column diameter in the region of 0,1 µm - 200 µm, and a micro-column intermediate chamber arranged between adjacent micro-columns having a micro-column distance selected from between the adjacent micro-columns in the region of 1 µm -100 µm. The invention also relates to a method for producing the three-dimensional micro-structures according to the following steps: a) a template is provided with template material, said template having a three-dimensional structure with column-like template cavities essentially inverse for the micro-structure, b) the micro-column material is arranged in the column-like cavities such that the micro-columns are formed, and c) the template material is at least partially removed. A silicon wafer is preferably used as the template. In order to provide the template, the PAECE (Photo Assisted Electro-Chemical Etching) method is used. Said invention enables micro-structures with extremely large surfaces to be produced.



No. of Pages: 36 No. of Claims: 23

(21) Application No.2180/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF FUEL STAGING IN COMBUSTION 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 Filing Date 	:30/11/2009 :WO 2011/031280 :NA :NA :NA	(71)Name of Applicant: 1)LEAN FLAME, INC. Address of Applicant: 1823 JEFFERSON PLACE, NW, WASHINGTON, DC 20036 U.S.A. U.S.A. (72)Name of Inventor: 1)KENDRICK DONALD W.
Filing Date	:NA	

(57) Abstract:

In one embodiment, a method is provided fuel staging for a trapped vortex (TVC) combustion apparatus comprising an inlet premixer, for injecting fuel-air mixture into the inlet of the combustion apparatus and a vortex premixer, for injecting fuel-air mixture into the recirculating vortex. The combustion apparatus may be part of an engine, such as a gas turbine engine. The method comprises varying the relative proportion of mixture introduced through the inlet and vortex premixers as a function of load.

No. of Pages: 38 No. of Claims: 31

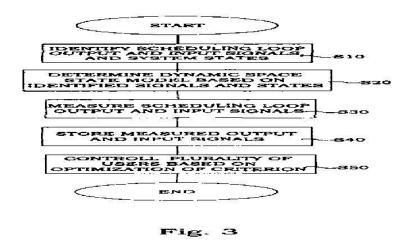
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR SCHEDULING CONTROL 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 	:11/12/2009 :WO 2011/071430 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)WIGREN, TORBJORN 2)GOODWIN, GRAHAM, C
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a method of uplink scheduling control in a telecommunication system comprising a node and a plurality of associated user equipment, performing the steps of identifying S10 scheduling loop output signals, scheduling loop input signals, and scheduling loop system states, determining S20 a dynamic space state model representative of a scheduling loop in said system, based on at least a subset of said identified scheduling loop output and input signals and said scheduling loop system states. Subsequently, measuring S30 and storing S40 at least a subset of said identified scheduling loop output signals and said identified scheduling loop input signals. Finally, controlling S50 the plurality of user equipment of said scheduling loop based on optimization of a criterion dependent of said determined dynamic space state model, said stored scheduling loop input signal, and said stored scheduling loop output signals.



No. of Pages: 42 No. of Claims: 17

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: DYNAMIC SPECTRUM BAND SELECTION FOR D2D COMMUNICATIONS

 (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 	:H04W72/04 :13/591795 :22/08/2012 :U.S.A. :PCT/IB2013/056741 :19/08/2013 :WO 2014/030114 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S -164 83 Stockholm Sweden (72)Name of Inventor: 1)DIMOU, Konstantinos;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure provides systems and methods for selecting a resource for a direct device- to -device (D2D) communication link between wireless devtces in a cellular communication network, in one embodiment, a control node in a cellular communication network selects a resource for a direct D2D communication link between a first wireless device and a second wireless device based on one or more criteria including a service area type of a service area within the cellular communication network in which the first wireless device and the second wireless device are located - The service area type is either homogeneous or heterogeneous. The control node communicates an indicator of the resource selected for the direct D2D communication link; to the first wireless device and/or the second wireless device. Thereafter , the first and second wireless devtces communicate over the direct D2D communication link using the selected resource.

No. of Pages: 49 No. of Claims: 26

(21) Application No.2244/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEM FOR INVESTIGATING A TEST BODY

(51) International classification	:G01M 7/08	(71)Name of Applicant:
(31) Priority Document No	:61/235,132	1)MATLSCHWEIGER, KLAUS
(32) Priority Date	:19/08/2009	Address of Applicant :WOLFSBERG 110, A-8421
(33) Name of priority country	:U.S.A.	WOLFSBERG, AUSTRIA Austria
(86) International Application No	:PCT/EP2010/062072	(72)Name of Inventor:
Filing Date	:18/08/2010	1)MATLSCHWEIGER, KLAUS
(87) International Publication No	:WO 2011/020868	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for investigating a test body, wherein the device comprises a mounting unit for fixedly mounting the test body during the entire investigation, an electric drive unit adapted for mechanically driving the mounting unit and the test body mounted thereon, and a control unit adapted for controlling the electric drive unit to accelerate the test body mounted on the mounting unit, wherein the device is adapted so that the mounting unit and the test body mounted thereon are mechanically driven exclusively by the electric drive unit, wherein the electric drive unit comprises an electric linear motor.

No. of Pages: 53 No. of Claims: 33

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPOUNDS AS LYSOPHOSPHATIDIC ACID RECEPTOR ANTAGONISTS

		(71)Name of Applicant:
(51) International classification	:C07D 261/14	1)AMIRA PHARMACEUTICALS, INC.
(31) Priority Document No	:61/247,861	Address of Applicant :ROUTE 206 AND PROVINCE LINE
(32) Priority Date	:01/10/2009	ROAD, PRINCETON, NEW JERSEY 08543-4000 U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/051199	1)SEIDERS THOMAS JON
Filing Date	:01/10/2010	2)ZHAO LUCY
(87) International Publication No	:WO 2011/041729	3)ARRUDA JEANNIE M.
(61) Patent of Addition to Application	:NA	4)STEARNS BRIAN ANDREW
Number	:NA :NA	5)TRUONG YEN PHAM
Filing Date	:INA	6)SCOTT JILL MELISSA
(62) Divisional to Application Number	:NA	7)HUTCHINSON JOHN HOWARD
Filing Date	:NA	8)STOCK NICHOLAS SIMON
		9)VOLKOTS DEBORAH

(57) Abstract:

Described herein are compounds that are antagonists of lysophosphatidic receptor(s). Also described are pharmaceutical compositions and medicaments that include the compounds described herein, as well as methods of using such antagonists, alone and in combination with other compounds, for treating LPA- dependent or LPA-mediated conditions or diseases.

No. of Pages: 103 No. of Claims: 17

(21) Application No.2178/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: OPHTHALMOSURGICAL MEASURING 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 SU.S.A. (PCT/EP2010/006247 (72)Name of Inventor: 1)KUEBLER CHRISTOPH 2)EICHLER MICHAEL 3)MAIER TOBIAS **NA** **NA**	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:13/10/2010 :WO 2011/045033 :NA :NA :NA	1)KUEBLER CHRISTOPH 2)EICHLER MICHAEL
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(57) Abstract:

The invention relates to an ophthalmosurgical measuring device (100) having: an irrigation line (4) through which irrigation fluid (3) can be transported, an aspiration line (7) through which aspiration fluid can be transported to a suction pump (8), and a sensor (10) with which a differential pressure between irrigation line (4) and aspiration line (7) can be detected.

No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMBUSTION CAVITY LAYOUTS FOR FUEL STAGING IN TRAPPED VORTEX COMBUSTORS

(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	EF02C 1/00 :61/241,940 :13/09/2009 :U.S.A. :PCT/US2009/066125 :30/11/2009 :WO 2011/031281 :NA :NA	(71)Name of Applicant: 1)LEAN FLAME, INC. Address of Applicant:1823 JEFFERSON PLACE, NW, WASHINGTON, DC 20036, USA. U.S.A. (72)Name of Inventor: 1)KENDRICK DONALD W.
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(57) Abstract:

In one embodiment, alternative combustion cavity layouts are provided for practicing fuel staging in a trapped vortex (TVC) combustion apparatus comprising an inlet premixer, for injecting fuel-air mixture into the inlet of the combustion apparatus and one or more vortex premixers, for injecting fuel-air mixture into the recirculating vortex within each of one or more trapped vortex cavities. A plurality of TVC cavities, may, for example, be laid out axially, radially, peripherally, internally, or in combinations of such arrangements. These layouts may be used in conjunction with a fuel staging method whereby the relative proportion of mixture introduced through the inlet and the respective vortex premixers can be varied as a function of operating conditions.

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

(19) INDIA

(22) Date of filing of Application :14/03/2012

(21) Application No.2248/DELNP/2012 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: AERATION DEVICE

(51) International classification	:B31C	(71)Name of Applicant:
(31) Priority Document No	:2009903870	1)ACTIVE BIO-CULTURE INTERNATIONAL PTY LTD
(32) Priority Date	:18/08/2009	Address of Applicant :5 Dogtrap Road Ourimbah NSW 2258
(33) Name of priority country	:Australia	Australia
(86) International Application No	:PCT/AU2010/001051	(72)Name of Inventor:
Filing Date	:17/08/2010	1)SOO Man Heng
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An aeration device (100) comprises a conduit (101) having a conduit outlet end portion (105) terminating in an outlet (103) at one end of the conduit (101), a conduit inlet end portion (104) terminating in an inlet (102) at an opposing end of the conduit (101) and a conduit riser portion (106) located between the conduit outlet end portion (105) and the conduit inlet end portion (104). The gas delivery port (107) delivers a gas into the conduit riser portion (106). A gas delivery device (108) communicates with the gas delivery port (107). A float (110) maintains the conduit outlet end portion (105) in a position extending at least partially along, or at least partially generally parallel and adjacent to, the surface (3) of a body (2) of liquid with the conduit inlet portion (104) disposed in the body (2) of liquid at a level below the conduit outlet end portion (105).

No. of Pages: 20 No. of Claims: 18

(21) Application No.2248/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: ACCESSORY DRIVE GEARBOX FOR CONTROLLING THE FLAPS OF AN AIRCRAFT

(51) International :B64D33/00,B64C13/36,B64C13/40

classification

(31) Priority Document No (32) Priority Date

:1258289 :05/09/2012

(33) Name of priority country: France (86) International Application :PCT/FR2013/051978

Filing Date

:27/08/2013

(87) International Publication :WO 2014/037650

(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)TURBOMECA

Address of Applicant :BP 2, F- 64511 Bordes Cedex France

(72)Name of Inventor:

1)LE BORGNE, Eric;

2)MACHIN, Alexandre;

The invention relates to an accessory drive gearbox for an aircraft turbine engine, said gearbox (140) comprising a box (42), a linkage (115) for controlling flaps of the aircraft, which linkage is designed to slide axially inside said gearbox (140), and an actuator (120) for driving said linkage (115) and mounted on said box (42), said actuator (120) comprising a hollow body (121), a piston (123) designed for translational movement inside said body (121) and a piston rod (112) connected to said piston (123) and extending at least partially outside the body (121) of the actuator (120), said rod (122) being connected to the linkage (115), the gearbox (140) being characterized in that the body (121) of the actuator (120) is positioned between the connection between the rod (112) and the linkage (115), and the box (42) of the gearbox (140).

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

(21) Application No.2114/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SPARK PLUG

(51) International classification	:H01L	(71)Name of Applicant:
(31) Priority Document No	:2009-209891	1)NGK SPARK PLUG CO. LTD.
(32) Priority Date	:11/09/2009	Address of Applicant :14-18 Takatsuji-cho Mizuho -ku
(33) Name of priority country	:Japan	Nagoya-shi Aichi 4678525 Japan. Japan
(86) International Application No	:PCT/JP2010/004900	(72)Name of Inventor:
Filing Date	:04/08/2010	1)SUZUKI Akira
(87) International Publication No	: NA	2)MUSASA Mamoru
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NT A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Problem is to enhance the welding strength when a projecting shape section is resistance-welded to a ground electrode. A ground electrode 30 includes a ground electrode base material 35 and a projecting shape section 36. The projecting shape section 36 is connected by resistance welding to an opposite surface 32 of the ground electrode 30 so as to be opposite and project towards the leading end of a center electrode 20. The ground electrode base material 35 and the projecting shape section 36 are formed from a material that is composed of the same metal (for example nickel) as a main component and have a relation of formulas (1) and (2) described below. In formula (1) the specific resistance of the ground electrode base material 35 is R (μ Ocm) and the specific resistance of the projecting shape section 36 is S (μ Ocm). ...

No. of Pages: 33 No. of Claims: 8

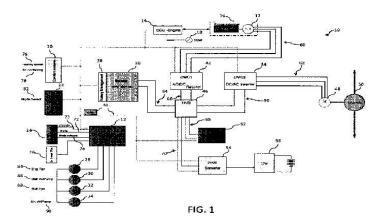
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRIC VEHICLE AND ON-BOARD BATTERY CHARGING APPARATUS THEREFORE

 (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 	:B60K 6/46 :09170400.7 :16/09/2009 :EPO :PCT/US2010/049167 :16/09/2010 :WO 2011/035056 :NA :NA :NA	(71)Name of Applicant: 1)SWISSAUTO POWERSPORT LLC Address of Applicant: BUCHMATTSTRASSE 46 3400 BURGDORF SWITZERLAND Switzerland (72)Name of Inventor: 1)WENGER, URS 2)KOHLER, BEAT, RENE 3)JENNI, HANS-RUDOLPH
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(57) Abstract:

An electric vehicle and a range extender engine are shown including the controls to operate the same.



No. of Pages: 91 No. of Claims: 122

(21) Application No.2182/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BANDWIDTH ALLOCATION METHOD AND OPTICAL LINE TERMINAL

(57) Abstract:

The present invention discloses a bandwidth allocation method and an optical line terminal (OLT). This method is used for the OLT to allocate bandwidth to an optical network unit (ONU) and includes: estimating input traffic of the ONU according to information from the ONU (S302); setting an input traffic transition signal (S304), wherein the input traffic transition signal is used for indicating a change of the input traffic of two adjacent dynamic bandwidth allocation DBA cycles of the ONU; and allocating the bandwidth to the ONU according to the input traffic of the ONU and the input traffic transition signal (S306). With the present invention, a steady bandwidth allocation, a good transmission delay and a sufficient use of uplink bandwidth are obtained.

No. of Pages: 30 No. of Claims: 14

(21) Application No.2252/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR POWER-FAIL PROTECTION OF COMMUNICATION EQUIPMENT, AND POWER CONTROLLER

 (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 12/14 :NA :NA :NA :PCT/CN2009/073711 :02/09/2009 :WO 2011/026270 :NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN, GUANGDONG PROVINCE 518057, P.R.CHINA China (72)Name of Inventor: 1)DEMING TAO
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(57) Abstract:

The invention discloses a method and a system for power-fail protection of communication equipments, and a power controller. The method is applied to a system comprising a power controller, a power detection unit, and an energy storage conversion unit. The method includes: a power controller acquires the information of one or more circuit boards requiring protection in an equipment; when the power controller determines the equipment is currently in power-fail status, the power controller indicates to gate the switches between an energy storage conversion unit and one or more circuit boards, and provides the pre-stored electric energy to the one or more circuit boards.

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

(21) Application No.2252/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: AUGMENTED REALITY APPARATUS AND METHOD

(51) International :H04N5/232,H04N5/262,G06K9/00

classification (31) Priority Document No :1216210.3

(32) Priority Date :12/09/2012 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2013/052382

:12/09/2013 Filing Date

(87) International Publication

:WO 2014/041352

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

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

(71)Name of Applicant: 1)APPEARTOME LTD

Address of Applicant: The Catalyst, York Science Park,

Heslington, York Yorkshire YO10 5GA U.K.

(72) Name of Inventor:

1)KNIGHT, Christopher George;

2) RILEY, James Patrick;

(57) Abstract:

An augmented reality experience is provided to a user of a hand held device, such as a mobile phone, which incorporates an electronic processor, a camera and a display. In particular, images taken from video footage are displayed in a display of a hand held device together with a live camera view, to create the illusion that the subject of the video - ie the virtual moving image - is present in the field of view of the camera in real time. In this context the term real world image means an image taken from reality, such as a physical, real -world scenario using an electronic photo- capture technique, e.g. video recording. A camera (10) of a hand held device is aimed at a well known object (12), which is recognisable to the device. A moving virtual image (14) of an actor playing the part of an historical figure, chosen because of its relevance to the object (12) is displayed.

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

(21) Application No.2186/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: GASIFICATION COOLING SYSTEM HAVING SEAL

 (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 	:12/567661 :25/09/2009 :U.S.A. :PCT/US2010/045185 :11/08/2010 :WO 2011/037697 :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)ABBASI, YASIR HAFEEZ 2)GUO, CLIFF YI 3)TABER, WADE ALBERT 4)ZHANG, XINYUAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system, in certain embodiments, includes a gasification cooling system having an annular seal with a bellows. For example, the gasification cooling system may include a housing with an inlet, an outlet, and an interior between the inlet and the outlet, wherein the interior has a throat adjacent the inlet, and the throat expands in a flow direction from the inlet toward the outlet. The annular seal may be disposed in the throat of the housing, wherein the annular seal includes the bellows.

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

(22) Date of filing of Application :13/03/2012

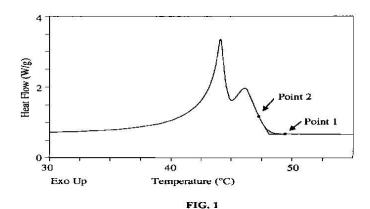
(43) Publication Date: 21/08/2015

(54) Title of the invention : SUBSTRATE COMPRISING A LOTION COMPOSITION LIMITING THE ADHERENCE OF FECES OR MENSES TO THE SKIN

 (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 	:A61L 15/34 :61/243,645 :18/09/2009 :U.S.A. :PCT/US2010/048838 :15/09/2010 :WO 2011/034867 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, U.S.A. U.S.A. (72)Name of Inventor: 1)VEGA, VICTOR, NICHOLAS 2)BRYSON, LINDA
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(57) Abstract:

A lotion composition applied on the body facing surface of an absorbent article such as a diaper, training pant, adult incontinence product, feminine hygiene product, improves the ease of removal of feces or menses after an absorbent article comprising the lotion composition has been used and removed from the wearer. The lotion composition may also suitably be applied on a wipe. The lotion composition is advantageously readily processable, even at high speed.



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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

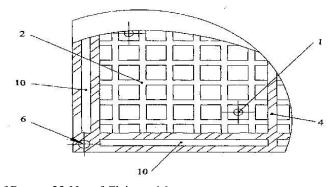
(54) Title of the invention: INSULATING MOLDED PART AND METHOD FOR THE PRODUCTION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B32B 3/24 :GM 594/2009 :24/09/2009 :Austria :PCT/AT2010/000224 :17/06/2010	(71)Name of Applicant: 1)SIEGFRIED BERGHAMMER Address of Applicant:STORCHENWEG 16, 4030 LINZ, AUSTRIA Austria (72)Name of Inventor: 1)SIEGFRIED BERGHAMMER
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:17/06/2010 :WO 2011/035352 :NA :NA	(72)Name of Inventor: 1)SIEGFRIED BERGHAMMER
Filing Date	:NA :NA	

(57) Abstract:

An insulating molded part, comprising an upper part (7) and a bottom part (8), in which it is provided in accordance with the invention that the upper part (7) and the bottom part (8) are arranged as integral injection-molded or die-casting parts which comprise cavities in their interior which are respectively arranged as chambers (3) that are separated from one another in an air-tight manner. It is proposed in a respective method for producing such an insulating molded part that in a first method . step the composite material of the upper part (7) is introduced into a first mold with additions of natural materials or recycling materials within the scope of an injection-molding or die-casting method, and in a second method step the composite material of the bottom part (7) is introduced into a second mold with additions of natural materials or recycling materials within the scope of a fusible core process, with the second mold containing a fusible core with individual fusible bodies which are in connection with the exterior via openings (1) in the second mold, and the fusible bodies are molten out after the second method step for forming individual chambers (3). Fig. 2

Fig. 2



No. of Pages: 23 No. of Claims: 16

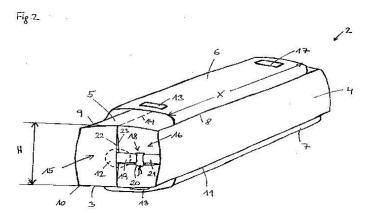
(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PACKAGING CONTAINER FOR BITUMEN

 (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 	:GM 584/2009 :18/09/2009 :Austria :PCT/EP2010/063680 :17/09/2010 :WO 2011/033051 :NA :NA	(71)Name of Applicant: 1)POLYCUBE SYSTEMS GMBH Address of Applicant: MITLOHNERSTRASSE 6, 2560 BERNDORF, AUSTRIA Austria (72)Name of Inventor: 1)ROSEMARIE BUGL 2)MICHAEL KREGER
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Large-volume packaging container (2) made of flexible material, preferably made of polypropylene fabric, having a rectangular contact surface (3), on which the packaging container (2) is stored in the transport position, as well as four lateral surfaces (4) and one cover surface (5), for the transport of bitumen, contact surface (3), lateral surfaces (4), and cover surface (5) preferably each being connected by seams to the adjacent surface(s), characterized in that each lateral surface (4) has the form of a rectangle and at least one first side length (10, 11) of the contact surface (3) is longer by more than 40%, preferably by more than 50%, and particularly preferably by more than 100% than the height (H) of the packaging container (2). Figure 2



No. of Pages: 14 No. of Claims: 8

(21) Application No.2255/DELNP/2015 A

1)BAYER HEALTHCARE LLC

Address of Applicant: 100 Bayer Boulevard, Whippany, New

(71)Name of Applicant:

Jersey 07981- 0915 U.S.A.

(72)Name of Inventor:

1)MA, Xinghang; 2)XIANG, Jun;

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: ANTI-PROLACTIN RECEPTOR ANTIBODY FORMULATIONS

(51) International classification :A61K39/395,C07K16/28,A61P5/00

(31) Priority Document No :61/695949

(32) Priority Date :31/08/2012(33) Name of priority country:U.S.A.

(86) International Application :PCT/US2013/056976

No :28/08/2013 Filing Date

(87) International Publication :WO 2014/036076

(61) Patent of Addition to

Application Number Filing Date :NA

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

3)NIU, Jianjie;

(57) Abstract:

Provided are a wide concentration range, especially high concentration substantially salt- free anti- prolactin receptor a,ntibody formulations that are substantially isosmotic and of low viscosity.

No. of Pages: 63 No. of Claims: 36

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPOSITION COMPRISING CIS-1,1,1,4,4,4-HEXAFLUORO-2 BUTENE AND TRANS-1,2-DICHLOROETHYLENE, APPARATUS CONTAINING SAME AND METHODS OF PRODUCING COOLING THEREIN

 (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 	:C09K 5/04 :61/242,875 :16/09/2009 :U.S.A. :PCT/US2010/048944 :15/09/2010 :WO 2011/034929 :NA :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. U.S.A. (72)Name of Inventor: 1)KONTOMARIS, KONSTANTINOS
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(57) Abstract:

Disclosed herein is an air conditioning or refrigeration apparatus, and in particular, a chiller apparatus containing a composition comprising l,l,l,4,4,4-hexafluoro-2-butene and 1,2-dichloroethylene, wherein the l,l,l,4,4,4-hexafluoro-2-butene is cis isomer or primarily cis isomer and wherein the 1,2-dichloroethylene is trans isomer or primarily trans isomer. These chillers may be flooded evaporators or direct expansion evaporators, which utilize centrifugal compressors. Also disclosed herein are methods for producing cooling comprising evaporating a composition comprising cis-1,1,1,4,4,-hexafluoro-2-butene and trans-1,2-dichloroethylene in the vicinity of a body to be cooled. Also disclosed herein are compositions comprising cis-1,1,1,4,4,4-hexafluoro-2-butene and trans-1,2-dichloroethylene, wherein the cis-1,1,1,4,4,4-hexafluoro-2-butene is present at 50 to about 60 weight percent.

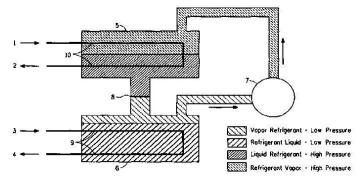


FIG. 1

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

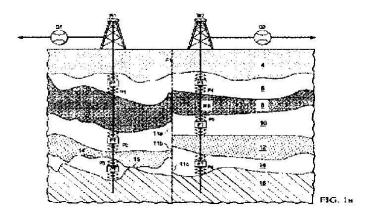
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: RESERVOIR ARCHITECTURE AND CONNECTIVITY ANALYSIS

 (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 	:E21B 49/00 :61/233,897 :14/08/2009 :U.S.A. :PCT/US2010/044415 :04/08/2010 :WO 2011/019565 :NA :NA :NA	(71)Name of Applicant: 1)BP CORPORATION NORTH AMERICA INC. Address of Applicant:4101 WINFIELD ROAD, WARRENVILLE, ILLINOIS 60555, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)LEVITAN, MICHAEL, M.
Filing Date	:NA	

(57) Abstract:

An interactive system and method of operating the system to define and evaluate a model of a hydrocarbon reservoir. The reservoir model is defined from extrinsic information such as seismic surveys, well logs, and the like, and is based on elements of formation regions, connections among the regions, wells, and perforations. A boundary-element method is used to determine pressure interference responses, corresponding to the pressure at a perforation in response to a single perforation producing fluid at a unit flow rate. These pressure interference responses are then convolved with measured well flow rates obtained during production to arrive at estimates of the wellbore pressure at one or more wells of interest. The estimated wellbore pressure can be compared with downhole pressure measurements to validate the reservoir model, or to provoke the user into modifying the model and repeating the evaluation of the model.



No. of Pages: 118 No. of Claims: 30

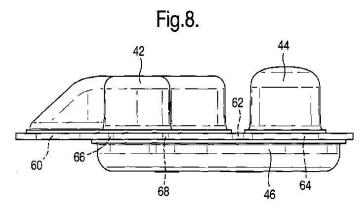
(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: AN ELECTRONIC DEVICE

(51) International classification	:B63C 11/34	(71)Name of Applicant:
(31) Priority Document No	:0916057.3	1)BAE SYSTEMS PLC
(32) Priority Date	:15/09/2009	Address of Applicant :6 CARLTON GARDENS, LONDON
(33) Name of priority country	:U.K.	SW1Y 5AD, UNITED KINGOMD U.K.
(86) International Application No	:PCT/GB2010/051537	(72)Name of Inventor:
Filing Date	:14/09/2010	1)ANDREW TONGE
(87) International Publication No	:WO 2011/033294	2)BRIAN GEORGE GOUGH
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electronic device comprising a support plate together with a first and a second cover is provided. One or more electrical components are mounted on the support plate. The first cover is located on and connected to a first surface of the support plate. The first cover is configured and positioned to cover and thereby define a first sealed cavity over the, or each, respective component. The second cover is located on and connected to a second, opposing, surface of the support plate. The second cover is configured to define a second sealed cavity and is positioned to, at least partially, overlap a region of the support plate covered by the first cover.



No. of Pages: 18 No. of Claims: 22

(21) Application No.2257/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : PILOT SIGNAL CONFIGURATION METHOD ,ASSOCIATED WIRELESS NETWORK NODE, PILOT- SIGNAL- BASED RECEPTION METHOD AND ASSOCIATED USER EQUIPMENT

(51) International classification	:H04W88/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/CN2012/084573	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:14/11/2012	Address of Applicant :SE -164 83 Stockholm Sweden
(33) Name of priority country	:China	(72)Name of Inventor:
(86) International Application No	:PCT/CN2013/085438	1)ZHANG, Zhang
Filing Date	:18/10/2013	2)GU, Xinyu;
(87) International Publication No	:WO 2014/075531	3)MIAO, Qingyu;
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		1

(57) Abstract:

The present disclosure discloses a pilot signal configuration method in a wireless communication system and an associated wireless network node. The method comprises allocating a dedicated pilot signal to a User Equipment (UE) within a combined cell. The method further comprises selecting from all Transmit- Receive Points (TRPs) within the combined cell, at least one TRP in the proximity of the UE for transmission of the dedicated pilot signal to the UE. The present disclosure further provides a pilot- signal-based reception method in a wireless communication network and an associated UE.

No. of Pages: 25 No. of Claims: 19

(21) Application No.2057/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ANDROGEN RECEPTOR ANTAGONISTS AND USES 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 	:08/09/2010 :WO 2011/029392 :NA :NA	(71)Name of Applicant: 1)TONG, YOUZHI Address of Applicant:218 XINGHU STREET, A3 BUILDING, SUITE 218, SUZHOU INDUSTRIAL PARK, SUZHOU, JIANGSU 215123, P.R. CHINA China (72)Name of Inventor: 1)TONG, YOUZHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to novel substituted thioimidazolidinone compounds and pharmaceutical compositions comprising such compounds for treatment of androgen receptor-associated diseases or disorders, such as prostate cancer, benign prostatic hypertrophy, male hair loss, muscle loss, acne and hirsutism.

No. of Pages: 101 No. of Claims: 65

(22) Date of filing of Application: 12/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: A FUEL FLOWMETER HAVING AN IMPROVED REGULATOR DEVICE

(51) International classification	:F02C 7/232	(71)Name of Applicant:
(31) Priority Document No	:0956540	1)TURBOMECA
(32) Priority Date	:23/09/2009	Address of Applicant :BP 2-64510 BORDES, FRANCE
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2010/051779	(72)Name of Inventor:
Filing Date	:26/08/2010	1)PHILIPPE JEAN RENE MARIE BENEZECH
(87) International Publication No	:WO 2011/036363	2)BRUNO FACCA
(61) Patent of Addition to Application	:NA	3)LUDOVIC ALEXANDRE LEGLISE
Number	:NA	4)CEDRIC ROGER ZORDAN
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a fuel flowmeter (110) for being fed by a pump (112) having an inlet (112a) and an outlet (112b), said flowmeter comprising: a metering valve (114) having an inlet (114a) and an outlet (114b), said valve being arranged downstream from the outlet of the pump; a return circuit (122) connecting the inlet of the metering valve to the inlet of the pump; and a pressure regulator device (116) comprising a movable valve member suitable for closing and opening the return circuit, a pressure difference detection surface (118) fastened to the valve member (124) and axially separating a first chamber (126) in communication with the inlet of the metering valve from a second chamber (130) in communication with the outlet from the metering valve, a piston (150) axially separating the second chamber (130) from a third chamber (152) connected to the outlet of the metering valve, said piston including a coupling member (170) suitable for co-operating with the valve member, a second spring (164) arranged in the third chamber while exerting axial thrust on the piston tending to keep the piston decoupled from the valve member, the regulator device also including a channel (154) putting the second chamber (130) in communication with the third chamber (152).

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

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DIAGNOSTIC COMPOSTION COMPRISING PLASMA CATION HAVING SUPERIOR SAFETY PROFIEL

 (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 	:A61K 49/04 :09174413.6 :29/10/2009 :EUROPEAN UNION :PCT/EP2010/066351 :28/10/2010 :WO 2011/051387 :NA :NA	(71)Name of Applicant: 1)GE HEALTHCARE AS Address of Applicant: P.O. BOX 4220 N, NYCOVEIEN 1-2, N-0401 OSLO, NORWAY Norway (72)Name of Inventor: 1)LARS-GORAN WISTRAND 2)MIKKEL THANING 3)BEN NEWTON
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(57) Abstract:

The present invention relates to a new diagnostic X-ray composition which exhibits a superior cardiac safety profile. The composition comprises a non-ionic iodinated dimer in a pharmaceutically acceptable carrier. More particularly, the invention provides a diagnostic composition comprising a Compound I, Compound I a pharmaceutically acceptable carrier, and dissolved therein a sodium compound and a calcium compound providing a sodium ion concentration of 40-50 mM and a calcium ion concentration of 0.1-0.7 mM. The invention also relates to methods of imaging using such diagnostic compositions.

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

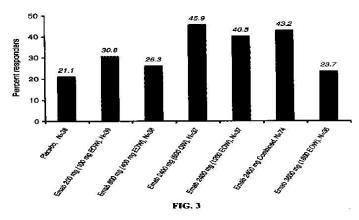
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISEASES WITH EPRATUZUMAB

(51) International classification	:C07K 16/28	(71)Name of Applicant :
(31) Priority Document No	:61/243,797	1)UCB PHARMA, S.A.
(32) Priority Date	:18/09/2009	Address of Applicant :INTELLECTUAL PROPERTY
(33) Name of priority country	:U.S.A.	DEPARTMENT, 60, ALLEE DE IA RECHERCHE, B-1070
(86) International Application No	:PCT/EP2010/005225	BRUSSELS, BELGIUM Belgium
Filing Date	:26/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/032633	1)NOVOTNEY-BARRY, ANNA-MARIE
(61) Patent of Addition to Application	:NA	2)HULHOVEN, REGINALD
Number	:NA	3)PARKER, GERALD, L.
Filing Date	.IVA	4)HOSKIN, VIOLET, A.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to the treatment of autoimmune or inflammatory disorders with antibodies to CD22. In particular, the invention relates to the treatment of autoimmune or inflammatory disorders with epratuzumab with a new dosing regimen. More particularly, the invention relates to the treatment of SLE.



No. of Pages: 44 No. of Claims: 17

(21) Application No.2264/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : NOVEL ALDEHYDES AND NITRILES FROM ISOPHORONE AND USE THEREOF IN PERFUMERY \bullet

 (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 	:C07 :0956422 :18/09/2009 :France :PCT/IB2010/054213 :17/09/2010 : NA	(71)Name of Applicant: 1)V. MANE FILS Address of Applicant:620 Route de Grasse F-06620 Bar Sur Loup France France (72)Name of Inventor: 1)MURATORE Agnes 2)CHANOT Jean-Jacques
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The invention relates to novel aldehydes and nitriles from isophorone with general formula (I) having a specific fragrance (Formula I) (I) as well as to the use of said compounds in perfumery.

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

(21) Application No.2264/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: LIQUID AGROCHEMICAL COMPOSITIONS COMPRISING A POLYMERIC THICKENER AND AN ALCOHOL CONTAINING SOLVENT SYSTEM AND LIQUID HERBICIDAL COMPOSITIONS HAVING AN ALCOHOL CONTAINING SOLVENT SYSTEM

(51) International :A01N43/90,A01N25/02,A01N25/10

classification

(31) Priority Document No :1218973.4 (32) Priority Date :19/10/2012

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

(86) International

:PCT/EP2013/071796 Application No

:17/10/2013 Filing Date

(87) International

:WO 2014/060557 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)SYNGENTA PARTICIPATIONS AG

Address of Applicant: Schwarzwaldallee 215, CH-4058 Basel

Switzerland

(72) Name of Inventor: 1)SCHNEIDER Rudolf

2)BLIND Philippe

(57) Abstract:

16 16 26The invention provides a liquid agrochemical composition preferably in the form of an emulsifiable concentrate (EC) comprising a mixture of: one or more agrochemically active ingredients (in particular comprising one or more herbicides); a C Calkyl methacrylate polymer (preferably an isobutyl methacrylate polymer); and a solvent system comprising: (c1) an alcohol solvent comprising hexylene glycol (2 methyl 2 4 pentanediol) benzyl alcohol diacetone alcohol (2 methyl 4 oxo pentane 2 ol) isobutanol n pentanol n hexanol n heptanol n octanol 2 ethyl hexanol cyclohexanol dipropylene glycol diethylene glycol monomethyl ether dipropylene glycol monomethyl ether ethylene glycol or a mixture of two or more of these alcohols(preferably hexylene glycol); and (c2) aheavy aromatic hydrocarbon solvent. The C Calkyl methacrylate polymer generally acts as a thickener which is suitable for the defined solvent system and which is for increasing the viscosity of the composition. The invention also provides a liquidherbicidal composition preferably in the form of an emulsifiable concentrate comprising a mixture of: (a) one or more agrochemically active ingredients comprising one or more herbicides wherein the one or more herbicides comprise: (a1) pinoxaden; (a2) florasulam or a salt; (a2a) metosulamor a salt: (a2b) diclosulam or a salt: (a2c) cloransulam methyl; or (a3) clodinafop propargyl; or a combination of either (a2) florasulam or (a2a) metosulamor a salt of one of these with (a1) pinoxaden and/or (a3) clodinafop propargyl; and (c)a solvent system comprising: (c3) a (C C alkylene) carbonate such as 1 2 propylene carbonate; and (c1a) an alcohol solvent comprising hexylene glycol benzyl alcohol diacetone alcohol isobutanol n pentanol n hexanol n heptanol n octanol 2 ethyl hexanol cyclohexanol dipropylene glycol diethylene glycol monomethyl ether dipropylene glycol monomethyl ether or a mixture of two or more of these alcohols(preferably benzyl alcohol).

No. of Pages: 78 No. of Claims: 51

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DEVICE FOR SURGICAL DISPLACEMENT OF VERTEBRAE

 (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 	:P-389148 :28/09/2009 :Poland	(71)Name of Applicant: 1)LFC SPOLKA Z O.O. Address of Applicant: UL. KOZUCHOWSKA 41 PL-65-364 ZIELONA GORA POLAND Poland (72)Name of Inventor: 1)CIUPIK, LECHOSLAW FRANCISZEK 2)SZPALSKI, MAREK 3)GUNZBURG, ROBERT 4)ZARZYCKI, DANIEL 5)PIENIAZEK, JERZY
ĕ	:NA :NA	

(57) Abstract:

Device for surgical displacement of vertebrae, which is composed of two parts co-working in a sliding way: a sliding part (1) with an internal thread and a carrier part (3), and also a driving element (4) with an external thread which is located between the parts. The driving element (4) is provided with a head (5). The sliding part (1) of the device is equipped with a threaded guideline (2) cooperating with the driving element (4) and a seat of a diameter corresponding with the head's (5) diameter and length greater than the head's (5) length. The carrier part (3) of the device has a cylindrical seat (12) of a diameter and length corresponding with the head's (5) diameter and length. The sliding part (1) and the carrier part (3) are provided with cooperating: at least one shaped element (8) and shaped element (9), which form a lock preventing separation of both parts in the direction perpendicular to the device longitudinal axis.

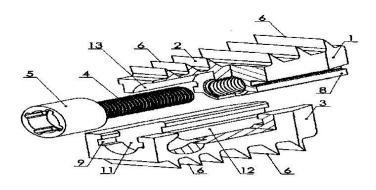


Fig. 2

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

(21) Application No.2195/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS FOR TREATING BRAIN TUMORS

 (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 	:A61K :61/243,648 :18/09/2009 :U.S.A. :PCT/US2010/048314 :09/09/2010 :WO 2011/034775 :NA :NA :NA	(71)Name of Applicant: 1)KOMINOX, INC. Address of Applicant: 1 CAYMAN FINANCIAL CENTRE, 36A DR. ROY'S DRIVE, GEORGE TOWN, GRAND CAYMAN KY1-1104, CAYMAN ISLANDS Cayman Island (72)Name of Inventor: 1)JO, YONG, JOON 2)YANG, YONG-JIN
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(57) Abstract:

The present invention relates to methods treating brain tumors comprising administering a subject in need thereof a therapeutically effective amount of sodium meta arsenite, alone or in combination with another anti-brain tumor medicament.

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

(21) Application No.2261/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: WORK IMPLEMENT AND RETAINING PIN 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 	:31/03/2011 :WO 2011/125794 :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2-3-6, AKASAKA, MINATO-KU, TOKYO 107-8414, JAPAN Japan (72)Name of Inventor: 1)DAIJIROU ITOU 2)KOUZOU ISHIDA 3)TAKANORI NAGATA 4)KEITA MUTOU
11	:NA :NA	1 '
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a retaining structure for a tooth (2) that makes use of a retaining pin assembly (4) that is inserted into through-holes (2a and 3a) through which the tooth (2) and an adapter (3) pass, a metal retaining pin (11) with no uneven surface is used as a member constituting the retaining pin assembly (4) for fixing the tooth (2) so that it will not fall off under a force exerted in the direction of moving the tooth (2) away from the adapter (3). Members made all of metal are used as bushings (14a and 14b), bolts (12a and 12b), and washers (13a and 13b) for keeping this retaining pin (11) from falling out of the through-holes (2a and 3a).

No. of Pages: 46 No. of Claims: 7

(21) Application No.2261/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: GROUP IVA FUNCTIONALIZED PARTICLES AND METHODS OF USE THEREOF

(51) International classification :H01M4/36,H01M4/38,H01M4/587

(31) Priority Document No :61/691641

(32) Priority Date :21/08/2012
(33) Name of priority country :U.S.A.
(86) International Application

(86) International Application :PCT/US2013/056043

Filing Date :21/08/2013

(87) International Publication

:WO 2014/031780

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

(71)Name of Applicant:

1)KRATOS LLC

Address of Applicant :145 Mansfield Circle Lexington South

Carolina 29073 U.S.A. (72)Name of Inventor: 1)KRATOS LLC

(57) Abstract:

Disclosed are functionalized Group IVA particles methods of preparing the Group IVA particles and methods of using the Group IVA particles. The Group IVA particles may be passivated with at least one layer of material covering at least a portion of the particle. The layer of material may be a covalently bonded non dielectric layer of material. The Group IVA particles may be used in various technologies including lithium ion batteries and photovoltaic cells.

No. of Pages: 118 No. of Claims: 80

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: GAS GENERATING DEVICE AND METHOD FOR GENERATING GAS

 (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 	:C25B 11/03 :2009-207777 :09/09/2009 :Japan :PCT/JP2010/005506 :08/09/2010 :WO 2011/030546 :NA :NA	(71)Name of Applicant: 1)MITSUI CHEMICALS, INC. Address of Applicant:5-2, HIGASHI-SHIMBASHI 1- CHOME, MINATO-KU, TOKYO 1057117, JAPAN Japan (72)Name of Inventor: 1)KEIJI UENO 2)MITSURU SADAMOTO 3)HIROKO WACHI 4)HIROSHI MAEKAWA
. /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a gas generating device for generating an oxygen gas and/or a hydrogen gas from an electrolytic solution (12) containing water, including an anode electrode (2), a cathode electrode (3), a plurality of through holes and a gas containing unit (21). The anode electrode (2) (photocatalyst supporting electrode) has a photocatalyst-containing layer containing a photocatalyst producing an oxygen gas from the electrolytic solution (12) by a photocatalytic reaction. The cathode electrode (3) produces a hydrogen gas from electrons and hydrogen ions that are generated in the electrolytic solution (12) by the photocatalytic reaction at the photocatalyst-containing layer. The through holes are formed on at least one of the anode electrode (2) and the cathode electrode (3), and the through holes allow the produced oxygen gas or hydrogen gas to pass therethrough, but do not allow the electrolytic solution (12) to pass therethrough. The gas containing unit (21) holds the oxygen gas or hydrogen gas that has passed through the through holes.

No. of Pages: 179 No. of Claims: 48

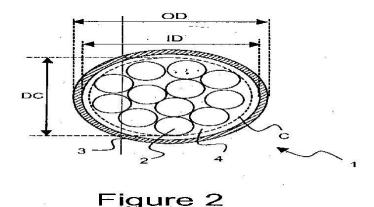
(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: OPTICAL COMMUNICATION CABLE AND MANUFACTURING PROCESS

 (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 	:G02B 6/44 :NA :NA :NA :PCT/EP2009/062491 :28/09/2009 :WO 2011/035814 :NA	(71)Name of Applicant: 1)PRYSMIAN S.P.A Address of Applicant: VIALE SARCA, 222, I-20126 MILANO, ITALY Italy (72)Name of Inventor: 1)ENRICO CONSONNI 2)DAVIDE CESCHIAT 3)SIL VIO FRIGERIO 4)FLAVIO TRIDELLO
Filing Date	:NA	4)FLAVIO TRIDELLO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

It is disclosed an optical cable for communications comprising at least one micromodule, the micromodule comprising a retaining element and number N of optical fibers housed in said retaining element. The diameter of a circumference encircling the number N of optical fibers is 90% to 95% of an inner diameter of the retaining element. The retaining element is made of a film grade polymeric material having an elongation at break equal to or higher than 500%, a melt flow index (MFI) lower than 3 g/10 min and a density lower than 1 g/cm3.



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

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHODS FOR MAKING POLYOLEFIN PRODUCTS HAVING DIFFERENT SHEAR THINNING PROPERTIES AND HAZE

(51) International classification	:C08F 10/00	(71)Name of Applicant:
(31) Priority Document No	:61/288,023	1)UNIVATION TECHNOLOGIES, LLC
(32) Priority Date	:18/12/2009	Address of Applicant :5555 SAN FELIPE, SUITE 1950,
(33) Name of priority country	:U.S.A.	HOUSTON, TX 77056, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/056786	U.S.A.
Filing Date	:16/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/075258	1)DONGMING LI
(61) Patent of Addition to Application	:NA	2)CHING-TAI LEU
Number	:NA	3)CHI-I KUO
Filing Date	.IVA	4)MARK G. GOODE
(62) Divisional to Application Number	:NA	5)STEFAN B. OHLSSON
Filing Date	:NA	

(57) Abstract:

Provided is a method for making a polyolefin comprising contacting one or more olefins in a reactor containing a catalyst; polymerizing the one or more olefins to produce an olefin polymer characterized by a first melt flow ratio (MFR) and a first haze; and altering the reaction temperature in the reactor to shift the first MFR to a MFR that is different than the first MFR and to shift the first haze to a haze that is different than the first haze.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMPROVEMENT FOR INTERNAL REAR VIEW MIRROR 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 	:G01N :PI0903001-8 :14/08/2009 :Brazil :PCT/BR2010/000260 :29/07/2010 : NA	(71)Name of Applicant: 1)METAGAL INDUSTRIA E COMERCIO LTDA Address of Applicant:Rodovia BR 459- Km 121- nr. 333 CEP 37540-000 - Santa Rita do Sapucai Estado de Minas Genrais Brazil Brazil (72)Name of Inventor: 1)MIYABUKURO Pedro Takashi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present abstract relates to a patent of invention for an interior rearview mirror system pertaining to the field of motor vehicle accessories essentially comprising: an interior rearview mirror system (1) associated with an electronic system for capturing and transmitting information of interest for the driver for operating the vehicle essentially comprising: an interior rearview mirror (1) having a prismatic mirror (2) provided with an integrated display (20) whose glass portion is intended to show characters that may be seen by an observer positioned in front of it; sensors (21) connected to the display (2) and mounted on the exterior rearview mirrors (30) and/or other suitable parts and/or mechanisms of the vehicle (200); and an associated electronic circuitry (40) that connects and supplies the display and sensors of the system.

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

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INTERNAL REAR VIEW MIRROR SYSTEM FOR MOTOR VEHICLES

 (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 	:B23B :PI 0902877-3 :14/08/2009 :Brazil :PCT/BR2010/000261 :29/07/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)METAGAL INDUSTRIA E COMERCIO LTDA Address of Applicant:Rodovia BR 459- Km 121- nr. 333 CEP 37540-000 - Santa Rita do Sapucai Estado de Minas Gerais Brazil Brazil (72)Name of Inventor: 1)MIYABUKURO Pedro Takashi
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(57) Abstract:

The present abstract relates to a patent of invention for an interior rearview mirror system pertaining to the field of automotive vehicle (200) accessories whose construction has been designed to enable the mirror to display the until then called blind spot • (102) located in the rearward of the vehicle; said system being comprised by: an interior rearview mirror (1); and an associated electronic image capturing system; and an electric-electronic power supply and driving circuitry (40) arranged to provide a full image of the region behind the vehicle (200) formed by images of regions (101) behind the vehicle usually captured by typical interior rearview mirrors (1) and images of the until then called blind spot • (102) behind the vehicle not usually captured by the usual rearview mirrors; said full image being seen in the mirror (2) of the interior rearview mirror (1) by an observer positioned in front of it.

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

(21) Application No.2272/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : CONTROLLING IMPEDANCE OF A SWITCH USING HIGH IMPEDANCE VOLTAGE SOURCES TO PROVIDE MORE EFFICIENT CLOCKING

 (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 	:13/601155 :31/08/2012 :U.S.A.	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES, INC. Address of Applicant: P.O. Box 3453, One AMD Place, Sunnyvale, California 94088 U.S.A. (72)Name of Inventor: 1)SATHE, Visvesh S.; 2)NAFFZIGER, Samuel D.;
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A clock system of an integrated circuit includes first (502) and second (504) transistors forming a switch that is used when switching the clock system (Clk) between a resonant mode of operation and a non- resonant mode of operation. An inductor forms a resonant circuit with capacitance of the clock system in resonant mode. The switch receives a clock signal (Clk) and supplies the clock signal to the inductor when the switch is closed and disconnects the inductor from the clock system when the switch is open. First (501) and second (503) high impedance voltage sources supply respective first and second voltages to the switch and a gate voltage of the first transistor transitions with the clock signal around the first voltage and a gate voltage of the second transistor transitions with the clock signal around the second voltage such that near constant overdrive voltages are maintained for the first and second transistors.

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

(22) Date of filing of Application :23/01/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND MOLD FOR PRODUCING AN OPENING IN A FIBER COMPOSITE COMPONENT

(51) International classification	:b29c	(71)Name of Applicant:
(31) Priority Document No	:10 2014	1)Dr. Ing. h.c. F. Porsche Aktiengesellschaft
(31) Thority Document 110	102 024.3	Address of Applicant :Porscheplatz 1, 70435 Stuttgart,
(32) Priority Date	:18/02/2014	Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)W-RNER, Lukas
Filing Date	:NA	2)FREYMLLER, Carsten
(87) International Publication No	: NA	3)G–TZE, DiplIng. Christian
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for introducing an opening on at least one component (B) of fiber composite material, wherein, in a first step, an opening (7) is introduced into the component (B) placed in a mold (1; 20) and, in a second step, a form (4; 27) fashioned in the same mold (1; 20) in the vicinity of the opening is filled with plastic, whereby the plastic forms a surround (5, 26) around the peripheral region of the component (B) that forms the opening (7).

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

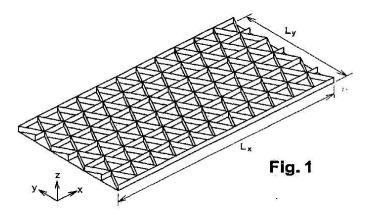
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD FOR THE STRUCTURAL ANALYSIS OF PANELS CONSISTING OF AN ISOTROPIC MATERIAL AND STIFFENED BY TRIANGULAR POCKETS

 (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 	:G06F 17/50 :0956286 :14/09/2009 :France :PCT/FR2010/051900 :13/09/2010 :WO 2011/030079 :NA	(71)Name of Applicant: 1)AIRBUS OPERATIONS (S.A.S.) Address of Applicant: 316 ROUTE DE BAYONNE, F-31060 TOULOUSE, FRANCE France (72)Name of Inventor: 1)GERARD COUDOUENT 2)PAOLO MESSINA
` '		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for dimensioning, by an analytical method, of an essentially plane panel consisting of a homogenous and isotropic material, said panel consisting of a skin reinforced by a set of three parallel bundles of stiffeners built into the panel. The pockets determined on the skin by said groups of stiffeners are triangular, the stiffeners are blade shaped and the stiffened panel must comply with specifications for mechanical resistance to predetermined external loads, the angles between bundles of stiffeners being such that the triangular pockets have any kind of isosceles form. Fig.1.



No. of Pages: 88 No. of Claims: 10

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FALLING FILM REACTOR FLUID DISTRIBUTORS AND 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 	:61/238,301 :31/08/2009 :U.S.A. :PCT/US2010/047204 :31/08/2010 :WO 2011/026058 :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)PHILIPPE CAZE 2)JEAN-MARC M. JOUANNO 3)JAMES S. SUTHERLAND 4)ROBERT S. WAGNER 5)PIERRE WOEHL
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fluid distribution or fluid extraction structure for honeycomb-substrate based falling film reactors is provided, the structure comprising a one or two-piece non-porous honeycomb substrate having a plurality of cells extending in parallel in a common direction from a first end of the substrate to a second and divided by cell walls, and a plurality of lateral channels extending along a channel direction perpendicular to the common direction, the channels defined by the absence of cell walls or the breach of cell walls along the channel direction, the channels being closed or sealed to fluid passage in the common direction but open to the exterior of the structure through one or more ports in a side of the structure, the channels being in fluid communication with the plurality of cells via holes or slots extending through respective cell walls, the holes or slots having a width and a length, the width being equal to or less than the length, and the width at widest being less than 150um. Methods of fabrication are also disclosed.

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

(21) Application No.2208/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DEVICE FOR DIVERTING GASEOUS TEST SAMPLES FROM A PRODUCTION PROCESS AND USE OF THE 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 	:G01N 30/88 :10 2009 043 947.1 :04/09/2009 :Germany :PCT/EP2010/059989 :12/07/2010 :WO 2011/026675 :NA :NA :NA	(71)Name of Applicant: 1)G+R TECHNOLOGY GROUP AG Address of Applicant:BAYERNSTRASSE 16, 93128 REGENSTAUF, GERMANY Germany (72)Name of Inventor: 1)ROBERT STOECKLINGER
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(57) Abstract:

The invention relates to a device for diverting gaseous test samp¬les, preferably in the production of poly-crystalline silicon. The device according to the invention is a flange-like compo¬nent (80) placed between each of the at least two pipe segments (11a, 11b, 21a, 21b, 41a, 41b) of the diverters (11, 21, 41).

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

(21) Application No.2278/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : INTRA-ORAL SALIVA REMOVAL CONTINUOUS POSITIVE AIR PRESSURE 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 	:C12S :201154 :24/09/2009 :Israel :PCT/IL2010/000752 :15/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)DISCOVER MEDICAL DEVICES LTD. Address of Applicant: 27 HaBarzel Street Tel Aviv 69710 Israel Israel (72)Name of Inventor: 1)LAVI Eran 2)MADJAR David
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(57) Abstract:

There is provided an intra-oral saliva-removal device for introduction into a buccal vestibulum between teeth and inner parts of lips and cheeks in a mouth of a patient the device comprising at least one uni-directional valve adapted to transfer fluids from a buccal side of the device to a lingual side thereof.

No. of Pages: 21 No. of Claims: 20

(21) Application No.2275/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PERFORMING COMMUNICATION TRANSFER SERVICE FOR ACCESS GATEWAY CONTROL FUNCTION USER

 (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 :200910093867.5 :22/09/2009 :China :PCT/CN2010/075235 :19/07/2010 : NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)YANG Qiang; 2)WANG Chen;
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(57) Abstract:

The disclosure provides a method for performing a communication transfer service for an access gateway control function user, comprising: after the AGCF user accesses to a public Switched Telephone Network/Integrated Services Digital Network Emulation Subsystem (PSTN/ISDN Emulation Subsystem (PES)), performing the communication transfer service for the AGCF user, by applying a tight/loose coupling mode between an AGCF and an application server (AS) and by applying an AS main control/end to end control mode between the AS and non-AGCF users. The disclosure also provides a system for performing a communication transfer service for an access gateway control function user, comprising: a communication transfer unit configured to perform the communication transfer service for the user belonging to the AGCF by applying a tight/loose coupling mode between the AGCF and an application server (AS) and by applying an AS main control/end to end control mode between the AS and non-AGCF users. The communication transfer service for a user belonging to the AGCF can be performed by using the method and the system of the disclosure.

No. of Pages: 45 No. of Claims: 14

(21) Application No.2275/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: POWER MODULE SUBSTRATE AND POWER MODULE

:H01L23/12,H01L23/36 (71)Name of Applicant : (51) International classification (31) Priority Document No :2012191607 1)MITSUBISHI MATERIALS CORPORATION (32) Priority Date Address of Applicant: 3-2, Otemachi 1-chome, Chiyoda-ku, :31/08/2012 (33) Name of priority country :Japan Tokyo 1008117 Japan (86) International Application No (72) Name of Inventor: :PCT/JP2013/067645 :27/06/2013 Filing Date 1)OI, Sotaro (87) International Publication No :WO 2014/034245 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a power module substrate which has further improved power cycle characteristics and heat cycle characteristics , and which is applicable to high integration said power module substrate having a multi layer structure. A plurality of circuit layer metal plates (4A- 4E, 5A, 5B) formed of copper or a copper alloy are bonded in a laminated state with a first ceramic substrate (2) therebetween, a metal member (12) is inserted into a through hole (11) formed in the first ceramic substrate (2) said metal member bringing both the circuit layer metal plates disposed on both the surfaces of the first ceramic substrate (2), into a connected state , second ceramic substrates (3) are bonded to the surfaces of the laminated state circuit layer metal plates (4A- 4E, 5A, 5B) said surfaces being on the one side of the laminated- state circuit layer metal plates , and a heat dissipating layer metal plate (6) formed of aluminum or an aluminum alloy is bonded to the surface of the second ceramic substrate (3) , said surface being on the reverse side of the circuit layer metal plates (4A- 4E, 5A, 5B).

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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR IDENTIFYING A TERMINAL

 (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) Petent of Addition to Application 	:H03H :200910176426.1 :14/09/2009 :China :PCT/CN2010/070548 :05/02/2010 : NA	(72)Name of Inventor : 1)HAN Lifeng;
ε		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The disclosure provides a method and system for identifying a terminal. The method comprises that: a source eNB that has received an RRC reestablishment message determines, according to a PCI of a cell where an RLF occurs in the massage, all target eNBs to which RLF information needs to be sent, and sends the RLF information to each determined target eNB; after receiving the RLF information, the target eNB determines the cell where the RLF occurs under the target eNB according to the PCI of the cell where the RLF occurs, and determines in each determined cell whether a C-RNTI of the terminal in the cell where the RLF occurs belongs to C-RNTIs existing in the cell; if the C-RNTI belongs to the C-RNTIs existing in the cell, then the terminal is determined to be a terminal of the cell, otherwise the terminal is determined not to be a terminal of the cell. The disclosure enables the terminal to be identified accurately and uniquely.

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

(21) Application No.2193/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :18/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: ALLOYED HOT DIP ZINC COATED STEEL SHEET AND METHOD FOR PRODUCING SAME

:C23C2/06,B21B3/00,C21D9/46 (71)Name of Applicant : (51) International classification 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 Tokyo 1008071 Japan (86) International Application No: PCT/JP2012/075708 Filing Date (72) Name of Inventor: :03/10/2012 (87) International Publication No: WO 2014/054141 1)SATO Hironori (61) Patent of Addition to 2)MAKI Jun :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An alloyed hot dip zinc coated steel sheet comprising a descaled rolled steel sheet and an alloyed hot dip zinc coating layer arranged on the descaled rolled steel sheet wherein the minimum value of the P content in the plating layer is 50% or more of the maximum value of the P content in the plating layer as measured at 10 measurement points which are provided by dividing a reference line segment having a length of 50 mm into 10 equal parts in the sheet width direction of the alloyed hot dip zinc coated steel sheet.

No. of Pages: 50 No. of Claims: 9

(21) Application No.2266/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: CARD FOR CONTAINING FOOD OR BEVERAGE INGREDIENTS

(51) International classification :B65D81/32,B6 (31) Priority Document No :12188389.6 (32) Priority Date :12/10/2012 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/071309 Filing Date :11/10/2013

(87) International Publication No :WO 2014/057098

(61) Patent of Addition to Application
Number

Filing Date
(62) Divisional to Application Number

Filing Date
:NA
Filing Date
:NA

:B65D81/32,B65D85/804 (71)Name of Applicant :

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55, CH- 1800 Vevey

Switzerland

(72)Name of Inventor:

1)FLICK, Jean-Marc;

(57) Abstract:

The present invention relates to a Card for containing food or beverage ingredients comprising: a substantially planar and rigid base portion, at least two ingredient compartments for storing the ingredients and at least two discharge portions, each discharge portions being linked to one of the compartments and extending along the plane of the base portion, and at least one sealing member provided on the base portion covering the compartments and discharge portions on the base portion side of the card, wherein the card is designed for insertion in a food and beverage preparation device in order to dispense the ingredients from the compartments via the discharge portions. The invention further relates to a food and beverage preparation system, comprising a card according to the invention and a food and beverage preparation device, as well as to a method for preparing food or beverages using the card.

No. of Pages: 60 No. of Claims: 16

(21) Application No.2267/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: A CAPSULE -BASED FOOD PREPARATION SYSTEM

(51) International :A47J31/00,A47J31/06,B65D85/804

classification

(31) Priority Document No (32) Priority Date

:12188391.2 :12/10/2012

(33) Name of priority country: EPO

(86) International Application: PCT/EP2013/070725

:04/10/2013

Filing Date

(87) International Publication :WO 2014/056802

(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)NESTEC S.A.

Address of Applicant : Av. Nestl 55, CH -1800 Vevey

Switzerland

(72) Name of Inventor:

1)TALON, Christian;

(57) Abstract:

The present invention concerns a food preparation system producing a food product, comprising a food preparation machine (500) with a receptacle (501) for a food capsule (300) and fluid injecting means (503), and a food capsule (300) comprising a capsule body (301), a cavity (302), a first end (303), an opening (305) communicating with said cavity (302), a second end (304) comprising at least one outlet (310, 311) communicating with said cavity (302), an injection wall (314), and at least one partition (306) dividing said cavity (302) into chambers (308, 309) containing a respective quantity of an alimentary substance (315, 316) and having at least one outlet (310, 311) with an independently -operable closure means (312, 313) in said second end (304), characterized in that the injection means (503) injects a quantity of fluid (508, 512) into said capsule (300) through a single injection point (504), and a sealing means (507A) selectively blocks fluid communication between said chambers (308, 309), resisting a pressure difference between said chambers (308, 309) of between 2 and 20 bar, preferably between 4 and 15 bar.

No. of Pages: 31 No. of Claims: 16

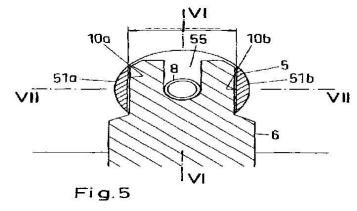
(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRICALLY CONTACTING AN ELECTRICAL COMPONENT

 (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 	:H01R 4/30 :10 2009 041 894.6 :18/09/2009 :Germany :PCT/EP2010/005337 :27/08/2010 :WO 2011/032643 :NA :NA :NA	(71)Name of Applicant: 1)BOMBARDIER TRANSPORTATION GMBH Address of Applicant: SCHONEBERGER UFER 1 10785 BERLIN GERMANY Germany (72)Name of Inventor: 1)SCHUPPLI, RUDOLF
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(57) Abstract:

The invention relates to an arrangement for electrically contacting an electrical component (2), in particular a capacitor for a power converter of a rail vehicle, wherein the electrical component (2) comprises a protruding pin (8) for applying and/or positioning parts of the arrangement in order to produce the electrical contact. The arrangement comprises the following: a) a first element (5), which has a first through-bore (21) extending in a longitudinal direction through the element (5) for inserting the pin (8), b) a second element (4), which has a second through-bore (21) extending in a longitudinal direction through the element (4) for inserting the pin (8), c) a contact plate of an electrically conductive material, which comprises a contact plate end region (6) via which the electrical is to be brought into contact with the electrical component (2), wherein the contact plate end region (6) has a slot (55) extending from a free end into the contact plate end region (6) and the width of the slot is sufficiently large to accommodate the pin (8), d) a fastening element (61).



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

(21) Application No.2198/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BELT RETRACTOR FOR SAFETY BELTS

 (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 	:20/08/2010 :WO 2011/02336 :NA :NA :NA	(71)Name of Applicant: 1)ADOLF FOHL GMBH + CO. KG. Address of Applicant: SCHONBLICK 17, 73635 RUDERSBERG, GERMANY Germany (72)Name of Inventor: 1)WIER, FRANZ 2)WIER, ISABEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A belt retractor for safety belts of motor vehicles comprises a housing frame made of plastic for receiving a belt reel. The housing frame 10 is designed an open, U-shaped frame, on the open front face of which a reinforcing plate 59 made of plastic is fastened. In addition, a belt retractor for safety belts of motor vehicles comprises a housing frame of plastics material for receiving a belt reel. A pawl co-operating with the belt reel is mounted in the housing frame. The pivoting path of the pawl is limited by a bearing surface formed in the housing frame.

No. of Pages: 35 No. of Claims: 31

(21) Application No.2199/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FILTERING SYSTEM FOR SWIMMING POOLS

 (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 	:B64G :VR2009A000124 :14/08/2009 :Italy :PCT/IB2010/053153 :09/07/2010 : NA :NA	(71)Name of Applicant: 1)BUSSINELLI Filippo Address of Applicant: Via Stefano da Zevio 62/B I-37059 Zevio (VR) Italy. Italy (72)Name of Inventor: 1)BUSSINELLI Filippo
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A natural filtering system for the treatment of swimming pool water and/or treatment processes in other applications involving the use of water (aqueducts wells drinking water purification plant filtering plant for the collection of rain water etc.) which can be installed inside compensation tanks in the case of swimming pools or in storage tanks or decantation tanks for other applications and where the compensation tank (26) is filled with a filtering mass (14) comprising microparticles of high-efficiency quartz sand or similar or other material suitable for treating water and where the mass is supported by at least one plate (15) extending over the entire surface of the compensation tank and where the plate rests on at least one micromesh net made from high-density polyethylene and where the water in the compensation tank (26) is purified by gravity-fed sprays (12) ...

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

(21) Application No.2270/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: STABILIZED CHLORINE DIOXIDE TO PRESERVE CARBOHYDRATE FEEDSTOCKS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (37) Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPA Address of Applicant: 1007 MARKET STREET WILMINGTON, DELAWARE 19898, U.S.A. U.S.A (72) Name of Inventor: 1)SUMNER ERIC GUY 2)OKULL DERRICK 3)SOLOMON ETHAN BARUCH **NA** **NA** **SOLOMON ETHAN BARUCH* **NA** **NA*	ET,
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(57) Abstract:

A process to preserve a carbohydrate feedstock against contaminant microorganisms comprises contacting the carbohydrate feedstock with a stabilized chlorine dioxide at a pH of at least 2.6. The carbohydrate feedstock preferably comprises a naturally-occurring carbohydrate, particularly a carbohydrate having a reducing end group. The process is particularly suitable to treat feedstocks used in biorefining processes, such as in ethanol fermentation.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPOUNDS USEFUL AGAINST KINETOPLASTIDEAE PARASITES

 (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 	:A61P 33/02 :09290719.5 :18/09/2009	(71)Name of Applicant: 1)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE Address of Applicant: 3, RUE MICHEL-ANGE, F-75794 PARIS CEDEX 16, FRANCE France (72)Name of Inventor: 1)DAVIOUD-CHARVET ELISABETH 2)WENZEL INGRID NICOLE 3)MULLER THOMAS J.J. 4)HANQUET GILLES 5)LANFRANCHI DON ANTOINE 6)LEROUX FREDERIC 7)GENDRON THIBAULT
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(57) Abstract:

Dibenzylidene and heterobenzylideneacetone derivatives, related 4-piperidones, related 4-thiopyranones and the corresponding sulfinyl- and sulfonyl- analogues for their use for prophylaxis or treatment of trypanosomiasis and leishmaniasis

No. of Pages: 106 No. of Claims: 8

(21) Application No.2272/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CATALYST DETERIORATION DETECTION APPARATUS 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 	:01/09/2010 :WO 2012/029141 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, TOYOTA-CHO, TOYOTA-SHI, AICHI, 471-8571 JAPAN. Japan (72)Name of Inventor: 1)SHINODA YOSHIHISA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:01/09/2010 :WO 2012/029141 :NA	` '

(57) Abstract:

The present invention is intended to provide a technique which accurately detects the deterioration of an exhaust gas purification catalyst which is applied to an internal combustion engine capable of using gas fuel and liquid fuel. In the present invention, in cases where only the gas fuel is used which is difficult to cause the oxygen occluded in the exhaust gas purification catalyst to be released therefrom even if the air fuel ratio of exhaust gas discharged from the internal combustion engine is changed to a rich side, a catalyst deterioration determination part determines whether the exhaust gas purification catalyst has deteriorated, based on either one of a change in an output of an oxygen concentration detection part only at a lean side, and changes in the output of the oxygen concentration detection part at the rich side and at the lean side.

No. of Pages: 45 No. of Claims: 6

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: THERMALLY STABLE ANTHRAPYRIDONE COMPOSITIONS

(51) International classification	:C09B 5/14	(71)Name of Applicant:
(31) Priority Document No	:10/678,251	1)SABIC INNOVATIVE PLASTICS IP BV
(32) Priority Date	:03/10/2003	Address of Applicant :PLASTICSLAAN 1, 4612 PX
(33) Name of priority country	:U.S.A.	BERGEN OP ZOOM, THE NETHERLANDS Netherlands
(86) International Application No	:PCT/US2004/029278	(72)Name of Inventor:
Filing Date	:02/09/2004	1)SHANKARLING GANAPATI SUBRAY
(87) International Publication No	:WO 2005/033210	2)SIVAKUMAR KRISHNAMOORTHY
(61) Patent of Addition to Application	:NA	3)DHALLA ADIL MINOO
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:1820/DELNP/2006	
Filed on	:02/09/2004	

(57) Abstract:

An anthrapyridone composition of the formula: (I) is disclosed, where 'A' and 'B' are independently selected from substituted or unsubstituted cyclic ketone groups having from about 10 to about 20 ring carbon atoms; 'a' is an integer having a value from 0-4, R1-R4 are monovalent substituents; with the proviso that when 'a' is 0, Rl is selected from the group consisting of a hydrogen, an alkyl group, a secondary amino group and an aminosulphonyl group; and R2-R4 are substituents selected form the group consisting of a hydroxyl group, an aliphatic group, an aromatic group, a heterocylic group, a halogen atom, a cyano group, a carbonyl containing group, an amino group and a sulphonyl-containing group. The anthrapyridones are useful as thermally stable colorants for producing colored polymer resins and articles that require high temperature polymer processing conditions.

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

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: RUBBER COMPOSITION INCLUDING A PHENOLIC RESIN

(51) International classification	:C08K 5/07	(71)Name of Applicant:
(31) Priority Document No	:0956283	1)COMPAGNIE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:14/09/2009	MICHELIN
(33) Name of priority country	:France	Address of Applicant :12 COURS SABLON F-63000
(86) International Application No	:PCT/EP2010/063404	CLERMONT-FERRAND, FRANCE France
Filing Date	:13/09/2010	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2011/029938	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ANNE VEYLAND
Number		2)JOSE CARLOS ARAUJO DA SILVA
Filing Date	:NA	3)VINCENT HUNAULT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rubber composition which can be used in particular in tyres, based on at least one diene elastomer, one reinforcing filler, one crosslinking system, one phenolic resin and one polyaldehyde. The use of a polyaldehyde makes it possible to advantageously replace conventional methylene donors while preventing the production of formaldehyde during the vulcanization of the rubber compositions and thus to limit the environmental impact of these compounds. Furthermore, these polyaldehyde compounds make it possible not only to obtain rubber compositions exhibiting the same low-strain stiffness as conventional rubber compositions using HMT or H3M methylene donors but also, surprisingly, to greatly improve the fatigue strength of the rubber compositions and thus the endurance of the tyres.

No. of Pages: 22 No. of Claims: 14

(21) Application No.2280/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DRYBLENDED NUTRITIONAL POWDERS

 (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 	:16/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)ABBOTT LABORATORIES Address of Applicant: Dept. 377/AP6P-1 100 Abbott Park Road Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor: 1)MATOVICH Eric M 2)CLINGER Christine F 3)LAMB Catherine S
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

DRYBLENDED NUTRITIONAL POWDERS Disclosed are reconstitutable nutritional powders comprising carbohydrate protein and lipid wherein at least one carbohydrate such as lactose and powdered lecithin have been dryblended into the reconstitutable nutritional powders. Also disclosed are methods of manufacturing a reconstitutable nutritional powder including dryblending at least one carbohydrate and powdered lecithin into a base nutritional powder. The nutritional powders provide for reduced foaming upon reconstitution.

No. of Pages: 42 No. of Claims: 27

(22) Date of filing of Application :20/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: ON -DEMAND VAPOUR GENERATOR

(51) International classification :B01L3/02,B01B1/00,G01N33/00 (71)Name of Applicant :

(31) Priority Document No :61/705068 (32) Priority Date :24/09/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/GB2013/052498

:24/09/2013 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

:WO 2014/045067

(57) Abstract:

1)SMITHS DETECTION- WATFORD LIMITED

Address of Applicant: 459 Park Avenue, Bushey, Watford,

Hertfordshire WD23 2BW U.K.

(72) Name of Inventor: 1)PARKER, Alexander 2) GOWERS, Marcel 3) ATKINSON, Jonathan 4)FITZGERALD, John

5)TAYLOR, Stephen

An on-demand vapour generator includes a vapour chamber configured to produce a vapour and a vapour absorption assembly configured to receive flows of vapour from the vapour chamber. The vapour absorption assembly includes a first vapour-permeable passage having a passage outlet and at least one second vapour- permeable passage that is closed. When vapour absorption assembly receives a flow of vapour from the vapour chamber, the flow of vapour passes through the first vapour-permeable passage to the passage outlet at least substantially without absorption of vapour from the flow of vapour. However, when a flow of vapour is not received from the vapour chamber, vapour entering the vapour absorption assembly from the vapour chamber passes into the first vapour -permeable passage and the at least one second vapour -permeable passage and is at least substantially absorbed.

No. of Pages: 25 No. of Claims: 27

(21) Application No.2210/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHODS OF TREATING CHRONIC NEUROGENIC INFLAMMATION USING A MODIFIED CLOSTRIDIAL TOXIN

(31) Priority Document No :12/548 (32) Priority Date :26/08/2 (33) Name of priority country :U.S.A. (86) International Application No :PCT/U Filing Date :10/08/2	Address of Applicant :2525 DUPONT DRIVE, T2-7H, IRVINE, CA 92612, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
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(57) Abstract:

Methods for prolongation of climax time in a patient in need thereof are presented, as are methods for treating premature ejaculation by local administration of a Clostridial neurotoxin, such a botulinum neurotoxin, to the patient, are provided.

No. of Pages: 30 No. of Claims: 25

(21) Application No.2211/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TASTE ENHANCING AGENT

(51) International classification	:A23L 1/226	(71)Name of Applicant:
(31) Priority Document No	:2009-211365	1)J-OIL MILLS, INC.
(32) Priority Date	:14/09/2009	Address of Applicant :8-1, AKASHI-CHO, CHUO-KU,
(33) Name of priority country	:Japan	TOKYO 104-0044, JAPAN Japan
(86) International Application No	:PCT/JP2010/063828	(72)Name of Inventor:
Filing Date	:16/08/2010	1)SUSUMU YAMAGUCHI
(87) International Publication No	:WO 2011/030650	2)HIDEKI USHIO
(61) Patent of Addition to Application	:NA	3)DAIGO IWANAGA
Number	:NA	4)AKIRA SHINODA
Filing Date	.11/1	5)HIDENORI FUJIWARA
(62) Divisional to Application Number	:NA	6)REIKO KIYOHARA
Filing Date	:NA	

(57) Abstract:

Disclosed is a taste enhancing agent for achieving sufficient saltiness or sweetness even in cases where the salt content or sugar content in food is reduced. Specifically disclosed is a taste enhancing agent which contains one or more substances selected from among linear aliphatic aldehydes having 3-10 carbon atoms and linear aliphatic alcohols having 4-10 carbon atoms as active ingredients. The amount of salt content or sugar content added to food can be reduced by adding the taste enhancing agent to the food.

No. of Pages: 26 No. of Claims: 12

(21) Application No.2282/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SURGICAL CUTTING ACCESSORY WITH FLEXIBLE 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 (62) Divisional to Application Number Filing Date 	:30/08/2010 :WO 2011/023410 :NA :NA :NA	(71)Name of Applicant: 1)STRYKER IRELAND. LTD. Address of Applicant: IDA INDUSTRIAL ESTATE, CARRIGTWOHILL,COUNTY CORK, IRELAND Ireland (72)Name of Inventor: 1)HARVEY, STEPHEN J.
Filing Date	:NA	

(57) Abstract:

A surgical cutting accessory for attachment to a powered surgical handpiece having a cutting element of cooperation with a drive member of the handpiece, a di|tal end defining a cutting element, and an elongate tube disposed between the proximal and distal ends. The tube of the cutting element has a flexible portion defined by a continuous cut dsposed in the tube and extending in a helical manner generally axially, and a tubular liner a disposed within the tube axially adjacent the flexible portion. The accessory additionally having an outer tube housing in which the cutting element is disposed, the outer tube having a bent portion.

No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: SAMPLE PROBE INLET FLOW SYSTEM

(51) International classification	:G01N1/22,G01N27/62	(71)Name of Applicant:
(31) Priority Document No	:61/704036	1)SMITHS DETECTION -WATFORD LIMITED
(32) Priority Date	:21/09/2012	Address of Applicant :459 Park Avenue, Bushey, Watford,
(33) Name of priority country	:U.S.A.	Hertfordshire WD23 2BW U.K.
(86) International Application No	:PCT/GB2013/052474	(72)Name of Inventor:
Filing Date	:20/09/2013	1)EASTON ,Matt
(87) International Publication No	:WO 2014/045056	2)TAYLOR, Stephen
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus includes a sample receiving port and an inlet assembly configured to be positioned adjacent to the sample receiving port. The inlet assembly defines avolume for receiving a sample and includes a gapthat defines an extraction port. The extraction port is configured to extract onefluid flow to facilitate another fluid flow towardthe sample receiving port. The extraction port can be configured as an annular flow port around the sample receiving port. In some instances, the apparatus also includes a curtain port positioned apart from the sample receiving port and the extraction port. The curtain port can be used to guide fluid away from interior surfaces of the inlet assembly and toward the sample receiving port, and/or to provide an environment of controlled air, and/or to isolate the sample receiving port from external sources of contamination.

No. of Pages: 29 No. of Claims: 27

(21) Application No.2283/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : AGENT FOR STIMULATING GROWTH AND/OR IMPROVING VIABILITY OF LACTIC ACID BACTERIUM OF GENUS LACTOBACILLUS

 (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 	:27/08/2010 :WO 2011/027719 :NA :NA	(71)Name of Applicant: 1)MEIJI CO., LTD. Address of Applicant: 2-10, SHINSUNA 1-CHOME, KOTO-KU, TOKYO-TO, JAPAN Japan (72)Name of Inventor: 1)KAKUHEI ISAWA 2)HIDEO OHTOMO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an agent for stimulating growth and/or improving viability of a lactic acid bacterium of genus Lactobacillus containing a K-caseinoglycomacropeptide-containing material as an active ingredient. Conventional agents for improving viability such as antioxidants had unfavorable influence on the flavor and properties of food compositions and had poor sustainability of the effect since the agents exert their effect through autoxidation. According to the present invention, the flavor or physical properties of food compositions is not affected and excellent effects of stimulating growth and/or improving viability of lactic acid bacteria and the like can be expected together with high sustainability of the effects.

No. of Pages: 26 No. of Claims: 7

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SUBSTITUTED (HETEROARYLMETHYL) THIOHYDANTOINS AS ANTICANCER DRUGS

 (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 	:C07D 401/04 :09075421.9 :11/09/2009 :EUROPEAN UNION :PCT/EP2010/005297 :28/08/2010 :WO 2011/029537 :NA :NA	2)ARWED CLEVE 3)BERNARD HAENDLER 4)HORTENSIA FAUS GIMENEZ 5)SILKE KOHR
		· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to substituted (heteroarylmethyl)thiohydantoin compounds of general formula (I) as described and defined herein, and methods for their preparation, their use for the treatment and/or prophylaxis of disorders, and their use for the preparation of medicaments for the treatment and/or prophylaxis of disorders, in particular of prostate cancer.

No. of Pages: 121 No. of Claims: 15

(21) Application No.2214/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: AUTOMATED RADIOSYNTHESIS

 (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 	:0917611.6 :08/10/2009	(71)Name of Applicant: 1)GE HEALTHCARE LIMITED Address of Applicant: AMERSHAM PLACE, LITTLE CHALFONT, BUCKINGHAMSHIRE, HP7 9NA, UNITED KINGDOM U.K. (72)Name of Inventor: 1)JOHN WOODCRAFT 2)CLARE JONES 3)ALESSANDRA GAETA 4)WILLIAM TRIGG 5)PAUL JONES 6)STUART PLANT 7)ALEXANDER JACKSON
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(57) Abstract:

The present invention provides a method to obtain radiofluorinated compounds useful for in vivo imaging GABAA receptors. The method of the invention is high-yielding and may conveniently be carried out on an automated synthesizer such as Fastlab,.. A further aspect of the invention is a cassette suitable for carrying out the automated method of synthesis of the invention. Novel precursor compounds useful in the method of the invention are also provided, as are a number of novel compounds obtained by the method of the invention.

No. of Pages: 40 No. of Claims: 22

(21) Application No.2215/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRIC-RESISTANCE-WELDED PIPE WELDING 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 	:15/09/2010 :WO 2011/034087 :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL CORPORATION Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 1008071, JAPAN Japan (72)Name of Inventor: 1)YOSHIAKI HIROTA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electric-resistance-welded pipe welding apparatus includes: an empeder that is disposed in the inner portion of a metal strip which is bent into the cylindrical shape, and is disposed spanning over from the upstream to the downstream of a position in which the induction coil is present when viewed along a traveling direction of the metal strip; and a metallic shield plate that is disposed further upstream than an upstream end of the impeder and is disposed in a position which is further downstream than the rolls when viewed along the traveling direction, the metallic shield plate including a hole portion through which the metal strip bent into the cylindrical shape passes, and the metallic shield plate shielding a magnetic flux generated in the induction coil.

No. of Pages: 24 No. of Claims: 2

(21) Application No.2284/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: KIT FOR MOTORIZED CLOSURE 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 	:E05F15/00 :13/589873 :20/08/2012 :U.S.A. :PCT/IL2013/050727 :20/08/2013 :WO 2014/030167 :NA :NA :NA	(71)Name of Applicant: 1)NEW VISION YEZIROT ALUMINUM LTD. Address of Applicant: 6 Harimon St., 405000 Even Yehuda Israel (72)Name of Inventor: 1)VAKNIN, Oren; 2)RODAN, Yoav; 3)SILNE, Giora;
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(57) Abstract:

The disclosure is directed to motorized closure assembly, comprising: an opening frame configured to fit around the opening; a substantially rectangular closure slab having a closure slab frame configured to surround the substantially rectangular closure slab and sealingly fit within the opening frame; and a motorized driver, wherein the motorized driver is entirely embedded within the closure slab frame or within a combination of the closure slab frame and the opening frame, the motorized driver configured to slidably move the slab between an open position and a closed position.

No. of Pages: 37 No. of Claims: 19

(21) Application No.2285/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A COMPOUND MATERIAL COMPRISING A METAL AND NANOPARTICLES

(51) International classification	:C22C 47/14	(71)Name of Applicant:
(31) Priority Document No	:PCT/EP2009/006737	
(32) Priority Date	:17/09/2009	Address of Applicant :51368 LEVERKUSEN, GERMANY
(33) Name of priority country	:EUROPEAN	Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/061890	1)HORST ADAMS
Filing Date	:16/08/2010	
(87) International Publication No	:WO 2011/032791	
(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 compound materials comprising a metal and nanoparticles, in particular carbon nano tubes (CNT), characterized in that the compound has a metal crystallite structure of crystallites having an average size which is in the range of higher than 100 nm and up to 200 nm, preferably between 120 nm and 200 nm.

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

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: REFRACTORY COMPOSITION AND PROCESS FOR FORMING ARTICLE THEREFROM

 (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 	:C04B35/66 :61/691411 :21/08/2012 :U.S.A. :PCT/US2013/055673 :20/08/2013 :WO 2014/031574 :NA :NA	(71)Name of Applicant: 1)STELLAR MATERIALS INCORPORATED Address of Applicant: 7777 Gladed Road, Suite 200, Boca Raton, FL 33434- 4194 U.S.A. (72)Name of Inventor: 1)DECKER, Jens;
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(57) Abstract:

Refractory compositions and methods of forming articles therefrom are provided that include a plurality of aggregate particles and a binder intermixed with the aggregate particles. The binder composition includes sintered crystalline chromium metaphosphate or chromium - aluminum metaphosphate, or combinations of the two distributed in the binder. The provided compositions are free of chromium oxide yet exhibit excellent slag resistance and are easily disposed of.

No. of Pages: 18 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HERBICIDAL COMPOUNDS

(51) International classification	:C07D 471/04	(71)Name of Applicant :
(31) Priority Document No	:0917934.2	1)SYNGENTA LIMITED
(32) Priority Date	:13/10/2009	Address of Applicant :EUROPEAN REGIONAL CENTRE,
(33) Name of priority country	:U.K.	PRIESTLEY ROAD, SURREY RESEARCH PARK,
(86) International Application No	:PCT/GB2010/001890	GUILDFORD, SURREY GU2 7YH, UNITED KINGDOM U.K.
Filing Date	:08/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/045561	1)WHITTINGHAM WILLIAM GUY
(61) Patent of Addition to Application	:NA	2)WINN CAROLINE LOUISE
Number	:NA	3)BLANC JULIE EVELYNE
Filing Date	:IVA	4)HACHISU SHUJI
(62) Divisional to Application Number	:NA	5)HOTSON MATTHEW BRIAN
Filing Date	:NA	6)GLITHRO HARRY

(21) Application No.2075/DELNP/2012 A

(57) Abstract:

The present invention relates to substituted heterobicyclic carboxylic acid derivatives, as well as N-oxides and agriculturally acceptable salts thereof, and their use in controlling plant growth, particularly undesirable plant growth, in crops of useful plants. The invention extends to herbicidal compositions comprising such compounds, N-oxides and/or salts as well as mixtures of the same with one or more further active ingredients and/or a safener.

No. of Pages: 234 No. of Claims: 17

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CUTTING INSERT AND CUTTING 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 	:24/09/2010 :WO 2011/037186 :NA :NA	(71)Name of Applicant: 1)TUNGALOY CORPORATION Address of Applicant:11-1, YOSHIMA-KOGYODANCHI, IWAKI-SHI, FUKUSHIMA 9701144, JAPAN Japan (72)Name of Inventor: 1)TOMOMI KOMATSUKA
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	:NA :NA :NA	

(57) Abstract:

The present invention relates to a cutting insert with a cutting edge. The cutting insert includes a rake face (24) extending along a cutting edge (22a, 22b) and a rising wall surface (32a) extending so as to form a recess (34) along the cutting edge (22a, 22b) together with the rake face (24). The rake face (24) is formed to have a positive rake angle, and includes a first rake face (24a) and a second rake face (24b) arranged in order in a direction in which a distance from the cutting edge (22a, 22b) increases. The second rake face (24b) is larger than the first rake face (24a) in rake angle. FIG. 4

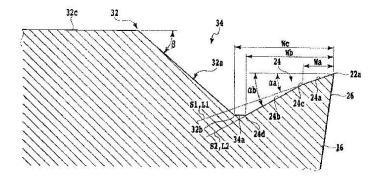


FIG.4

No. of Pages: 44 No. of Claims: 11

(21) Application No.2217/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VEHICLE DOOR ARRANGEMENT AND METHOD FOR THE ASSEMBLY 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 	:06/09/2010 :WO 2011/029563 :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS INTERIORS GMBH & CO. KG Address of Applicant: MULHAUSENER STR. 35, 47929 GREFRATH, GERMANY Germany (72)Name of Inventor: 1)ALEXANDER SCHIDAN 2)HANS-HELMUT MIEGLITZ
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a vehicle door arrangement and a method for assembling a vehicle door arrangement, wherein the vehicle door arrangement comprises a first trim part, a structural member, and a second trim part, wherein the first trim part is connected to the second trim part by means of a sealing element, wherein the first trim part comprises a connecting element that extends along the sealing element and interacts with the sealing element.

No. of Pages: 24 No. of Claims: 11

(21) Application No.2218/DELNP/2012 A

(19) INDIA

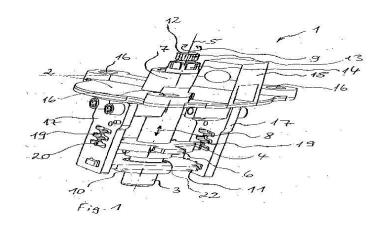
(22) Date of filing of Application: 14/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: SHIFTING 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 	:07/09/2010 :WO 201/042274 :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant: INDUSTRIESTRASSE 1-3, 91074 HERZOGENAURACH, GERMANY Germany (72)Name of Inventor: 1)KLAUS KRAMER 2)UWE SCHWARZ 3)MATTHIAS FEUERBACH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns a gear shifting device (1) comprising a head housing (2) and at least one gearshift shaft (3), as also at least one functional element (4) on the gearshift shaft (3), said gearshift shaft (3) being mounted on two longitudinally spaced-apart mounting points (7, 10) in the gear shifting device (1) for movement relative to the head housing (2), and at least the functional element (4) is arranged in longitudinal direction between the two mounting points (7, 10). Figure 1



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

(21) Application No.2290/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : COMMUNICATION SYSTEM, RELAY DEVICE, COMMUNICATION TERMINAL, AND BASE STATION

 (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 72/12 :2009-220483 :25/09/2009 :Japan :PCT/JP2010/063808 :16/08/2010 :WO 2011/036965 :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN Japan (72)Name of Inventor: 1)RYO SAWAI
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(57) Abstract:

Provided is a communication system including a plurality of base stations, a plurality of communication terminals that communicates with one of the plurality of base stations, and a relay device, the relay device including a selection unit that selects a communication terminal to be relayed from among the plurality of communication terminals on the basis of communication quality information received from each of the plurality of communication terminals, and a relay unit that relays communication between the communication terminal selected by the selection unit and the corresponding base station.

No. of Pages: 52 No. of Claims: 10

(22) Date of filing of Application :20/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF HYDROCARBONS

(51) International classification: C01B3/38,C10G3/00,C07C29/151 (71) Name of Applicant:

(31) Priority Document No :PA 2012 70645 (32) Priority Date :23/10/2012

(33) Name of priority country: Denmark

(86) International Application :PCT/EP2012/073346

:22/11/2012 Filing Date

(87) International Publication

:WO 2014/063758

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

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

1)HALDOR TOPS E A/S

Address of Applicant: Nym llevej 55, DK-2800 Kgs. Lyngby

Denmark

(72) Name of Inventor: 1)HINNEMANN. Berit: 2)KNUDSEN, Arne;

(57) Abstract:

Process for the preparation of higher hydrocarbons boiling in the gasoline range from methane containing feed gas comprising the steps of a) mixing the feed gas with a hydrogenated tail gas and autothermal reforming the mixed feed gas to a methanol synthesis gas containing hydrogen, carbon monoxide and carbon dioxide; b) converting the methanol synthesis gas to a methanol and dimethyl ether containing effluent in presence of one or more catalysts active in the conversion of hydrogen and carbon oxides to methanol and dehydration of methanol to dimethyl ether; c) converting the methanol and dimethyl ether containing effluent as prepared in step (b) to a raw product containing hydrocarbons boiling in the gasoline range, water, unconverted methanol synthesis gas and carbon dioxide formed during the conversion of the methanol synthesis gas; d) cooling and separating the raw product into a water fraction, a higher hydrocarbon fraction boiling in the gasoline range and into a tail gas with the unconverted methanol synthesis gas and the carbon dioxide; e) hydrogenating a part of the tail gas as obtained in step d) to provide the hydrogenated tail gas; and f) recycling the hydrogenated tail gas to step (a).

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

(21) Application No.2213/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DENTURE CARE COMPOSITION

(51) Intermedianal alequification	. A C1O 11/00	(71)Nome of Amiliant
(51) International classification	:A61Q 11/00	(71)Name of Applicant:
(31) Priority Document No	:61/255,926	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:29/10/2009	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(33) Name of priority country	:U.S.A.	CINCINNATI, OHIO 45202, U.S.A. U.S.A.
(86) International Application No	:PCT/US10/054370	(72)Name of Inventor:
Filing Date	:28/10/2010	1)JAYANTH RAJAIAH
(87) International Publication No	:WO 2011/059715	2)ARIF ALI BAIG
(61) Patent of Addition to Application	:NA	3)ROBERT SCOTT LEONARD
Number	:NA	4)ELIZABETH ANNE WILDER
Filing Date	.IVA	5)FRANCO SILVA MEDEIROS
(62) Divisional to Application Number	:NA	6)LUISA NAVARRO CERDA
Filing Date	:NA	7)STEVEN DARYL SMITH

(57) Abstract:

A denture care composition comprising: (a) one or more denture care actives; and (b) one or more water insoluble carriers; wherein the composition is bioerodible, not a denture adhesive, substantially free of polybutene with a molecular weight of 300 to 3000 when the composition is not an article, and is £plied to dentures.

No. of Pages: 43 No. of Claims: 10

(21) Application No.2287/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTI TUBE 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 	:F28F 9/26 :20093024 :18/09/2009 :Norway :PCT/NO2010/000329 :08/09/2010 :WO 2011/034436 :NA :NA	(71)Name of Applicant: 1)NORSK HYDRO ASA Address of Applicant: N-0240 OSLO, NORWAY Norway (72)Name of Inventor: 1)RICHARD LANG JORGENSEN 2)JEFFREY L. INSALACO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Heat exchanger for heat exchange or heat recovery in systems such as refrigeration or heat pump systems, in particular a condenser or evaporator in such systems The heat exchanger is shaped of a multi-port aluminium extrusion (8) by bending and forming parallel loops. Each of the ends of the extrusion (8) are finally bent such that they are facing each other and are connected at an offset of one port or hole (9) and thereby creating a single helical loop unit with inlet and outlet ports (15 respectively 16).

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

(22) Date of filing of Application :20/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD OF ESTABLISHING COMMUNICATION LINK AND DISPLAY DEVICES THEREOF

:H04B7/24,H04B5/00,G09F9/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1020120092540 (32) Priority Date :23/08/2012

(33) Name of priority country :Republic of Korea (86) International Application No: PCT/KR2013/007582

Filing Date :23/08/2013 (87) International Publication No: WO 2014/030965

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

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

(57) Abstract:

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)SEO, Joon-kyu; 2) JUNG, Sang-keun; 3)LEE, Geun-ho; 4)SOHN, Jung-joo;

Provided is a method of establishing, by a first display device, a communication link with a second display device, the method including operations of detecting a first bending motion occurring in the first display device; obtaining information about a second bending motion occurring in the second display device; and establishing a communication link for a data exchange with the second display device, based on a start time of the first bending motion and a start time of the second bending motion.

No. of Pages: 63 No. of Claims: 15

(21) Application No.2288/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: TEMPORARY AIDS FOR DEPLOYMENT AND FIXATION OF TISSUE REPAIR IMPLANTS

(51) International :A61F2/00,A61B17/068,A61B17/02 classification

(31) Priority Document No :13/628500

(32) Priority Date :27/09/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/059582

:13/09/2013

Filing Date

(87) International Publication :WO 2014/052038

(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)ETHICON, INC.

Address of Applicant: P.O. Box 151, U.S. Route 22,

Somerville, New Jersey 08876 U.S.A.

(72)Name of Inventor:

1) CARDINALE, Michael:

2) WORTHINGTON, Anthony;

3)TANNHAUSER, Robert J.;

4)SKULA, Emil Richard;

(57) Abstract:

Deployment device (10) for use as adjuncts with tissue repair implants (100). The devices are removeably mounted to mesh tissue repair implant devices to manipulate the devices into position and provide for secure fixation about the periphery (102) of such mesh implant devices by providing guide structures such as grooves (60) for directing and positioning a surgical tacking instrument.

No. of Pages: 32 No. of Claims: 25

(21) Application No.2289/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : LOW-, MEDIUM-, OR HIGH-VOLTAGE SWITCHING DEVICE WITH CHEMICAL CHARGE MEANS

(51) International classification	:H01H 39/00	(71)Name of Applicant:
(31) Priority Document No	:09011839.9	1)ABB TECHNOLOGY AG
(32) Priority Date	:17/09/2009	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(22) Name of priority country	:EUROPEAN	ZURICH, SWITZERLAND Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/005727	1)DIETMAR GENTSCH
Filing Date	:17/09/2010	
(87) International Publication No	:WO 2011/032719	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		

(57) Abstract:

The invention relates to Low-, medium-, or high-voltage switching device with chemical means for actuate closing and/or opening of electric contacts, and with a fuze- or ignition cable with chemical charge material, in order to ignite the chemical charge. In order to reach an effective galvanic separation, it is the object of the invention that the chemical charge material of the fuze- cable is electrically insulating, at least in the status before ignition, and at least along a part of its length, in order to cause of effectuate a voltage potential separation between definite low, medium or high-voltage level and earth level.

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

(21) Application No.2289/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention: A TOY WHEEL ASSEMBLY AND A METHOD FOR MANUFACTURING 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 Filing Date 	:A63H17/26 :PA 2012 70592 :28/09/2012 :Denmark :PCT/EP2013/070205 :27/09/2013 :WO 2014/049126 :NA :NA :NA	(71)Name of Applicant: 1)LEGO A/S Address of Applicant: Aastvej 1, DK- 7190 Billund Denmark (72)Name of Inventor: 1)HOE, Mikkel Schildknecht;
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(57) Abstract:

The present invention relates to a toy wheel assembly (100), a moulding tool for the same and a method for manufacturing said toy wheel assembly (100). In particular, the present invention provides a self-locking toy wheel assembly (100) for improved toy safety.

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

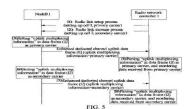
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING MULTI-CARRIER UPLINK DATA AT NETWORK-SIDE

(51) International classification	:H04W 16/00	(71)Name of Applicant:
(31) Priority Document No	:201010002229.0	1)ZTE CORPORATION
(32) Priority Date	:08/01/2010	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
(33) Name of priority country	:China	HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT,
(86) International Application No	:PCT/CN2010/076074	SHENZHEN CITY, GUANGDONG PROVINCE 518057, P. R.
Filing Date	:17/08/2010	CHINA China
(87) International Publication No	:WO 2011/082585	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)CHENG, XIANG
Number	:NA	2)LIU, LIN
Filing Date	.INA	3)KE, YAZHU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

The present invention discloses a method and system for transmitting multi-carrier uplink data at a network side. The method comprises: whenever setting up or adding a multi-carrier enhanced dedicated channel cell, a radio network controller notifying a NodeB dominating the multi-carrier enhanced dedicated channel cell of carrier identifier information of a carrier corresponding to the multi-carrier enhanced dedicated channel cell; and whenever receiving data transmitted by a terminal using a multi-carrier high-speed uplink packet access technique in the multi-carrier enhanced dedicated channel cell via the carrier, the NodeB carrying the carrier identifier information of the carrier bearing the data in enhanced dedicated channel uplink data frames when constructing the enhanced dedicated channel uplink data frames to the radio network controller. The present invention can avoid the problem of confusion of the received data from different carriers.



No. of Pages: 40 No. of Claims: 10

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: OPTICAL POSITION AND/OR SHAPE SENSING

(51) International classification	:G01B 11/24	(71)Name of Applicant:
(31) Priority Document No	:61/243,746	1)LUNA INNOVATIONS INCORPORATED
(32) Priority Date	:18/09/2009	Address of Applicant :1 RIVERSIDE CIRCLE, SUITE 400,
(33) Name of priority country	:U.S.A.	ROANOKE, VA 24016, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/002517	U.S.A.
Filing Date	:16/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/034584	1)FROGGATT, MARK, E.
(61) Patent of Addition to Application	:NA	2)KLEIN, JUSTIN, W.
Number	:NA	3)GIFFORD, DAWN, K.
Filing Date	.11/1	4)KREGER, STEPHEN, TOD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An accurate measurement method and apparatus are disclosed for shape sensing with a multi-core fiber. A change in optical length is detected in ones of the cores in the multi-core fiber up to a point on the multi-core fiber. A location and/or a pointing direction are/is determined at the point on the multi-core fiber based on the detected changes in optical length. The accuracy of the determination is better than 0.5% of the optical length of the multi-core fiber up to the point on the multi-core fiber. In a preferred example embodiment, the determining includes determining a shape of at least a portion of the multi-core fiber based on the detected changes in optical length.

No. of Pages: 57 No. of Claims: 41

(21) Application No.2225/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ALUMINIUM BRAZING 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 	:17/09/2010 :WO 2011/034496 :NA :NA	(71)Name of Applicant: 1)SAPA HEAT TRANSFER AB Address of Applicant:S-612 81 FINSPANG, SWEDEN Sweden (72)Name of Inventor: 1)ABRAHAMSSON, DAVID 2)WESTEGARD, RICHARD 3)STENQVIST, TORKEL
(62) Divisional to Application Number Filing Date	:NA :NA	
2		

(57) Abstract:

A multi layered aluminium alloy brazing sheet consisting of: a core material that on either one or both sides has an intermediate layer consisting of an Al-Si braze alloy interposed between the core and a thin covering layer on top of the intermediate layer, where the said core material and the covering layer has a higher melting temperature than the A1-, braze alloy, the covering layer containing Bi 0.01 to 1.0wt-%, Mg \leq 0.01wt-%, Mn \leq 1.0 wt-%, Cu \leq 1.2 wt-%,Fe \leq 1.0 wt-%, Si \leq 4.0wt-%,Ti \leq 0.1 wt-%, Zr,Cr, V and/or Sc in total \leq 0.2%, and unavoidable impurities each in amounts less than 0.05wt-%, and a total impurity content of less than 0.2wt-%, the balance consisting of aluminium; and a heat exchanger comprising the alloy brazing sheet.

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

(21) Application No.2296/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PRECOATED METAL SHEET AND MANUFACTURING METHOD FOR 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 	:B32B 15/08 :2009-215990 :17/09/2009 :Japan :PCT/JP2010/066626 :17/09/2010 :WO 2011/034214	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN Japan (72)Name of Inventor: 1)KOHEI UEDA
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)TOMOAKI HOSOKAWA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a precoated metal sheet and a method for manufacturing the same. The precoated metal sheet imparts both appearance of solidity and appearance of depth and has excellent aesthetic properties which include a superior sheen, appearance of solidity and appearance of depth. The sheet is provided with a coating layer which includes at least two layers: a first coating film layer which is on part or all of the surface of a metal sheet and which contains colouring pigments; and a second coating film layer which is disposed on the surface layer side of the pigmented coating film layer. The centre line average roughness (Ra) of the boundary surface between the first coating film layer and the second coating film layer is not less than $0.8\mu m$.

No. of Pages: 69 No. of Claims: 12

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMPLANTABLE DEVICE FOR CONTROLLED DRUG DELIVERY

 (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 	:09/09/2010 :WO 2011/031855	(71)Name of Applicant: 1)TARIS BIOMEDICAL, INC. Address of Applicant:99, HAYDEN AVENUE, SUITE 100 LEXINGTON, MA 02421, U.S.A. U.S.A. (72)Name of Inventor: 1)HEEJIN LEE 2)MICHAEL J CIMA 3)KAREN DANIEL
Filing Date	:09/09/2010	1)HEEJIN LEE
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Implantable devices and methods for delivery of lidocaine or other drugs to a patient are provided. In one embodiment, the device includes a first drug portion which has a first drug housing which contains a first drug formulation in a solid form which includes a pharmaceutically acceptable salt of lidocaine; and a second drug portion which includes a second drug housing which contains a second drug formulation which includes lidocaine base. In another embodiment, the device includes a drug reservoir component which has an elastic tube having at least one lumen bounded by a porous sidewall having an open-cell structure, a closed-cell structure, or a combination thereof; and a drug formulation contained within the at least one lumen, wherein the device is deformable between a low-profile deployment shape and a relatively expanded retention shape.

No. of Pages: 54 No. of Claims: 26

(21) Application No.2222/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FLUORESCENT FIBER, USE THEREOF, AND METHOD FOR THE PRODUCTION 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 	:D01F 2/00 :A 1471/2009 :17/09/2009 :Austria :PCT/AT2010000285 :05/08/2010 :WO 2011/032191 :NA :NA	 (71)Name of Applicant: 1)LENZING AG Address of Applicant: WERKSTRASSE 2, A-4860, LENZING, AUSTRIA Austria (72)Name of Inventor: 1)GABRIELE EMILINGER 2)ULF MATHES 3)ALEXANDER GSTETTNER 4)GERT KRONER
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(57) Abstract:

The present invention relates to a regenerated cellulosic fibre which contains an incorporated dye pigment and a fluorescent dye applied by overdyeing, the use of this fibre for the production of yarns and fabrics and a process for the production of these fibres. This fibre satisfies the demands of EN 471 in relation to luminance factor, the chromaticity coordinates and colour fastness and possesses a light fastness (ISO 105-B02, process 2) of more than 5.

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

(21) Application No.2293/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMMUNICATION SYSTEM, METHOD, BASE STATION, AND COMMUNICATION DEVICE

(62) Divisional to Application Number :NA Filing Date :NA	 (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 	:18/06/2010 :WO 2011/036831 :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN Japan (72)Name of Inventor: 1)RYO SAWAI
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(57) Abstract:

A wireless communication system, using wireless base stations, and other devices, such as a relay node, interoperate with using spectrum aggregation and MIMO. Traffic usage is detected and based on channel utilization relative to capacity, spectrum aggregation is chosen over MIMO under certain conditions. On the other hand, under higher channel utilization system components switch to MIMO modes of operation to reduce demand on channel use, while providing good throughput for communications stations.

No. of Pages: 56 No. of Claims: 17

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : ADD-1 EVENT DAS-40278-9, RELATED TRANSGENIC CORN LINES, AND EVENT-SPECIFIC INDENTIFICATION THEREOF

		(71)Name of Applicant: 1)DOW AGROSCIENCES LLC
(51) International classification	:A01H 5/00	Address of Applicant :9330 ZIONSVILLE ROAD,
(31) Priority Document No	:61/235,248	INDIANAPOLIS, IN 46268-1054, UNITED STATES OF
(32) Priority Date	:19/08/2009	AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/045869	1)YUNXING CORY CUI
Filing Date	:18/08/2010	2)JILL BRYAN
(87) International Publication No	:WO 2011/022469	3)DONALD MAUM
(61) Patent of Addition to Application	:NA	4)GERG GILLES
Number	:NA	5)TERRY WRIGHT
Filing Date	.11/1	6)JENNIFER HAMILTON
(62) Divisional to Application Number	:NA	7)NICOLE ARNOLD
Filing Date	:NA	8)NATHAN VANOPDORP
		9)TINA KAISER
		10)NING ZHOU

(57) Abstract:

This invention relates in part to plant breeding and herbicide tolerant plants. This invention includes a novel aad-1transformation event in corn plants comprising a polynucleotide sequence, as described herein, inserted into a specific site within the genome of a corn cell. In some embodiments, said event / polynucleotide sequence can be stacked with other traits, including, for example, other herbicide tolerance gene(s) and/or insect-inhibitory proteins. Additionally, the subject invention provides assays for detecting the presence of the subject event in a sample (of corn grain, for example). The assays can be based on the DNA sequence of the recombinant construct, inserted into the corn genome, and on the genomic sequences flanking the insertion site. Kits and conditions useful in conducting the assays are also provided.

No. of Pages: 115 No. of Claims: 26

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR VALIDATING IMAGE 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 	:13/625079 :24/09/2012 :U.S.A. :PCT/IB2013/002092 :23/09/2013 :WO 2014/045107 :NA :NA	(71)Name of Applicant: 1)BARCO N.V. Address of Applicant: President Kennedypark 35, BE-8500 Kortrijk Belgium (72)Name of Inventor: 1)CHARVET, Y-M J, Edouard; 2)DEMEESTERE, Lieven,W.; 3)ZANDERS, Maarten;
Filing Date	:NA :NA	

(57) Abstract:

A system and method for validating GPU rendered display data - e.g., a sequence of frames- by comparing , across substantially all of the pixel locations in a frame, the GPU rendered display data to display data rendered by another processor. In this way, by checking substantially all of the pixel locations in a frame, errors in the display image data can be detected without prior knowledge of the format, layout , etc. of the display data. The system may be capable of operating without receiving input from a user or producing output to a user, and without receiving input from other applications or producing output to other applications. In this way , the validation would be invisible to a user and/or other applications.

No. of Pages: 33 No. of Claims: 23

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INTRACORPOREAL DEVICE FOR MOVING TISSUE

(51) International classification	:A61B 17/22	(71)Name of Applicant:
(31) Priority Document No	:0904306	1)ARNAUD SOUBEIRAN
(32) Priority Date	:09/09/2009	Address of Applicant :24, VILLA DE LOURCINE, F-75014
(33) Name of priority country	:France	PARIS, FRANCE. France
(86) International Application No	:PCT/FR2010/000608	(72)Name of Inventor:
Filing Date	:07/09/2010	1)ARNAUD SOUBEIRAN
(87) International Publication No	:WO 2011/030015	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for moving tissue, particularly bone tissue, inside the body, said device including a first part referred to as a reference part (C1); a second part, referred to as a conveying part (C2), which is slidably mounted relative to the reference part (C1); a threaded rod pivotably mounted relative to the reference part (C1); a control shaft; driving means connecting the control shaft to the threaded rod; a connecting nut between the conveying part (C2) and the threaded rod, said connecting nut being mounted onto the threaded rod and rotatably guided relative to the reference part (C1); and means for converting the movement of the connecting nut along the threaded rod into a movement of the conveying part (C2) relative to the reference part (C1). Said device is such that, in order to limit the longitudinal translation of said threaded rod relative to the reference part (C1), a first abutment (C11) and a second abutment (C12) rigidly connected to the threaded rod engage with a first bearing (A11) and a second bearing (A11), respectively, said bearings being rigidly connected to the reference part (C1) and placed at a distance from each other along the threaded rod between said abutments (C11, C12), the connecting nut being movable along the threaded rod between the first bearing (A11) and the second bearing (A12).

No. of Pages: 50 No. of Claims: 41

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROCKET ENGINE SYSTEM FOR REALIZING HIGH-SPEED RESPONSE

(51) International classification	:F02K 9/46	(71)Name of Applicant:
(31) Priority Document No	:2009-207480	1)IHI CORPORATION
(32) Priority Date	:08/09/2009	Address of Applicant :1-1, TOYOSU 3-CHOME, KOTO-KU,
(33) Name of priority country	:Japan	TOKYO 1358710, JAPAN Japan
(86) International Application No	:PCT/JP2010/065124	2)JAPAN AEROSPACE EXPLORATION AGENCY
Filing Date	:03/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/030719	1)MORI, HATSUO
(61) Patent of Addition to Application	:NA	2)NARUO, YOSHIHIRO
Number	:NA	3)TOKUDOME, SHINICHIRO
Filing Date	.IVA	4)YAGISHITA, TSUYOSHI
(62) Divisional to Application Number	:NA	5)YAMAMOTO, TAKAYUKI
Filing Date	:NA	6)INATANI, YOSHIFUMI

(57) Abstract:

Disclosed is a turbo pump in which a pump impeller is connected to one end of a rotary shaft and a turbine is connected to the other end of the rotary shaft. The turbo pump is designed such that an equivalent region, between a turbine efficiency curve obtained on the basis of a conditional expression where the number of rotations of the rotary shaft is maintained constant regardless of a pump flow rate and a turbine efficiency curve of an actual machine, becomes an operation region.

No. of Pages: 39 No. of Claims: 5

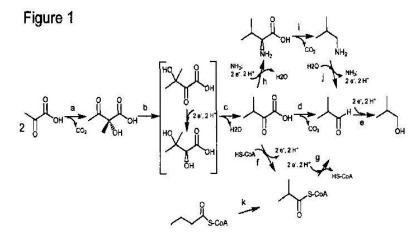
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : FERMENTIVE PRODUCTION OF ISOBUTANOL USING HIGHLY EFFECTIVE KETOL-ACID REDUCTOISOMERASE ENZYMES

(51) International classification(31) Priority Document No(32) Priority Date	:C12P 7/16 :61/246,844 :29/09/2009	(71)Name of Applicant: 1)BUTAMAX TM ADVANCED BIOFUELS LLC Address of Applicant: EXPERIMENTAL STATION
(33) Name of priority country (86) International Application No Filing Date	:U.S.A.	BUILDING 268, 200 POWDER MILL ROAD, WILMINGTON, DELAWARE 19880-0268, U.S.A. U.S.A. (72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2011/041415 :NA	1)NAGARAJAN, VASANTHA 2)PAUL, BRIAN, JAMES 3)SUH, WONCHUL 4)TOMB, JEAN-FRANCOIS
(62) Divisional to Application Number Filing Date	:NA :NA	5)YE, RICK, W.

(57) Abstract:

Ketol-acid reductoisomerase enzymes have been identified that provide high effectiveness in vivo as a step in an isobutanol biosynthetic pathway in bacteria and in yeast. These KARIs are members of a clade identified through molecular phylogenetic analysis called the SLSL Clade.



No. of Pages: 319 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :16/03/2012

(21) Application No.2299/DELNP/2012 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: SYRINGE

(51) International classification :A61M 5/28 (31) Priority Document No :2010-047032 (32) Priority Date :03/03/2010 (33) Name of priority country :Japan (86) International Application No Filing Date :02/03/2011 (87) International Publication No :WO 2011/108574 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)TERUMO KABUSHIKI KAISHA

Address of Applicant :44-1, HATAGAYA 2-CHOME, SHIBUYA-KU, TOKYO 151-0072, JAPAN Japan

:PCT/JP2011/054722 (72)Name of Inventor :

1)SHINGO KOYAMA

(57) Abstract:

A syringe is provided with a syringe outer tube having a spout, and a cap mounted to the spout. The cap is provided with a cap main body which seals the spout in a liquid-tight manner, a ring-shaped mounting section which is disposed on the base end side of the cap main body and which is mounted onto the outer circumferential portion of the spout, and a breaking section which links the cap main body and the mounting section and which can release said link by breaking. The inner circumferential portion of the mounting section is formed with a pair of protrusions. The outer circumferential portion of the spout is fonned with a groove to which the protrusions are inserted, and which has a tilted section that is tilted in relation to the axis of the outer circumferential portion of the spout. When the cap is rotated along the axial direction of the syringe outer tube, the protrusions move along the tilted, section of the groove. As a consequence of said movement, the mounting section is displaced in the base end direction and the braking section is pulled in said direction and breaks, thereby separating the cap main body from the mounting section.

No. of Pages: 28 No. of Claims: 4

(22) Date of filing of Application :09/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : CHILLER APPARATUS CONTAINING TRANS-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE AND METHODS OF PRODUCING COOLING THEREIN

(51) International classification	:C09K 5/04	(71)Name of Applicant :
(31) Priority Document No	:61/242,873	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:16/09/2009	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country	:U.S.A.	WILMINGTON, DELAWARE 19898, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/048910	(72)Name of Inventor:
Filing Date	:15/09/2010	1)KONTOMARIS, KONSTANTINOS
(87) International Publication No	:WO 2011/034904	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastonat .		•

(57) Abstract:

Disclosed herein is a chiller apparatus containing refrigerant characterized refrigerant being HFO-1336mzz that is trans isomer or primarily trans isomer. These chillers may be flooded evaporators or direct expansion evaporators, which utilize either centrifugal or screw compressors. Also disclosed herein are methods for producing cooling comprising evaporating trans-HFO-1336mzz in an evaporator in the vicinity of a body to be cooled, thereby producing cooling. Also disclosed herein is a method for replacing HFC-236fa or CFC-114 refrigerant in a chiller apparatus, said method comprising providing HFO-1336mzz to said chiller apparatus in place of the replaced refrigerant; wherein said HFO-1336mzz is trans isomer or primarily trans isomer.

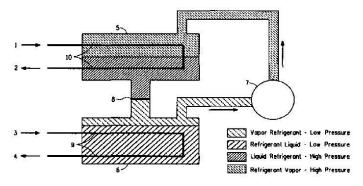


FIG. 1

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

(21) Application No.2160/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DEVICE AND METHOD FOR A ROTATION OF THE WHEELS OF THE LANDING GEAR OF AIRCRAFT

 (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 	:B64C 25/40 :BS2009A000165 :10/09/2009 :Italy :PCT/IT2010/000385 :06/09/2010 :WO 2011/030365 :NA :NA :NA	(71)Name of Applicant: 1)GAIA, MARIO Address of Applicant: VIA PLUTONE 48 20060 CASSINA DE PECCHI (MILANO) ITALY Italy (72)Name of Inventor: 1)GAIA, MARIO
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(57) Abstract:

The invention concerns a device and a method to cause the rotation of at least one wheel of the landing gear of air—craft, according to which between the supporting structure (12) of the landing gear and the brake group (19, 20) of the wheel is placed at least an actuator element with variable geometry (35, 38, 40, 42) controlled and managed to develop such a force in or—der impose an intermittent angular rotation of the wheel when the brake group is operated.

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

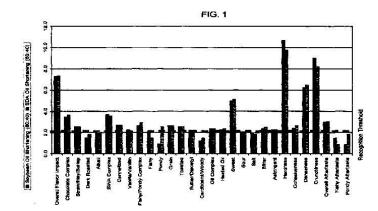
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: OMEGA-3 FATTY ACID ENRICHED SHORTENING AND NUT BUTTERS

(51) International classification	:A23D 9/02	(71)Name of Applicant:
(31) Priority Document No	:61/247,267	1)SOLAE, LLC
(32) Priority Date	:30/09/2009	Address of Applicant :4300 DUNCAN AVENUE, ST.
(33) Name of priority country	:U.S.A.	LOUIS, MISSOURI 63110, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/050847	(72)Name of Inventor:
Filing Date	:30/09/2010	1)WHITTINGHILL, JANE
(87) International Publication No	:WO 2011/041497	2)WELSBY, DAVID
(61) Patent of Addition to Application	:NA	3)LAMBACH, BEATA E.
Number	:NA	4)LUCAK, CANDICE
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to compositions and methods for producing shortening compositions and nut butters with a quantity of omega-3 fatty acids (n-3 PUFAs). Specifically, the shortening compositions and nut butters comprise a quantity of stearidonic acid (SDA) enriched soybean oil that imparts improved nutritional quality with a quantity of n-3 PUFAs, but retains the mouthfeel, flavor, odor, and other sensory characteristics associated with typical shortening compositions and nut butters.



No. of Pages: 71 No. of Claims: 20

(21) Application No.2229/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HEAT TRANSFER ELEMENT FOR A ROTARY REGENERATIVE 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 	:09/07/2010 :WO 2011/022131 :NA :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant:BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND Switzerland (72)Name of Inventor: 1)SEEBALD JAMES DAVID
Filing Date	:NA	

(57) Abstract:

A rotary regenerative heat exchanger [1] employs heat transfer elements [100] shaped to include notches [150], which provide spacing between adjacent elements [100], and undulations (corrugations) [165,185] in the sections- between the notches 150. The elements [100] described herein include undulations [165,185] that differ in height and/or width. These impart turbulence in the air or flue gas flowing between the elements [100] to improve heat transfer.

No. of Pages: 18 No. of Claims: 20

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TANK FOR STORING AND WITHDRAWING HYDROGEN AND/OR HEAT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C01B 3/00 :09/04442 :17/09/2009 :France	(71)Name of Applicant: 1)MCPHY ENERGY Address of Applicant: ZONE D'ACTIVITES, 26190 LA MOTTE FANJAS, FRANCE France
 (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/FR2010/000622 :15/09/2010 :WO 2011/033192 :NA :NA	·
Filing Date	:NA	5)GERARD BIENVENU

(57) Abstract:

The present invention relates to a tank tor storing and withdrawing hydrogen by means of a reversible hydriding/dehydriding reaction, said tank consisting of a thermally insulated chamber that includes a plurality of elements (2) for storing hydrogen in the form of hydrides, each element having at least one surface for exchange with the gaseous hydrogen and at least one heat exchange surface, characterized in that it further comprises a plurality of heat storage elements (3) for preserving and releasing the heat that is associated with the reversible hydriding/dehydriding reaction.

No. of Pages: 35 No. of Claims: 29

(21) Application No.2234/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR OBTAINING 1 KESTOSE

(51) International classification(31) Priority Document No(32) Priority Date	:C12P19/18,A23L2/60,A23K1/00 :20120138 :18/09/2012	(71)Name of Applicant: 1)CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA
(33) Name of priority country	:Cuba	Address of Applicant : Avenida 31 entre 158 y 190 Playa, La
(86) International Application No Filing Date (87) International Publication No	:PCT/CU2013/000005 :18/09/2013 :WO 2014/044230	Habana 11600 Cuba (72)Name of Inventor: 1)P%REZ CRUZ, Enrique, Rosendo; 2)HERN • NDEZ GARC • A, L;zaro; 3)MART • NEZ GARC • A, Duniesky;
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	4)MEN%NDEZ RODR • GUEZ, Carmen; 5)SOBRINO LEGN, Alina; 6)RAM • REZ IBA'EZ,Ricardo; 7)FEIJOO COSTA, Gumersindo; 8)LEMA RODICIO, Juan Manuel;

(57) Abstract:

The invention relates to a method for obtaining 1- kestose on an industrial scale , using a recombinant fructosyltransferase (FTF) isolated from Festuca arundinacea , constitutively expressed in a non saccharolytic yeast host. According to the invention , the recombinant FTF of the sucrose:sucrose 1-fructosyltransferase (1 SSTrec) type is produced in a constitutive and stable manner and in high yields, both in the supernatant and in the cell sediment of the culture of a strain of . The invention also relates to a method for obtaining 1- SST on an industrial scale. The resulting recombinant enzyme is used for the mass enzymatic production of fructooligosaccharides (FOS), specifically 1- kestose , from sucrose. The method of the invention allows FOS conversion percentages greater than 55% , with 1- kestose being represented in more than 90%.

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

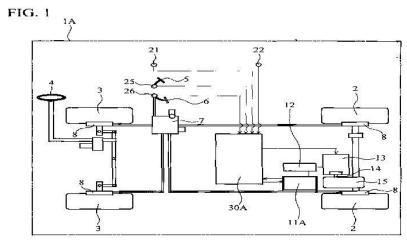
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRICALLY-DRIVEN 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 	:B60K 6/46 :NA :NA :NA :PCT/JP2009/065464 :04/09/2009 :WO 2011/027454 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, TOYOTA-CHO, TOYOTA-SHI, AICHI, 471-8571, JAPAN Japan (72)Name of Inventor: 1)UTSUMI SHINTARO 2)TOFUKUJI SATOKO 3)KUMAGAI ATSUNORI 4)JINGU NOBUHISA 5)OJIMA HIROTSUGU 6)SAKAI KAZUHITO 7)MURATA HIROKI 8)ARAI TAKANOBU
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(57) Abstract:

In an electrically driven vehicle 1A equipped with a battery 12 usable for running, a power generation unit 11A of engine driven type that charges the battery is detachably mounted on the vehicle including a case where at least an engine 111 of the power generation unit 11A is detachably mounted, and the vehicle 1A includes first stop means for bringing the power generation unit 11A in a stopped state when the power generation unit 11A is installed in or removed from the vehicle, and a generation stop switch 22 for making an operation request to the power generation unit 11 A. More specifically, the first stop means stops an operation request signal to the power generation unit 11A through low-voltage system wires when the generation stop switch 22 is ON (no operation request is made).



No. of Pages: 45 No. of Claims: 6

(21) Application No.2235/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: MINERAL- ENZYME COMPLEX FOR FORTIFYING AND WHITENING TOOTH ENAMEL- ORAL HYGIENE COMPOSITION AND TOOTHPASTE

(51) International classification :A61K8/24,A61K8/66,A61K8/97 (71) Name of Applicant:

(31) Priority Document No :2012135577 (32) Priority Date :20/08/2012 (33) Name of priority country :Russia

(86) International Application :PCT/RU2013/000716

:19/08/2013

Filing Date (87) International Publication No:WO 2014/031035

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)OBSHCHESTVO S OGRANICHENNOJ

OTVETSTVENNOSTYU SPLAT- KOSMETIKA(OOO

SPLAT -KOSMETIKA)

Address of Applicant :ul. Stromynka 19, korp.2 Moscow

,107076 Russia

(72) Name of Inventor:

1)BELOUS, Elena Yurievna

2)MALTABAR, Svetlana Alekseevna

3) GALIMOVA, Anna Zufarovna

(57) Abstract:

The invention relates to cosmetology, and more particularly to a mineral-enzyme complex for fortifying and whitening tooth enamel, as well as to oral hygiene compositions containing the aforesaid complex and particularly to toothpastes and other compositions. The mineral -enzyme complex for fortifying and whitening tooth enamel is characterized in that it contains hydroxyapatite and tannase in the following component ratio: 0.2-10 parts per weight tannase to 100 parts per weight hydroxyapatite. The complex may additionally contain grape seed extract. Also disclosed are various oral hygiene compositions containing the claimed mineral- enzyme complex. The invention makes it possible to improve the consumer qualities of the complex and of oral hygiene compositions containing the claimed mineral -enzyme complex ,namely: cleaning ability, whitening properties, reduced inflammation and bleeding of the gums, and an enhanced desensitizing effect together with a remineralizing effect on dental tissue.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PORCINE TORQUE TENO VIRUS VACCINES AND DIAGNOSIS

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (37) International Publication No (38) International Publication No (39) Filing Date (30) Filing Date (31) Priority Document No (32) Filing No (32) Priority Document No (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (38) Name of priority country (38) Name of priority country (39) Priority Date (30) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (37) Priority Date (38) Name of priority country (38) Priority Date (39) Priority Date (30) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (33) Name of priority country (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (39) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (39) Priority Date (30) Priority Date (30) Priority Date (30) Priority Date (30) Priority Date (31) Priority Date (32) Priority Date (33) Priority Date (34) Priority Date (35) Priority Date (36) Priority Date (37) Priority Date (37) Priority Date (37) Priority Date (38) Priority Date (39) Priority Date (39) Priority Date (30) Priori	(71)Name of Applicant: 1)VIRGINIA TECH INTELLECTUAL PROPERTIES, INC. Address of Applicant: 2200 KRAFT DRIVE, SUITE 1050 BLACKSBURG, VA 24060, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MENG, XIANG-JIN 2)HUANG, YAOWEI
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(57) Abstract:

The present invention provides four purified preparation containing a polynucleic acid molecule encoding porcine Torque teno virus (PTTV) genotypes or subtypes PTTV1a-VA, PTTV1b-VA, PTTV2b-VA, and PTTV2c-VA. The present invention also provides infectious DNA clones, biologically functional plasmid or viral vector containing the infectious nucleic acid genome molecule of the same. The present invention further provides live, attenuated, vector-expressed and purified recombinant capsid subunit or killed viral vaccines for protection against PTTV infection. The present invention additionally provides subunit vaccines comprising PTTV specific gene products, especially ORF1 capsid gene product for protection against PTTV infection. Further, the present invention provides methods for diagnosing PTTV infection via polymerase chain reaction (PCR) using specific primer for PTTV1, PTTV2, and individual PTTV1 genotypes. Finally, the present invention provides methods for diagnosing PTTV infection via immunological methods, e.g., enzyme-linked immunoabsorbent assay (ELISA) and Western blot using PTTV specific antigens for detecting serum PTTV specific antibodies.

No. of Pages: 161 No. of Claims: 66

(21) Application No.2241/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: PEPTIDE CLEARING AGENTS

(51) International classification(31) Priority Document No(32) Priority Date	:A61K 47/48 :0916749.5 :23/09/2009	(71)Name of Applicant: 1)MOLOGIC LTD Address of Applicant: COLWORTH SCIENCE PARK,
(33) Name of priority country	:U.K.	SHARNBROOK, BEDFORDSHIRE MK44 1LQ (GB) U.K.
(86) International Application No	:PCT/GB2010/001796	(72)Name of Inventor:
Filing Date	:23/09/2010	1)DAVIS, PAUL JAMES
(87) International Publication No	:WO 2011/036457	2)SCHOUTEN, JAMES ALEXANDER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A peptide clearing agent is provided for clearance of a conjugate of an enzyme and a binding molecule which binds specifically at a target location from a non-target location in a subject. The peptide clearing agent binds the active site of the enzyme. The peptide also binds to the asialoglycoprotein receptor expressed by hepatic cells to facilitate clearance through the liver. The peptide may be glycosylated to facilitate clearance through the liver by binding to hepatic cells expressing an asialoglycoprotein receptor. Typically, the peptide prevents or inhibits enzyme activity upon binding to the enzyme and is not substantially modified by the enzyme activity. The peptide may be based upon the dipeptide amino-naphthoic acid (ANA) - glutamate (GIu) and may comprise the amino acid sequence serine (Ser) - Alanine (Ala) - amino-naphthoic acid (ANA) -glutamate (GIu). In such cases, the enzyme of interest is typically CPG2.

No. of Pages: 59 No. of Claims: 31

(21) Application No.2241/DELNP/2015 A

Address of Applicant: 13 4 Uchikanda 1 chome Chiyoda ku

(71)Name of Applicant:

Tokyo 1010047 Japan (72)Name of Inventor:

1)API CORPORATION

1)API CORPORATION

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: DEPROTECTION METHOD FOR TETRAZOLE COMPOUND

(51) International classification :C07D257/04,C07D403/10,C07D405/14

(31) Priority Document

:2012213212

No

(32) Priority Date :26/09/2012

(33) Name of priority country

:Japan

(86) International

:PCT/JP2013/076152

Application No Filing Date

:26/09/2013

(87) International Publication No

:WO 2014/051008

(61) Patent of Addition to :NA

O:NA:NA

Application Number Filing Date

:NA

(62) Divisional to Application Number Filing Date

:NA

(57) Abstract:

Provided is a novel production method for an angiotensin II receptor antagonist which is related to a deprotection method for a tetrazole compound performed under conditions that are economical and suitable for industrial production said tetrazole compound being useful as an intermediate for the angiotensin II receptor antagonist. A method for producing a compound that is represented by general formula (3) or (4) or a salt thereof said method being characterized in that a compound represented by general formula (1) or (2) or a salt thereof is (i) reduced in the presence of a metal catalyst and an alkaline earth metal salt or (ii) reacted with a specific amount of a Brfnsted acid. (In the formulae the symbols are as defined in the description.)

No. of Pages: 148 No. of Claims: 8

(21) Application No.2242/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SOLID FUEL TRANSPORTING SYSTEM FOR A GASIFIER

 (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 	:C10J 3/30 :12/569278 :29/09/2009 :U.S.A. :PCT/US2010/045588 :16/08/2010 :WO 2011/041032 :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)LIU, KE 2)CUI, ZHE 3)CHEN, WEI 4)WANG, MINGMIN
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(57) Abstract:

A system for use in a gasification system comprises an increasing pitch screw feeder and a high-pressure vessel disposed about said increasing pitch screw feeder. The high-pressure vessel comprises an inlet for connection to an outlet of a solid pump and a conveyance gas line and an outlet through which solid fuel delivered from the solid pump is transported to a gasifier. The outlet is downstream of the solid pump and the conveyance gas line.

No. of Pages: 17 No. of Claims: 25

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : PROCESS FOR FORMING DIELECTRIC THIN FILM CAPACITOR HAVING SAID DIELECTRIC THIN FILM

 (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 	:02/09/2010 :WO 2011/027833 :NA	(71)Name of Applicant: 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant: 3-2, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO 1008117 JAPAN Japan (72)Name of Inventor: 1)SAKURAI, HIDEAKI 2)WATANABE, TOSHIAKI 3)SOYAMA, NOBUYUKI
	:NA :NA	5)50 TAMA, NOBO TOM
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In this process of forming a dielectric thin film, when a dielectric thin film represented by Ba1-xSrxTiyO3 (0.2 < x < 0.6 and 0.9 < y < 1.1) is formed by a sol-gel method, the process from coating to baking is carried out 2 to 9 times, the thickness of the thin film formed after the initial baking is 20 nm to 80 nm, the thickness of each thin film formed after the second baking and beyond is 20 nm to less than 200 nm, each baking from the first time to the second to ninth times is carried out by heating to a prescribed temperature within the range of 500° C to 800° C at a heating rate of 1° C to 50° C/minute in an atmosphere at atmospheric pressure, and the total thickness of the dielectric thin film is 100 nm to 600 nm.

No. of Pages: 42 No. of Claims: 4

(21) Application No.2315/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: GEAR PUMP COMPRISING TWO ROTATING PUMP 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 	:F04C 2/08 :10 2009 029 522.4 :17/09/2009 :Germany :PCT/EP2010/060968 :28/07/2010 :WO 2011/032766 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)LANGENBACH, CHRISTIAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein is a gear pump (10) comprising two rotating pump elements, a first housing piece (12) that includes a cavity (13) for accommodating the pump elements and a radial boundary wall (20) that lies radially outside at least one pump element and that immediately adjoins the pump element, a pressure compensation groove (30) extending in the circumferential direction within the boundary wall (20), and a second housing piece (14) that axially delimits the cavity (13). The pressure compensation groove (30) is formed at least in sections by a milled surface inclined relative to the boundary wall (20) and comprises a cross-section, wherein the cross-section is at least substantially closed towards the second housing piece (14).

No. of Pages: 14 No. of Claims: 7

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: LUBRICANTS FOR REFRIGERATION SYSTEMS

(51) International classification	:C10M 105/42	(71)Name of Applicant:
(31) Priority Document No	:61/249,338	1)CHEMTURA CORPORATION
(32) Priority Date	:07/10/2009	Address of Applicant :199 BENSON ROAD,
(33) Name of priority country	:U.S.A.	MIDDLEBURY, CONNECTICUT 06749, UNITED STATES OF
(86) International Application No	:PCT/US2010/049063	AMERICA U.S.A.
Filing Date	:16/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/043905	1)DALE CARR
(61) Patent of Addition to Application	:NA	2)JEFFREY HUTTER
Number	:NA	3)ED HESSELL
Filing Date	.11/1	4)RICHARD KELLEY
(62) Divisional to Application Number	:NA	5)ROBERTO URREGO
Filing Date	:NA	

(57) Abstract:

A polyol ester suitable for use as a lubricant or a lubricant base stock has a kinematic viscosity at 40°C greater than or equal to 200 cSt and a viscosity index of greater than or equal to 100. The ester comprises the reaction product of (a) a polyhydric alcohol component comprising at least 50 mole % of penterythritol, and (b) a carboxylic acid component comprising: (i) at least one linear or branched monocarboxylic acid having 2 to 7 carbon atoms; (ii) at least one branched monocarboxylic acid having 8 to 15 carbon atoms; and (iii) at least one polycarboxylic acid having 2 to 8 carbon atoms; wherein the ratio of the number of acid groups derived from the monocarboxylic acid(s) (i) to the number of acid groups derived from the monocarboxylic acid(s) (ii) is between about 0.9 and about 1.1 and the number of acid groups derived from the polycarboxylic acid(s) (iii) is between about 25 % of the total number of acid groups derived from the carboxylic acids (i), (ii) and (iii).

No. of Pages: 25 No. of Claims: 13

(21) Application No.2250/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: BUSHING FOR OIL FILM BEARING

(51) International

:F16C33/10,F16C13/02,F16C17/02 classification

(31) Priority Document No :13/622764 (32) Priority Date :19/09/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/057812

:03/09/2013 Filing Date

(87) International Publication :WO 2014/046865

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SIEMENS INDUSTRY, INC.

Address of Applicant: 3333 Old Milton Parkway, Alpharetta

Georgia 30005 4437 U.S.A. (72)Name of Inventor:

1)SCHEFFLER, Kenneth R.

2)OSGOOD, Peter N.

3)WOJTKOWSKI ,Thomas C. ,Jr.

(57) Abstract:

A bushing (20) for rotatably supporting a journal (18) comprises a cylindrical wall having an inner bearing surface configured and dimensioned to surround the journal. Oil is supplied continuously to a lubricated zone between the journal and the bearing surface. The thus supplied oil escapes in opposite directions from inboard and outboard ends of the lubricated zone. A circular channel is positioned to capture oil escaping from the outboard end of the lubricated zone. A drain conveys oil captured in the channel back in the direction of oil escaping from the inboard end of the lubricated zone.

No. of Pages: 14 No. of Claims: 8

(21) Application No.2251/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYRINGE NEEDLE ASSEMBLY AND MEDICATION INJECTION 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 	:A61M 5/34 :2009-228547 :30/09/2009 :Japan :PCT/JP2010/065743 :13/09/2010 :WO 2011/040219 :NA :NA :NA	(71)Name of Applicant: 1)TERUMO KABUSHIKI KAISHA Address of Applicant:44-1, HATAGAYA 2-CHOME, SHIBUYA-KU, TOKYO 151-0072, JAPAN Japan (72)Name of Inventor: 1)TAKAYUKI YOKOTA 2)YOICHIRO IWASE 3)YOSHINORI HISHIKAWA
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(57) Abstract:

To prevent a coating agent applied to the surface of a needle tube from being infiltrated into the clearance between the needle tube and a needle hub. A device comprises a needle tube (5) that has a needle tip (5A) capable of puncturing a living body and that is coated with a coating agent on the surface of a tip-end portion on the side of the needle tip (5A); and a needle hub (6) adapted to hold the needle, tube (5) in a state where the needle tip (5A) of the needle tube (5) is protruded. The needle hub (6) has a through-hole (21) through which the needle tube (5) is inserted, and a discharge hole (23) extending from the through-hole (21) to the outer surface of the needle hub (6) and adapted to discharge the coating agent infiltrated into the through-hole (21).

No. of Pages: 44 No. of Claims: 8

(21) Application No.2324/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONNECTION DEVICE FOR AN OPTICAL FIBRE

 (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 	:G02B 6/42 :10 2009 028 595.4 :17/08/2009 :Germany :PCT/EP2010/061613 :10/08/2010 :WO 2011/020743 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS AMP GMBH Address of Applicant: AMPERESTRASSE 12 - 14, D-64625 BENSHEIM, GERMANY Germany (72)Name of Inventor: 1)BIMBOESE, BODO ARMIN BASTIAN 2)HAHN, JOACHIM ALFRED 3)VAN DE BURGT, GUIDO
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(57) Abstract:

A connection device for an optical fibre comprises a housing and a first optical fibre arranged therein. In this case, the first optical fibre is fixed in the housing by a stopper.

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

(21) Application No.2325/DELNP/2012 A

(19) INDIA

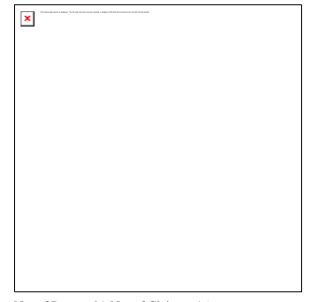
(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMPROVED DEVICE AND METHOD FOR DELIVERY OF A MEDICAMENT

 (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 	:A61K 9/14 :61/242,863 :16/09/2009 :U.S.A. :PCT/US2010/047271 :31/08/2010 :WO 2011/034723 :NA :NA	(71)Name of Applicant: 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant: QUAI JEANRENAUD 3, CH-2000 NEUCHATEL (CH) Switzerland (72)Name of Inventor: 1)ROSE, JED, E 2)ROSE, SETH, D. 3)TURNER, JAMES, EDWARD 4)MURUGESAN, THANGARAJU
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(57) Abstract:

The disclosure relates to an improved method of enhancing nicotine concentrations in a gaseous carrier. The methods are adaptable to the delivery of nicotine for therapeutic effect in various diseases, in particular nicotine for tobacco product use cessation, substitution and/or harm reduction. The disclosure further relates various devices and device design principles for practicing these methods.



No. of Pages: 91 No. of Claims: 16

(21) Application No.2253/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEMS AND METHODS OF CAPTURING LARGE AREA IMAGES IN DETAIL INCLUDING CASCADED CAMERAS AND/OR CALIBRATION FEATURES

 (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 	:G01C 11/02 :12/565,232 :23/09/2009 :U.S.A. :PCT/IB2010/002380 :22/09/2010 :WO 2011/036541 :NA :NA	(71)Name of Applicant: 1)NEARMAP PTY LTD. Address of Applicant:SUITE 8, 281 HAY STREET, SUBIACO, WESTERN AUSTRALIA 6008, AUSTRALIA Australia (72)Name of Inventor: 1)STUART WILLIAM NIXON
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(57) Abstract:

A method and system are presented in which images are captured from overview and detail imaging devices such that overview images are created with a first degree of redundancy, and detail images are captured with less overlap and a second degree of redundancy.

No. of Pages: 52 No. of Claims: 39

(21) Application No.2253/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : FACILITY MALFUNCTION MONITORING SYSTEM AND FACILITY MALFUNCTION MONITORING 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 	:G05B23/02 :2012207094 :20/09/2012 :Japan :PCT/JP2013/074265 :09/09/2013 :WO 2014/045922 :NA :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor: 1)JFE STEEL CORPORATION
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(57) Abstract:

An objective of the present invention is to provide a facility malfunction monitoring system and a facility malfunction monitoring method whereby it is possible to sense a malfunction of a facility without requiring much labor or time. A facility malfunction monitoring terminal device (40) transmits to a facility malfunction monitoring server (30) correspondent with the activation of the facility malfunction monitoring terminal device (40) unique identification information which is assigned to an observer who operates the facility malfunction monitoring terminal device (40) and displays information which is transmitted from the facility malfunction monitoring server (30). The facility malfunction monitoring server (30) stores activation information including measurement data relating to a plurality of facilities and information relating to at least a facility to be monitored which is set for each observer extracts information relating to a facility to be monitored which is designated in the activation information corresponding to the identification information which is transmitted from the facility malfunction monitoring terminal device (40) and transmits to the facility malfunction monitoring terminal device (40)the extracted information relating to the facility to be monitored.

No. of Pages: 91 No. of Claims: 7

(21) Application No.2327/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PACKAGING FOR GUMMY SUBSTRATUM

 (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 	:A61C 7/16 :61/276,993 :18/09/2009 :U.S.A. :PCT/US2010/049447 :20/09/2010 :WO 2011/035227 :NA :NA	(71)Name of Applicant: 1)CAO GROUP INC. Address of Applicant: 4628 W. SKYHAWK DRIVE, WEST JORDAN, UT 84084, U.S.A. U.S.A. (72)Name of Inventor: 1)JENSEN, STEVEN, D. 2)CAO, DENSEN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Implementations of the present invention include methods, devices, and systems that provide effective packaging items with at least one gummy surface. In particular, implementations of the present invention provide a package for items with a gummy surface that does not require a separate liner to be placed on the gummy surface. In example implementations, the package includes inadhesive polymers such that the item can be removeably adhered to a portion of the package. Moreover, example embodiments of the present invention provide packaging devices, systems, and methods that allow an item with a gummy surface to be packaged without any part of the package interfacing with the gummy surface.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONSTANT ANGLE AND PRESSURE CONVEYOR BELT CLEANER AND TENSIONER

(51) International classification	:G05B	(71)Name of Applicant:
(31) Priority Document No	:10/996,843	1)MARTIN ENGINEERING COMPANY
(32) Priority Date	:24/11/2004	Address of Applicant :One Martin Place Neponset IL 61345-
(33) Name of priority country	:U.S.A.	9766 USA. U.S.A.
(86) International Application No	:PCT/US2005/042587	(72)Name of Inventor:
Filing Date	:23/11/2005	1)SWINDERMAN Robert Todd
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filed on	:3640/DELNP/2007 :15/05/2007	

(57) Abstract:

A tensioner for maintaining engagement of a conveyor belt cleaner including one or more scraper blades mounted on a rotatable support frame with a conveyor belt. The tensioner includes a mounting member attached to the support frame for conjoint rotation therewith a biasing member attached to the mounting member and an actuator attached to the biasing member. Operation of the actuator stores a biasing force within the biasing member which in turn rotates the scraper blades into full-face engagement with the conveyor belt. As the scraper blades wear the biasing member continues to rotate the blades into full-face engagement with the conveyor belt with a biasing force that changes in magnitude. The scraper blades include a blade face having an area which changes as the blades wear in order to maintain a substantially constant contact pressure between the blades and the conveyor belt as the blades wear.

No. of Pages: 38 No. of Claims: 5

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : SINGLE CRYSTAL CHEMICAL VAPOUR DEPOSITED SYNTHETIC DIAMOND MATERIALS HAVING UNIFORM COLOUR

(51) International classification	:C30B25/02,C30B29/04	(71)Name of Applicant:
(31) Priority Document No	:1216697.1	1)ELEMENT SIX TECHNOLOGIES LIMITED
(32) Priority Date	:19/09/2012	Address of Applicant :Isle ofMan Freeport, P O Box 6,
(33) Name of priority country	:U.K.	Ballasalla, Isle of Man 6AQ U.K.
(86) International Application No	:PCT/EP2013/069013	(72)Name of Inventor:
Filing Date	:13/09/2013	1)DHILLON, Harpreet Kaur;
(87) International Publication No	:WO 2014/044607	2)FRIEL, Ian;
(61) Patent of Addition to Application	:NA	3)TWITCHEN, Daniel James;
Number	:NA	4)GEOGHEGAN, Sarah Louise;
Filing Date	.NA	5)GALLON, Helen Jennifer;
(62) Divisional to Application Number	:NA	6)PERKINS, Neil;
Filing Date	:NA	7)MARTINEAU, Philip Maurice;

(57) Abstract:

A coloured single crystal CVD synthetic diamond material comprising: a plurality of layers, wherein the plurality of layers includes at least two sets of layers which differ in terms of their defect composition and colour, wherein defect type, defect concentration and layer thickness for each of the at least two sets of layers is such that if the coloured single crystal CVD diamond material is fabricated into a round brilliant cut diamond comprising a table and a culet, and having a table to culet depth greater than 1 mm, the round brilliant cut diamond comprises a uniform colour as viewed by naked human eye under standard ambient viewing conditions in at least a direction through the table to the culet.

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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYNERGISTIC FUNGICIDAL COMPOSITIONS CONTAINING A 5-FLUOROPYRIMIDINE DERIVATIVE FOR FUNGAL CONTROL IN CEREALS

 (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 	:C07D 213/00 :61/238,793 :01/09/2009 :U.S.A. :PCT/US2010/047135 :30/08/2010 :WO 2011/028657 :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant: 9330 ZIONSVILLE ROAD, INDIANAPOLIS, IN 46268-1054, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CARLA KLITTICH 2)BETH LORSBACH 3)ALICE MEITL 4)W. OWEN 5)CHENGLIN YAO
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(57) Abstract:

A fungicidal composition containing a fungicidally effective amount of a) a compound of Formula IA and/or IB and (b) at least one fungicide selected from the group consisting of epoxiconazole, prothioconazole, azoxystrobin, pyraclostrobin, penthiopyrad, isopyrazam, bixafen, boscalid, prochloraz, chlorothalanil, isobutyric acid (3S,6S,7R,8R)-8-benzyl-3-[(3-isobutyryloxymethoxy-4-methoxypyridine-2-carbonyl)-amino]-6-methyl-4,9-dioxo-[l,5]dioxonan-7-yl ester, and (5,8-difluoroquinazolin-4-yl)-{2-[2-fluoro-4-(4-trifluoromethylpyridin-2-yloxy)-phenyl]-ethyl}-amine provides synergistic control of selected fungi.

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

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: VERTICALLY ADJUSTABLE ARMREST ASSEMBLY FOR A VEHICLE INTERIOR COMPONENT

 (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 	:B60N2/46 :61/703886 :21/09/2012 :U.S.A. :PCT/US2013/060623 :19/09/2013 :WO 2014/047290 :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant:915 East 32nd Street, Holland ,Michigan 49423 U.S.A. (72)Name of Inventor: 1)ANDERSON, Rick A.; 2)SHERBURN, Kenneth Daniel; 3)NURENBERG, Randy William;
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(57) Abstract:

An armrest assembly includes a pivot joint (34) positioned at a first longitudinal end of the armrest assembly. The pivot joint is configured to rotatably couple the armrest assembly to a housing of a vehicle interior component. The armrest assembly also includes an armrest (22) configured to rotate about the pivot joint between a lowered position and a raised position. In addition, the armrest assembly includes an adjustment mechanism (38) positioned at a second longitudinal end of the armrest assembly, opposite the first longitudinal end. The adjustment mechanism is configured to hold the armrest in one of a variety of vertical positions including the lowered position and the raised position.

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

(21) Application No.2336/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMAGING SYSTEM AND TECHNIFQUES

 (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 	:G02B 27/02 :61/252,995 :19/10/2009 :U.S.A. :PCT/US2010/002772 :18/10/2010 :WO 2011/0049608 :NA :NA :NA	(71)Name of Applicant: 1)VENTANA MEDICAL SYSTEMS INC. Address of Applicant:1910 E. INNOVATION PARK DIRVE, TUCSON, AZ 85755, U.S.A. U.S.A. (72)Name of Inventor: 1)GREGORY C. LONEY 2)GLENN STARK 3)CHRIS TODD 4)BIKASH SABATA
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(57) Abstract:

Systems and techniques for an optical scanning microscope and/or other appropriate imaging system includes components for scanning and collecting focused images of a tissue sample and/or other object disposed on a slide. The focusing system described herein provides for determining best focus for each snapshot as a snapshot is captured, which may be referred to as on-the-fiy focusing. The devices and techniques provided herein lead to significant reductions in the time required for forming a digital image of an area in a pathology slide and provide for the creation of high quality digital images of a specimen at high throughput.

No. of Pages: 108 No. of Claims: 70

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: 'MULTI-MODALITY CONTRAST AND BRIGHTFIELD CONTEXT RENDERING FOR ENHANCED PATHOLOGY DETERMINATION AND MULTI-ANALYTE DETECTION IN TISSUE

(71)Name of Applicant: (51) International classification :G01N 33/483 1) VENTANA MEDICAL SYSTEMS INC. (31) Priority Document No :61/250,809 Address of Applicant: 1910 E. INNOVATION PARK DRIVE, (32) Priority Date :12/10/2009 TUCSON, AZ 85755, U.S.A. U.S.A. (33) Name of priority country :U.S.A. (72) Name of Inventor: (86) International Application No :PCT/US2010/051857 1)KARL GARSHA Filing Date :07/10/2010 2)GARY PESTANO (87) International Publication No :WO 2011/046807 3)MICHAEL OTTER (61) Patent of Addition to Application :NA 4)ALEXANDRA DEA NAGY Number 5)RAY B.NAGLE :NA Filing Date 6)PHILLIP MILLER (62) Divisional to Application Number :NA 7) JAN FROEHLICH Filing Date :NA 8) WILLIAM DAY

(57) Abstract:

Multiple modality contrast can be used to produce images that can be combined and rendered to produce images similar to those produced with wavelength absorbing stains viewed under transmitted white light illumination. Images obtained with other complementary contrast modalities can be presented using engineered color schemes based on classical contrast methods used to reveal the same anatomical structures and histochemistry, thereby providing relevance to medical training and experience. Dark-field contrast images derived from refractive index and fluorescent DAPI counterstain images are combined to produce images similar to those obtained with conventional H&E staining for pathology interpretation. Such multi-modal image data can be streamed for live navigation of histological samples, and can be combined with molecular localizations of genetic DNA probes (FISH), sites of mRNA expression (mRNA-ISH), and immunohistochemical (IHC) probes localized on the same tissue sections, used to evaluate and map tissue sections prepared for imaging mass spectrometry.

No. of Pages: 65 No. of Claims: 37

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INJECTOR MOUNT

(51) International classification	:F01N 3/36	(71)Name of Applicant:
(31) Priority Document No	:10 2009 048 514.7	1)EMITEC GESELLSCHAFT FUR
(32) Priority Date	:07/10/2009	EMISSIONSTECHNOLOGIE MBH
(33) Name of priority country	:Germany	Address of Applicant :HAUPTSTRASSE 128, 53797
(86) International Application No	:PCT/EP2010/062071	LOHMAR (DE) Germany
Filing Date	:18/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/042247	1)HODGSON, JAN
(61) Patent of Addition to Application	:NA	2)SCHEPERS, SVEN
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an injector mount (1) for accommodating at least one injector (10) completely, comprising a housing (20) having at least one injector chamber (9), wherein the at least one injector chamber (9) comprises a first opening (2) and a second opening (3). It is possible for the first opening (2) of the injector chamber (9) to be connected to a region (12) of an exhaust line (8) that conducts exhaust gas, and for the second opening (3) of the injector chamber (9) to be closed repeatedly by means of a closure (6).

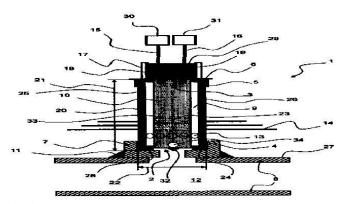


Fig. 1

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

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : TRANSITIONING BETWEEN RESONANT CLOCKING MODE AND CONVENTIONAL CLOCKING MODE

 (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 	:G06F1/04 :61/695702 :31/08/2012 :U.S.A. :PCT/US2013/057614 :30/08/2013 :WO 2014/036457 :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: P.O. Box 3453 One AMD Place Sunnyvale California 94088 U.S.A. (72)Name of Inventor: 1)SATHE, Visvesh S.; 2)AREKAPUDI, Srikanth; 3)OUYANG, Charles; 4)VIAU, Kyle;
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(57) Abstract:

A resonant clock network includes an inductor coupled to the clock network through a plurality of switches. When the clock network enters resonant mode, the turn- on of the switches to couple the inductor to the clock network is staggered. The clock network may be formed of multiple regions each with its own inductor and switches. The turn- on of switches of each region may be staggered with respect to the turn on off the switches of the other regions as well as to the turn- on of switches within a region. In addition to staggering the turn- on of the switches when entering the resonant mode, the switches may be turned off in a staggered manner when exiting the resonant mode of operation.

No. of Pages: 24 No. of Claims: 15

(21) Application No.2274/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FRONT-AND-REAR-WHEEL-DRIVE 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 	:20/12/2010 :WO 2011/083680 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Address of Applicant: 33-8, SHIBA 5-CHOME, MINATO- KU, TOKYO 108-8410, JAPAN; Japan (72)Name of Inventor: 1)NAGAMORI, TAKEO 2)SAKAGUCHI, YOSHIHIRO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a front-and-rear-wheel-drive vehicle which can reduce weight and cost of a vehicle while maintaining ability to travel at high speed. A vehicle (10) comprises a front motor (41) which drives front wheels (11), a rear motor (51) which drives rear wheels (12) and has a maximum torque greater than a maximum torque of the front motor (41), a front-wheel speed reducer (43) which reduces rotation of the rear motor (51) and transmits the reduced rotation to the front wheels (11), a rear-wheel speed reducer (53) which reduces rotation of the rear motor (51) at a speed reduction ratio smaller than a speed reduction ratio of the front-wheel speed reducer (43) and transmits the reduced rotation to the rear wheels (12). The speed reduction ratios of the front and rear-wheel speed reducers (43, 53) are set in a manner that a maximum rate of rotation of the rear wheels (12) is greater than a maximum rate of rotation of the front wheels (11).

No. of Pages: 42 No. of Claims: 8

(21) Application No.2274/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND DEVICE FOR CONNECTING CONDUCTORS TO SUBSTRATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:10 2012 107 896.3 :28/08/2012 :Germany :PCT/EP2013/067478	(71)Name of Applicant: 1) REINHAUSEN PLASMA GMBH Address of Applicant: Weidener Strae 16, 93057 Regensburg Germany (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:22/08/2013 :WO 2014/033047 :NA :NA :NA	1)SHIRINOV, Elshad;

(57) Abstract:

The invention relates to a method and a device (1) for connecting conductors (10) to substrates (20). The device (1) comprises at least one positioning unit (40) which positions a conductor (10) in a section (33) to be connected on or near the substrate (20). A plasma (51) is generated in at least one plasma source (50). At least one feed line (55) serves for feeding a connecting material (30) into the plasma (51) of the plasma source (50). Furthermore, a plurality of devices (1) according to the invention can be combined in a system which is designed for the parallel processing of one or a plurality of substrates (20).

No. of Pages: 43 No. of Claims: 15

(21) Application No.2345/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INHIBITION OF ENDOSOMAL TOLL-LIKE RECEPTOR ACTIVATION

 (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 	:16/09/2010 :WO 2011/034583 :NA :NA	(71)Name of Applicant: 1)DUKE UNIVERSITY Address of Applicant: DURHAM, NC 27708, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SULLENGER, BRUCE, A. 2)LEE, JAEWOO
1 (01110 01	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates, in general, to pattern-recognition receptors (PRRs), including toll-like receptors (TLRs), and, in particular, to a method of inhibiting nucleic acid-induced activation of, for example, endosomal TLRs using an agent that binds to the nucleic acid (nucleic acid binding agent), preferably, in a manner that is independent of the nucleotide sequence, the chemistry (e.g., DNA or RNA, with or without base or sugar modifications) and/or the structure (e.g., double-stranded or single-stranded, complexed or uncomplexed with, for example protein) of the nucleic acid(s) responsible for inducing TLR activation. The invention also relates to methods of identifying nucleic acid binding agents suitable for use in such methods.

No. of Pages: 49 No. of Claims: 17

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND DEVICE FOR CONTROLLING A RATE CONTROL 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 Filing Date 	:F02D 41/24 :10 2009 046 783.1 :17/11/2009 :Germany :PCT/EP2010/065873 :21/10/2010 :WO 2011/061038 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant:POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)WILMS, RAINER 2)SCHUMACHER, MATTHIAS 3)KUEMPEL, JOERG 4)MAESS, MATTHIAS
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(57) Abstract:

The present subject matter relates to a method for controlling a rate control valve (30). At least two characteristic parameters (102, 104) characterize the rate control valve (30) and a control signal supplied to the rate control valve (30) is defined by the at least two characteristic parameters. Based on the result of a first adaptation (90) and a second adaption (92), a first characteristic parameter (102) is determined, or based on the result of a first adaption (90) and a first characteristic parameter (102), a second characteristic parameter (104) is determined.

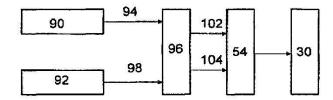


Fig. 3

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

(21) Application No.2259/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISPENSER WITH AN AUTOMATIC PUMP OUTPUT DETECTION 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 	:A47K 5/12 :12/561,392 :17/09/2009 :U.S.A. :PCT/US2010/049288 :17/09/2010 :WO 2011/035127 :NA :NA	(71)Name of Applicant: 1)GOJO INDUSTRIES, INC. Address of Applicant: ONE GOJO PLAZA, SUITE 500, P.O. BOX 991, AKRON, OHIO 44309, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)AARON R. REYNOLDS
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dispenser with an automatic pump output detection system provides a pump with an adjustable output. The pump is coupled to a current sensor that generates an operating profile based on the electrical current consumed during each dispensement of material by the pump. A controller that includes one or more previously-stored reference profiles that correspond to discrete pump output amount values that are compared with each generated operating profile, whereby the discrete pump output amounts associated with the matching reference profile is used to compute various usage data associated with the operation of the dispenser.

No. of Pages: 14 No. of Claims: 19

(21) Application No.2260/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COOLING APPARATUS AND COOLING METHOD FOR HOT ROLLING

(51) International classification	:B21B 45/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:NA	CORPORATION
(33) Name of priority country	:NA	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(86) International Application No	:PCT/JP2009/005223	CHIYODA-KU, TOKYO 100-8071, JAPAN, Japan
Filing Date	:07/10/2009	(72)Name of Inventor:
(87) International Publication No	:WO 2011/042934	1)YOSHIHIRO SERIZAWA
(61) Patent of Addition to Application	:NA	2)SHIGERU OGAWA
Number	:NA	3)YOJI NAKAMURA
Filing Date	.IVA	4)TOORU AKASHI
(62) Divisional to Application Number	:NA	5)NORIYUKI HISHINUMA
Filing Date	:NA	6)TETSUO KISHIMOTO

(57) Abstract:

A cooling apparatus for hot rolling is installed on a downstream side of a finishing mill of a continuous hot rolling mill, and cools a steel sheet rolled by the finishing mill while being conveyed. The cooling apparatus includes first pinch rolls which, during an interval when the steel sheet fed out from a final stand of the finishing mill moves from a position of the final stand to a position where a surface temperature of the steel sheet reaches 850°C or less, pinch the steel sheet while applying tension of 3.9 MPa or greater.

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

(21) Application No.2260/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: NONWOVEN FABRICS OF INDIVIDUALIZED BAST FIBERS

(51) International classification :D04H1/425,D04H1/4382,D04H1/542

(31) Priority Document No :61/697073 (32) Priority Date :05/09/2012 (33) Name of priority

country :U.S.A.

(86) International PCT/US2013/057228 Application No

Filing Date :29/08/2013

(87) International Publication No :WO 2014/039361

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

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

(71)Name of Applicant:

1)GEORGIA- PACIFIC CONSUMER PRODUCTS LP Address of Applicant:133 Peachtree Street NE, Atlanta

,Georgia 30303 U.S.A. (72)Name of Inventor: 1)BAER, Samuel Charles;

2)LERCH, Michael Shea; 3)WRIGHT, Alan Edward;

(57) Abstract:

Nonwoven textile fabrics in accordance with the present invention are formed primarily of individualized bast fibers substantially free of pectin. The nonwoven fabric can include staple fibers to a lesser extent than the individualized bast fibers. Individualized bast fibers include fibers derived from the flax and hemp plants. The nonwoven textile fabric is formed into a web while in a dry state and subsequently bonded to produce a nonwoven fabric.

No. of Pages: 51 No. of Claims: 135

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : USE OF DENDRIMER NANOTECHNOLOGY FOR DELIVERY OF BIOMOLECULES INTO PLANT CELLS

(51) International classification	:C12N 15/87	(71)Name of Applicant:
(31) Priority Document No	:61/252,607	1)DOW AGROSCIENCES LLC
(32) Priority Date	:16/10/2009	Address of Applicant :9330 ZIONSVILLE ROAD,
(33) Name of priority country	:U.S.A.	INDIANAPOLIS, IN 46268, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/051655	U.S.A.
Filing Date	:06/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/046786	1)JAYAKUMAR PON SAMUEL
(61) Patent of Addition to Application	:NA	2)NARASIMHA CHARY SAMBOJU
Number		3)KERRM Y. YAU
Filing Date	:NA	4)STEVEN R. WEBB
(62) Divisional to Application Number	:NA	5)FRANK G. BURROUGHS
Filing Date	:NA	

(57) Abstract:

Provided are methods for introducing a molecule of interest into a plant cell having a cell wall by using dendrimers, and optionally one or more CPPs. Methods are provided for genetically or otherwise modifying plants and for treating or preventing disease in plant cells comprising a cell wall.

No. of Pages: 45 No. of Claims: 21

(21) Application No.2334/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SOUND ABATING HEAT SINK AND MOTOR 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 	:30/09/2010 :WO 2011/041554 :NA :NA	(71)Name of Applicant: 1)BECKMAN COUTER, INC. Address of Applicant: 250 S. KRAEMER BOULEVARD, BREA, CA 92821, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JEFFREY H. BURNS
Filing Date	:NA	

(57) Abstract:

A centrifuge includes a rotor configured to receive sample containers; a drive shaft operatitively coupled to the mo-tor and a motor. The motor includes a housing; a plurality of substantially parallel tins integral with the housing, each fin having a free end spaced from the housing, wherein the free ends of the plurality of fins are disposed in a common cylindrical plane; and a plurality of substantially parallel grooves, each groove disposed between a pair of adjacent tins and having a groove depth de¬fined by a distance between the common cylindrical plane and the housing. Wherein the plurality of grooves includes a first multi¬tude of grooves having a common groove depth and a second multitude of grooves having a groove depth that is not the same as the common groove depth, wherein the first and second multitude of grooves are interleaved.

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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SUBSTRATES COATED WITH CLEAR POLYUREA FILM-FORMING COMPOSITIONS

(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	C08G 18/10 12/569,299 29/09/2009 U.S.A.	(71)Name of Applicant: 1)PPG INDUSTRIES OHIO, INC. Address of Applicant:3800 WEST 143RD STREET, CLEVELAND, OHIO 44111, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)YAKULIS, JR., GEORGE 2)MILLERO, JR., EDWARD, R. 3)FURAR, JOHN M. 4)VOTRUBA-DRZAL, PETER L. 5)RUSSELL, BARRY, A. 6)BRATYS, DAN M. 7)TRINDADE, JOSE C. 8)SENKFOR, HOWARD, L.
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(57) Abstract:

The present invention is directed to substrates coated with a transparent or translucent film-forming composition, prepared from a curable, two-package composition comprising a first and second reactive package. The first reactive package contains a polyamine component comprising: i) a polyether functional polyamine; ii) an aspartic ester functional polyamine; and iii) an aliphatic polyamine. The second reactive package comprises a polyisocyanate, and the curable composition, under ambient conditions, upon mixing of the reactive packages, demonstrates a gel time of at least 2500 seconds.

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

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

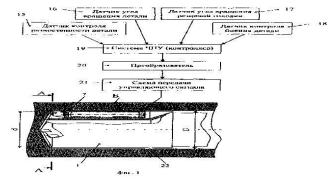
(54) Title of the invention: DEVICE FOR DRILLING OR BORING OPENINGS

(51) International classification	:B23B 29/034	(71)Name of Applicant:
(31) Priority Document No	:2009131616	1)VEDEL, MIKHAIL VLADIMIROVICH
(32) Priority Date	:20/08/2009	Address of Applicant :TURGENEVA, 12-78, 6147017,
(33) Name of priority country	:Russia	PERM, RUSSIA (RU) Russia
(86) International Application No	:PCT/RU2010/000427	(72)Name of Inventor:
Filing Date	:02/08/2010	1)VEDEL, MIKHAIL VLADIMIROVICH
(87) International Publication No	:WO 2011/000427	
(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 device for drilling or boring openings, primarily deep openings, comprises a cutter head (1) with guides (5), (6), said head being equipped with a device (7) for displacing the cutter (8) in the radial direction from the drive (10). The input of the drive (10) is connected via a control signal transmission circuit (21) and a transducer (20) to the output of a system (19) for digital programming control (DPC). A sensor (15) for checking variations in the wall thickness of the component, a sensor (16) of the angle of rotation of the component, a sensor (17) of the angle of rotation of the cutter head (1) and a sensor (18) for checking the wobbling of the component (22) are connected to the DPC system (19). The drive (10) of the device (7) for displacing the cutter (8) in the radial direction is in the form of a linear drive and is mounted on the cutter head (1). The technical result is expressed in an increase in the accuracy of machining deep openings while ensuring that said openings can be corrected during the process of machining the openings.

Figure for the Abstract:



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

(21) Application No.2341/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FLOORBOARD FIXING DEVICE

(51) International classification(31) Priority Document No	:E04F 15/02 :2009-238648	(71)Name of Applicant: 1)WPC CORPORATION
(32) Priority Date	:15/09/2009	Address of Applicant :7-12-604, MITA 5-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 1080073, JAPAN Japan
(86) International Application No	:PCT/JP2010/065311	(72)Name of Inventor:
Filing Date	:07/09/2010	1)KIKUCHI, TAKEYASU
(87) International Publication No	:WO/2011/045992	2)FUKAWA, SEIICHI
(61) Patent of Addition to Application Number	:NA	3)NAKAMURA, YUICHIRO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a floorboard fixing device which restricts floorboard movement caused by external force that is caused by everyday use and which, when expansion, shrinkage, or the like occurs in a floorboard, is capable of fixing the floorboard onto a support member like a joist in such a way as to be able to permit movement of the floorboard. More specifically, provided is a floorboard fixing device (1) that fixes a floorboard (4) wherein a slit (41) is longitudinally formed on both side surfaces (40) in the width direction. A bridge piece (3) and a spacer piece (2) are integrally formed by a flexible synthetic resin material into an approximately cross shape, the aforementioned bridge piece (3) being to insert into the slit (41) formed on the side surface (40) of each of two floorboards which are disposed adjacent to each other, and the aforementioned spacer piece (2) protruding toward the front surface and the back surface of each floorboard from an intermediate position, in the width direction, of the bridge piece (3) and being held between the side surfaces of the two floorboards. There is formed an insertion hole (21) which is cut through the spacer piece (2). A fastener is inserted into the insertion hole (21). On a side surface (23) of the spacer piece (2), this side surface (23) being in contact with the side surface (40) of one of the floorboards, there are formed, in the direction which perpendicularly intersects with the longitudinal direction of the aforementioned side surface (40) of the floorboard, a plurality of protrusions (22, 22') which form a row of protrusions located at predetermined intervals.

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

(22) Date of filing of Application :20/03/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention : DEVICE OF TIME -SHARING AND SECTIONAL RIDE COMBINATION, DEVICE OF TRANSPORTATION AND METHOD OF CHARGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:12/04/2013	(71)Name of Applicant: 1)LIU, Yanrui Address of Applicant:Room 605 Building 13, Changan New City, Dachengnanli Fengtai, Beijing 100039 China (72)Name of Inventor: 1)LIU, Yanrui
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2014/029215 :NA :NA :NA :NA	

(57) Abstract:

The invention relates to a device of time- sharing and sectional ride combination and a device of transportation which comprises a data inputting module, a database, a data outputting module, and a computing module and the computing module is used for computing the inputted data according to formula (I) and transmitting a computing result to the outputting module, wherein Ci is the fee of an i- th passenger; i is a natural number; p is the existing charge standard; rij is the discount rate of the i- th passenger at a j- th state; L ij is the travel of the i-th passenger at the j-th state; and the discount rate is selected from a preset fee discount list of the database. The invention further relates to a time -sharing and sectional ride combination charging method of the transportation device.

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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SOLID FUEL CONVEYANCE AND INJECTION SYSTEM FOR A GASIFIER

 (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 	:09/08/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)General Electric Company Address of Applicant: 1 River Road Schenectady New York 12345 U.S.A U.S.A. (72)Name of Inventor: 1)LIU Ke 2)CUI Zhe 3)CHEN Wei 4)WANG Mingmin
Filing Date	:NA :NA	

(57) Abstract:

A system for use in a gasification system comprises a solid pump that delivers a pressurized fuel and a high-pressure transition vessel. The transition vessel comprises a first inlet connected to an outlet of the solid pump so that all of the fuel from the solid pump passes through the transition vessel a second inlet for connection to a conveyance gas line and an outlet through which the fuel is transported to a gasifier. The transition vessel is elongated in the direction of a flow so that a conveyance gas introduced through said conveyance gas line plus the pressure difference carries the fuel to the gasifier.

No. of Pages: 23 No. of Claims: 27

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: FRICTION WELD COAXIAL CONNECTOR AND INTERCONNECTION 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 	:H01R24/38 :13/644081 :03/10/2012 :U.S.A. :PCT/US2013/059398 :12/09/2013 :WO 2014/055215 :NA :NA	(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)VAC CARO, Ronald; 3)FLEMING, James;
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(57) Abstract:

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 dimensioned for an interference fit with an outer diameter of the outer conductor. A friction groove may be formed around the leading end of the outer conductor by application of a friction weld support against the inner diameter and leading end of the outer conductor. The friction groove may include a material chamber formed between a radial friction protrusion of the bore and a bottom of the friction groove. The friction weld support may be provided with ceramic surfaces contacting the outer conductor , a stop shoulder dimensioned to abut a cable end of the bore and/or an elastic insert seated within an inner conductor bore.

No. of Pages: 35 No. of Claims: 20

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRICAL 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 	:H05K 7/14 :10 2009 045 21401 :30/09/2009 :Germany :PCT/EP2010/063617 :16/09/2010 :WO 2011/039058 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)SPIELER, JOCHEN 2)BAERMANN, JOACHIM
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present subject matter relates to an electrical device (10), in particular control device for alternating current generators, comprising a housing (13) and an electrically activated module (26) for controlling an electrical property (I). Further, the electrically activated module (26) is retained in the housing (13) by means of a press fit (55), and at least one clamping connection portion (64) presses the plate portion (23) in such a way that a retaining force (FR) acts between the clamping connection portion (64) and the plate portion (23). The plate portion (23) comprises two opposite surfaces (27, 29). The plate portion (23) or the clamping connection portion (64) traverses or crosses only one of the two opposite surfaces (27, 29).

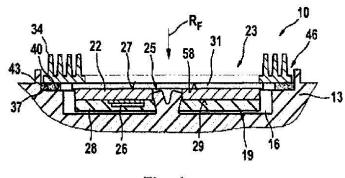


Fig. 1

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

(21) Application No.2278/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention: ABSORBENT ARTICLE

(51) International classification :A61F13/15,A6
(31) Priority Document No :2012218977
(32) Priority Date :30/09/2012

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2013/072161 Filing Date :20/08/2013

(87) International Publication No :WO 2014/050366

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

:A61F13/15,A61F13/53 (71)Name of Applicant :

1)UNICHARM CORPORATION

Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo

shi Ehime 7990111 Japan (72)**Name of Inventor:**

1)UNICHARM CORPORATION

(57) Abstract:

The present invention addresses the problem of in an absorbent article preventing the leakage of fiber constituting an absorbent core from a non coated region through a liquid permeable layer said leakage possibly occurring when the strength of the absorbent core is decreased due to liquid absorption. To solve this problem provided is a sanitary napkin (1) which comprises a top sheet (2) a back sheet (3) and an absorbent core (4) that is interposed between the top sheet (2) and the back sheet (3) wherein: the absorbent core (4) which involves a non coated region where the constituting fiber is exposed on the surface and in contact directly with the top sheet (2) contains a thermoplastic resin fiber said thermoplastic resin fiber containing as a monomer component an unsaturated carboxylic acid an unsaturated carboxylic acid anhydride or a mixture thereof at a mixing ratio by mass to a cellulose based water absorbing fiber of 1/9 or more; and the wet fiber fall off rate of the absorbent core (4) is controlled to 13.3% or less.

No. of Pages: 95 No. of Claims: 15

(21) Application No.2279/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VALVE WITH SAFETY PROTRUSION

 (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 	:B23B :09168169.2 :19/08/2009 :EPO :PCT/EP2010/062063 :18/08/2010 : NA :NA	(71)Name of Applicant: 1)ALTACHEM HOLDING NV Address of Applicant: Industrielaan 12 B-9800 Deinze Belgium. Belgium 2)FAIGLE KUNSTSTOFFE GMBH (72)Name of Inventor: 1)Aster DE SCHRIJVER 2)Cathy DE MAERTELAERE 3)Jordi DEMEY 4)Dietmar MURNIG
	:NA :NA :NA	

(57) Abstract:

The present invention is directed to a valve (1) for a container comprising a grommet 5 (2) having a plug system (10) and defining a channel (3) with an inlet end (4) and an outlet end (5) and a stem (6) slideably arranged in the channel (3) whereby the grommet (2) comprises at least two parts (7) and (8) sealingly engaged said first part (7) having protrusion within said second part (8).

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

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: CLEANING OF CORONA DISCHARGE ION SOURCE

:G01N27/62,H01J49/16 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) SMITHS DETECTION -WATFORD LIMITED :61/704031 (32) Priority Date :21/09/2012 Address of Applicant: 459 Park Avenue, Bushey, Watford, (33) Name of priority country Hertfordshire, WD23 2BW U.K. :U.S.A. (86) International Application No :PCT/GB2013/052469 (72) Name of Inventor: Filing Date :20/09/2013 1) EASTON. Matt (87) International Publication No :WO 2014/045051 2) TAYLOR, Stephen (61) Patent of Addition to Application 3)GRANT, Bruce :NA Number 4)MCINTYRE, Henry :NA Filing Date 5)CLARK, Alastair (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Systems and techniques for cleaning a corona discharge point are described. A controller (150) can be operatively coupled to a corona discharge point (108) to control the operation of the corona discharge point (1089. The controller (150) and the corona discharge point (108) can be included with, for example, an ion mobility spectrometry (IMS) system (100). The controller (150) can be used to operate the corona discharge point (108) at an operating voltage for a first time interval, with or without an additional higher pulse voltage, to produce a corona discharge and to operate the corona discharge, point (108) at a cleaning voltage greater than the operating voltage for a second time interval subsequent to the first time interval to produce a corona discharge. The effectiveness of the corona discharge point (108) can be monitored by, for instance, measuring a voltage necessary to produce a corona discharge at the corona discharge point (108), measuring a current produced at the corona discharge point (108) from a corona discharge, and so forth.

No. of Pages: 24 No. of Claims: 20

(21) Application No.2352/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMBINATION SQUARE

(51) International classification	:G01B 3/02	(71)Name of Applicant:
(31) Priority Document No	:2009903936	1)MARC & MUFF PTY LTD
(32) Priority Date	:20/08/2009	Address of Applicant :26 THE CRESCENT, MARAYONG,
(33) Name of priority country	:Australia	NEW SOUTH WALES 2148, AUSTRALIA Australia
(86) International Application No	:PCT/UA2010/001072	(72)Name of Inventor:
Filing Date	:20/08/2010	1)HERNIMAN, EAN
(87) International Publication No	:WO 2011/020156	2)DI GIULIO, MARC
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

(EN)This disclosure relates to a combination square comprising a blade and a body. A lock permits the blade to slide relative to the body in an unlocked configuration and locks the blade with respect to the body in a locked configuration. The combination square also comprises a removable extension bracket being wider than and removable from the body and comprising one or more working surfaces. Certain embodiments also comprise a locking mechanism with a clamp subassembly comprising a cam follower portion. Other embodiments also comprise a scribe guide adapted to locate on the blade, the scribe guide having an aperture for receiving a scribe in use.

No. of Pages: 61 No. of Claims: 61

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FORMATION OF LATEX COAGULUM COMPOSITE FOR TIRE COMPOSITION

 (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 	:C08L 7/02 :61/276,876 :17/09/2009 :U.S.A. :PCT/US2010/002518 :16/09/2010 :WO 2011/034585	(72)Name of Inventor : 1)TING WANG
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MENG-JIAO WANG 3)BERNARD MARIADASS 4)THIRUNAVUC KARASU GOVINDAN
(62) Divisional to Application Number Filing Date	:NA :NA	5)ANTHONY DAS THIRUHELVANATHAN 6)KWANG LEE BOON 7)XUAN ZHANG

(57) Abstract:

The invention concerns a tire comprising a rubber composition based on at least an elastomer composite formed by the method of flowing a coagulating mixture of a first elastomer latex comprising a first elastomer and a particulate filler slurry along a conduit; and introducing a second elastomer latex comprising a second elastomer into the flow of the coagulating mixture

No. of Pages: 58 No. of Claims: 56

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: AN ELECTRICAL PROTECTION DEVICE

(51) International classification	:H02H3/16,H02H9/00	(71)Name of Applicant:
(31) Priority Document No	:2012903629	1)IEP2 RESEARCH PTY LIMITED
(32) Priority Date	:22/08/2012	Address of Applicant :C/ Cutcher & Neale 25 Bolton Street
(33) Name of priority country	:Australia	Newcastle New South Wales 2300 Australia
(86) International Application No	:PCT/AU2013/000940	(72)Name of Inventor:
Filing Date	:22/08/2013	1)RUBYTHON, Georffrey;
(87) International Publication No	:WO 2014/028979	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electrical protection device for a load having an external conductive surface; two input terminals connecting to active and neutral conductors; two output terminals connecting to the load the load drawing a load current; a first monitoring unit responsive to the load current flowing in the active conductor and the neutral conductor and generating a first fault signal; a second monitoring unit generating a second fault signal in response to either or both of: current flowing from the surface; and the voltage between the surface and the neutral conductor and/or the earth; a protection unit normally connecting the input to output terminals allowing load current to flow from source to load via the protection device, and responsive to either of the first fault signal and the second fault signal for operating in a protected state to electrically isolate the input terminals from the output terminals and preventing flow of the load current.

No. of Pages: 46 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application: 19/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: MASK

(51) International alongification	. A COD 19/02	(71) Nome of Applicant
(51) International classification	:A62B 18/02	(71)Name of Applicant :
(31) Priority Document No	:2009-228884	1)NBC MESHTEC, INC,
(32) Priority Date	:30/09/2009	Address of Applicant :50-3, TOYODA 2-CHOME, HINO-
(33) Name of priority country	:Japan	SHI, TOKYO 191-0053, JAPAN Japan
(86) International Application No	:PCT/JP2010/005894	(72)Name of Inventor:
Filing Date	:30/09/2010	1)FUJIMORI YOSHIE
(87) International Publication No	:WO 2011/040035	2)JIKIHARA YOUHEI
(61) Patent of Addition to Application	:NA	3)SATO YOUHEI
Number		4)SATO TETSUYA
Filing Date	:NA	5)FUKUI YOKO
(62) Divisional to Application Number	:NA	6)NAKAYAMA TSURUO
Filing Date	:NA	
(57) Abstract:		•

(21) Application No.2357/DELNP/2012 A

(57) Abstract:

Amask is provided that can inactivate viruses adhering thereto even in the presence of lipids and proteins regardless of whether or not the viruses have an envelope. The mask can inactivate viruses adhering thereto and includes a mask body provided with a member used when the mask is worn and virus inactivating fine particles having a virus inactivating ability and held by the mask body. The virus inactivating fine particles are particles of at least one selected from the group consisting of platinum(II) iodide, palladium(II) iodide, silver(I) iodide, copper(I) iodide, and copper(I) thiocyanate.

No. of Pages: 54 No. of Claims: 7

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SILK NANOSPHERES AND MICROSPHERES AND METHODS OF MAKING SAME

(51) International classification	:B82B 3/00	(71)Name of Applicant:
(31) Priority Document No	:61/246,676	1)TRUSTEES OF TUFTS COLLEGE
(32) Priority Date	:29/09/2009	Address of Applicant :BALLOU HALL, MEDFORD,
(33) Name of priority country	:U.S.A.	MASSACHUSETTS 02155, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/050698	(72)Name of Inventor:
Filing Date	:29/09/2010	1)WANG XIAOQIN
(87) International Publication No	:WO 2011/041395	2)KAPLAN DAVID L.
(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 present invention provides for methods of preparing silk nanoparticles and microparticles, methods of encapsulating an active agent into the silk nano- and microparticles and compositions comprising these silk particles. In particular, the silk spheres are prepared from phase separation of silk and polyvinyl alcohol (PVA), without exposure to an organic solvent. The method employs a chemical, PVA, which is an FDA-approved ingredient in drug formulations. Different parameters can be adjusted to control the size and shape of the silk spheres during the fabrication process. The silk particle compositions of the present invention may also encapsulate active agents or chemicals. Such compositions allow the active agents to be controllably and sustainably released to the target organs or tissues. The silk composition entrapping active agents also provides for a long-term storage medium for the active agents so entrapped. The silk nano- and microparticles of the present invention are thus suitable for a variety of biomedical and pharmaceutical applications, such as drug delivery or tissue engineering.

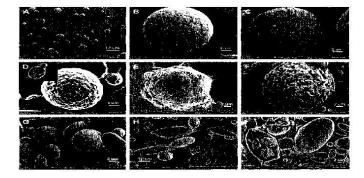


Figure 1

No. of Pages: 61 No. of Claims: 24

(21) Application No.2291/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : COMMUNICATION SYSTEM, RELAY DEVICE, MANAGEMENT SERVER, AND COMMUNICATION TERMINAL

(51) International classification :H04W 36/20 (71)Name of Applicant: (31) Priority Document No 1)SONY CORPORATION :2009-220480 (32) Priority Date Address of Applicant: 1-7-1 KONAN, MINATO-KU, :25/09/2009 (33) Name of priority country TOKYO, 108-0075, JAPAN Japan :Japan (86) International Application No :PCT/JP2010/063069 (72)Name of Inventor : Filing Date :03/08/2010 1)RYO SAWAI (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a communication system including a relay device that relays communication between a base station and a communication terminal, and a management server, the management server including a receiving unit that receives from each base station information about a communication terminal belonging to the base station and about the relay device, and a determination unit that determines, on the basis of the information received from each base station by the receiving unit, a relay device that is performing communication interfering with communication in an adjacent cell. When the relay device is determined as a relay device that is performing communication interfering with the communication in the adjacent cell, the relay device determines an interference avoidance control and executes the determined interference avoidance control. Representative Drawing Fig. 1

No. of Pages: 104 No. of Claims: 9

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMMUNICATION SYSTEM, RELAY NODE, USER EQUIPMENT AND BASE STATION

 (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 16/26 :2009-220481 :25/09/2009 :Japan :PCT/JP2010/004817 :29/07/2010 :WO 2011/036839 :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN Japan (72)Name of Inventor: 1)RYO SAWAI
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(57) Abstract:

A relay node in a mobile communication network for receiving a radio signal from a base station and forwarding the signal to a mobile station. The relay node including a control unit that manages first information corresponding to link between the relay node and the mobile station, and a transmitter that directly transmits the first information to another relay node in the mobile communication network. The relay node including a receiver that receives, from the another relay node, second information corresponding to a link between the another relay node and another mobile station. The control unit controlling resources used to communicate with the mobile station based on the first information corresponding to link between the relay node and the mobile station and the second information corresponding to the link between the another relay node and the another mobile station.

No. of Pages: 83 No. of Claims: 20

(22) Date of filing of Application :20/03/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention : PROMOTED RUTHENIUM CATALYST FOR THE IMPROVED HYDROGENATION OF CARBOXYLIC ACIDS TO THE CORRESPONDING ALCOHOLS

 (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 	:C07C29/149 :13/661088 :26/10/2012 :U.S.A. :PCT/US2013/064450 :11/10/2013 :WO 2014/066062 :NA :NA	(71)Name of Applicant: 1)EASTMAN CHEMICAL COMPANY Address of Applicant: 200 South Wilcox Drive, Kingsport, TN 37660 U.S.A. (72)Name of Inventor: 1)LIU, Zhufang; 2)TENNANT, Brent, Alan; 3)STAVINOHA, Jerome, Leonard; 4)MESSINA, Anthony, Dominick; 5)MCMILLAN, Noah, Glenn;
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to ruthenium -rhenium- tin and ruthenium- rhenium catalysts effective for the reduction of carboxylic acids to the corresponding alcohols and processes for the reduction of carboxylic acids to the corresponding alcohols using the ruthenium-rhenium -tin and ruthenium - rhenium catalysts.

No. of Pages: 38 No. of Claims: 13

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR CONTROLLING THE TRANSFER OF MATERIALS

 (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 	:G06F 19/00 :12/564,983 :23/09/2009 :U.S.A. :PCT/US2010/049070 :16/09/2010 :WO 2011/037810 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, U.S.A. U.S.A. (72)Name of Inventor: 1)FU, CHUNSHENG, C
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for controlling an amount of material transferred in a system having a plurality of material feeds and concurrent material transfer periods. The method comprising steps of: supplying each of a primary material having a target weight and a secondary material, to a receiving vessel; determining a decision threshold; feeding the primary material to the receiving vessel, feeding the secondary material into the receiving vessel as or after the primary material begins feeding and before the decision threshold, determining a feed status of the primary and secondary materials at the decision threshold; changing the feed status of one of the primary or secondary materials at the decision threshold; and feeding only the primary material within a feed alone time period until the target weight amount is fed.

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

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VACCINES DIRECTED TO LANGERHANS CELLS

(51) International classification	:A61K 29/395	(71)Name of Applicant:
(31) Priority Document No	:61/242,283	1)BAYLOR RESEARCH INSITUTE
(32) Priority Date	:14/09/2009	Address of Applicant :3310 LIVE OAK STREET, SUITE 501,
(33) Name of priority country	:U.S.A.	DALLAS, TX 75201, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/048800	(72)Name of Inventor:
Filing Date	:14/09/2010	1)BANCHEREAU, JACQUES F.
(87) International Publication No	:WO 20110/32161	2)ZURAWSKI, SANDRA
(61) Patent of Addition to Application	:NA	3)ZURAWSKI, GERARD
Number	:NA	4)KLECHEVSKY, EYNAV
Filing Date	.11/1	5)OH, SANGKON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention includes isolated anti-Langerin vaccines, methods for making and using an isolated anti-Langerin antibody or binding fragment thereof and one or more antigenic peptides at the carboxy- terminus of the isolated anti-Langerin antibody, wherein when two or more antigenic peptides are present, the peptides are separated by the one or more linker peptides that comprise at least one glycosylation site. The present invention also includes isolated vectors for the expression of the anti-Langerin antigen delivery vectors and their manufactures and use.

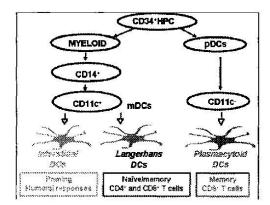


Figure 1

No. of Pages: 166 No. of Claims: 47

(22) Date of filing of Application :20/03/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF OXCARBAZEPINE AND ITS USE AS INTERMEDIATE IN THE PREPARATION OF ESLICARBAZEPINE ACETATE

(32) Priority Date:26/09/20(33) Name of priority country:India(86) International Application No:PCT/IB2Filing Date:26/09/20	1)RANBAXY LABORATORIES LIMITED Address of Applicant :Head Office: 12th Floor, Devika Tower, 06 Nehru Place, New Delhi Delhi 110019,India Delhi India (72)Name of Inventor:
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(57) Abstract:

The present invention provides a process for the preparation of oxcarbazepine of Formula (1) which is an Active Pharmaceutical Ingredient (API) and a useful intermediate in the preparation of eslicarbazepine acetate of Formula (A). The present invention further provides a process for the preparation of eslicarbazepine acetate.

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

(21) Application No.2297/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HEAD RESTRAINT AND VEHICLE SEAT

 (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 	:B60N 2/48 :10 2009 041 429.0 :16/09/2009 :Germany :PCT/EP2010/005619 :14/09/2010 :WO 2011/032678 :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant:INDUSTRIESTRASSE 20-30, 51399 BURSCHEID, GERMANY Germany (72)Name of Inventor: 1)THOMAS DILLINGER
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(57) Abstract:

The invention relates to a head restraint equipped with a fluid system, and to a vehicle seat provided therewith..

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

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : PROCESS AND MACHINE FOR MANUFACTURES \land A HOLLOW ARTICLE MADE OF THIN GLASS

:C03B9/32,C03B9/36,C03B9/46 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)POCHET DU COURVAL :12 58894 (32) Priority Date Address of Applicant: 121 Quai de Valmy, F-75010 Paris :21/09/2012 (33) Name of priority country France :France (86) International Application No: PCT/EP2013/069257 (72) Name of Inventor: Filing Date :17/09/2013 1)BRUNEAU, Antoine; (87) International Publication No: WO 2014/044669 2) CASTEX, Nicolas; (61) Patent of Addition to 3)CAVALLUCCI, Denis; :NA **Application Number** 4)LEGASTELOIS, Sylvie; :NA Filing Date 5)PERRIN, Olivier; (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Process for manufacturing a hollow article made of glass, comprising at least one thin sidewall (42), in which process: at least one parison of molten glass is introduced into a blank mould; a blank of the article is formed from said parison in the blank mould; the blank of the article is transferred to a finishing mould; and the article is formed in the finishing mould. During forming of the article, excess glass is directed towards the exterior of the sidewall of the article in order to form a convex curvature (43) and the curvature is removed in order to give the sidewall of the article a substantially constant thickness. Corresponding machine and product.

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COATED METALLIC MATERIAL AND MANUFACTURING METHOD FOR SAME

(31) Priority Document No:20(32) Priority Date:17(33) Name of priority country:Ja(86) International Application No:PCFiling Date:17	09-215989 /09/2009 pan CT/JP2010/066638 /09/2010 O 2011/034216 A A A A A A A A A A A A A A A A A A A	ne of Applicant: PON STEEL & SUMITOMO METAL PRATION ress of Applicant:6-1, MARUNOUCHI 2-CHOME, DA-KU, TOKYO 100-8071, JAPAN Japan ne of Inventor: MOAKI HOSOKAWA HEI UEDA YA INOUE KI OBARA
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(57) Abstract:

A coated metal material having at least two coating films comprising a first coating film containing rutile titanium oxide in a solid volume concentration of 35% or more and 70% or less, and a second coating film disposed on the surface side of the first coating film, on a portion or the entirety of the surface of a metal material, wherein the centerline average roughness Ra of the interface between the first coating film and the second coating film is $0.8~\mu m$ or more. There is provided a coated metal material having a total luminous reflectance which is higher than that of the conventional material and has an excellent formability, and a process for producing such a material.

No. of Pages: 97 No. of Claims: 15

(21) Application No.2298/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : INJECTABLE STERILE AQUEOUS FORMULATION BASED ON CROSSLINKED HYALURONIC ACID AND HYDROXYAPATITE FOR AESTHETIC USE

(51) International classification :A61K8/73,A61K8/02,A61Q19/08 (71)Name of Applicant : (31) Priority Document No :1259577 1)ANTEIS S.A. (32) Priority Date :08/10/2012 Address of Applicant: Chemin des Aulx 18, CH-1228 Planles- Ouates Switzerland (33) Name of priority country :France (72) Name of Inventor: (86) International Application :PCT/EP2013/069874 1)GAVARD MOLLIARD, Samuel; :24/09/2013 Filing Date (87) International Publication :WO 2014/056722 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The subject matter of the present invention is a resorbable, ready -to- use, injectable , sterile aqueous formulation used for aesthetic purposes , in the form of a particulate cohesive viscoelastic gel, comprising i) crosslinked hyaluronic acid, or a salt thereof, at a concentration of between 1% and 4% (weight/volume), the crosslinking performed making it possible to obtain a gel based on crosslinked hyaluronic acid having a cohesive structure , and ii) hydroxyapatite, at a concentration of between 5% and 60% (weight/volume) , said hydroxyapatite being in the form of particles having an average size of less than or equal to 200 μm , wherein said injectable sterile aqueous formulation has viscoelastic properties such that Tand at the frequency of 1 Hz is less than or equal to 0.60.

No. of Pages: 25 No. of Claims: 17

(22) Date of filing of Application :20/03/2012

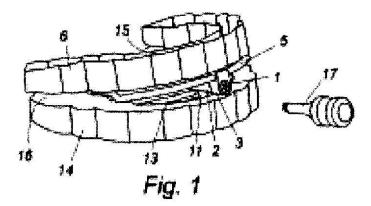
(43) Publication Date: 21/08/2015

(54) Title of the invention : REGULATABLE INTRAORAL MANDIBULAR ADVANCEMENT DEVICE, FOR PREVENTING SNORING AND SLEEP APNOEA

 (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 	:A61F 5/56 :P200902027 :22/10/2009 :Spain :PCT/ES2010/070371 :02/06/2010 :WO 2011020936 :NA :NA	(71)Name of Applicant: 1)LABORATORIO ORTOPLUS, SL Address of Applicant: C/PUERTA NUEVA, 4, 3° PLANTA 29008 MALAGA SPAIN. Spain (72)Name of Inventor: 1)GARCIA URBANO, JESUS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a regulatable intraoral mandibular advancement device that can be used to prevent snoring and sleep apnoea. Said device comprises two splints connectedbya central screw (1) inserted into a sheath (2) comprising an upper ring (3), said sheath being used as a guiding housing (4) for an upper bar (5) of an upper plate (6), and the lower part of the sheath comprising a longitudinal groove (8) enabling the course of an inner mobile threaded (10) ring (9) that is displaced by the screw (1), and on which a lower displacement ring (11) is arranged, open or closed, said ring being provided with a perpendicular hole (12) with elipsoidal conicity, in which the lower bar (13) fixed to the lower maxillary plate (14) is inserted. Said screw (1) is locked to the sheath (2) on its rear part.



No. of Pages: 14 No. of Claims: 13

(21) Application No.2233/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF TREATMENT OR PROPHYLAXIS OF INFECTIONS OF THE EYE

(51) International classification :A61K31/198,A61K31/255,A61P27/02

(31) Priority Document No :61/700714 (32) Priority Date :13/09/2012 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2013/059810

Application No Filing Date :13/09/2013

(87) International Publication No :WO 2014/043576

(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)STARPHARMA PTY LIMITED

Address of Applicant: 75 Commercial Road, Melbourne,

Victoria 3004 Australia (72)**Name of Inventor:**

1)FAIRLEY, Jacinth, Kincaid; 2)BARRETT, Colin, Paul;

3)PAULL, Jeremy, Robert Arthur;

(57) Abstract:

A microbial infection in an eye of a subject is treated or prevented by topically administering to the eye an effective amount of a macromolecule or a pharmaceutically acceptable salt thereof that includes a dendrimer of 1 to 8 generations with one or more sulfonic acid - or sulfonate -containing moieties attached to one or more surface groups of the outermost generation of the dendrimer. Compositions containing the macromolecule or salt are useful in these methods.

No. of Pages: 60 No. of Claims: 49

(21) Application No.2302/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

:22/05/2007

(54) Title of the invention : SYSTEM AND METHOD FOR PERFORMING RATE CONTROL FOR A COMMUNICATION SYSTEM

(51) International classification :H04L 1/00 (71)Name of Applicant: (31) Priority Document No 1)QUALCOMM INCORPORATED :60/628,568 Address of Applicant: 5775 MOREHOUSE DRIVE, SAN (32) Priority Date :16/11/2004 DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2005/041691 AMERICA U.S.A. Filing Date (72)Name of Inventor: :16/11/2005 (87) International Publication No :WO 2006/055718 1) JAY RODNEY WALTON (61) Patent of Addition to Application 2)MARK S. WALLACE :NA Number :NA Filing Date (62) Divisional to Application Number :3813/DELNP/2007

(57) Abstract:

Filed on

An apparatus comprising at least one processor configured to obtain at least one SNR estimate for a data stream, to determine a diversity order for the data stream, and to select a rate for the data stream based on the at least one SNR estimate and the diversity order for the data stream; and a memory coupled to the at least one processor.

No. of Pages: 37 No. of Claims: 44

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : AIR FILTRATION MEDIUM WITH IMPROVED DUST LOADING CAPACITY AND IMPROVED RESISTANCE TO HIGH HUMIDITY 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 Filing Date 	:B01D 39/16 :61/242,879 :16/09/2009 :U.S.A. :PCT/US2010/048362 :10/09/2010 :WO 2011/034782 :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. U.S.A. (72)Name of Inventor: 1)JONES, DAVID, CHARLES 2)LIM, HYUN, SUNG 3)CHI, CHENG-HANG 4)ZHANG, LU
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(57) Abstract:

A method for filtering particles from water mist iaden air involves passing the air through a medium that has a nanoweb layer in fluid contact with a hydrophobic nonwoven web. The hydrophobic web can be made of an intrinsically hydrophobic material, or can be coated with a hydrophobic coating, The medium does not undergo the large pressure drops normally associated with filtration of water mists and retains its efficiency well.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : CLONING AND EXPRESSION OF ARNOX PROTEIN TRANSMEMBRANE 9 SUPERFAMILY (TM9SF), METHODS AND 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 	:C07H 21/00 :61/234,368 :17/08/2009 :U.S.A. :PCT/US2010/045745 :17/08/2010 :WO 2011/022387	(71)Name of Applicant: 1)NOX TECHNOLOGIES, INC. Address of Applicant: 5 REYNARD ROAD, MALVERN, PA 19355, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MORRE, JAMES D. 2)TANG, XIAOYU
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(87) International Publication No	:WO 2011/022387	2)TANG, XIAOYU
(61) Patent of Addition to Application	:NA	3)DICK, SARA
Number		4)MEADOWS, CHRISTIAAN
Filing Date	:NA	5)MORRE, DOROTHY M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described are cell surface and circulating markers for aging related disorders (specific isoforms of NADH oxidase (arNOX)). Recombinant age-related NADH oxidase isoforms and their coding sequences and methods for detecting arNOX isoform presence and quantitation in tissues and in blood, sera, urine, saliva, perspiration and in other body fluids, are provided. Recombinant arNOX proteins are useful in preparing antigens for use in the generation of monoclonal and polyclonal antibodies as well as immunogenic compositions for diagnosis and treatment of aging disorders. DNA probes based on the DNA sequence information provide may be used to identify individuals at risk for aging disorders and for development of preventative or therapeutic interventions or anti-aging cosmetic or other formulations of benefit in slowing the aging process in mammals.

No. of Pages: 98 No. of Claims: 13

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INDIVIDUAL BURNER MONITOR AND CONTROL IN A FURNACE

(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 (21/08/2009 SU.S.A. (21/08/2009 SU.S.A. (21/07/2010 SUC 2011/042706 SUC 2011/022157 SUNA SUC 2011/022157 SUNA SUC 2011/022157 SUNA SUNA SUC 2011/022157 SUNA SUNA SUC 2011/022157 SUNA SUNA SUNA SUNA SUC 2011/022157 SUNA SUNA SUNA SUNA SUNA SU	:BROWN BOVERI STRASSE 7, 5400 ID. Switzerland
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(57) Abstract:

A monitoring and control apparatus (220) adapted to monitor the combustion of each individual burner (224) in a furnace (1). It includes at least one laser (221) for providing a beam (223) through a flame of a burner (224) in a furnace (1), and at least one detector (222) for detecting the beams (223) after they pass through/near the flame. The monitored signal is passed to an electronics unit (215) that calculates optimum conditions for this burner (224). The electronics unit (215) then causes control unit (214) to adjust the fuel, primary air and secondary air feeds each individual burner (224) to result in a more efficient system that reduces the amount of emissions released.

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

(21) Application No.2307/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : IMPROVED TITANIUM DIOXIDE COATINGS AND METHODS OF FORMING IMPROVED TITATNIUM DIOXIDE 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 	:12/569,177 :29/09/2009 :U.S.A. :PCT/US2010/050118 :24/09/2010 :WO 2011/041218 :NA :NA	(71)Name of Applicant: 1)GUARDIAN INDUSTRIES CORP. Address of Applicant: 2300 HARMON ROAD, AUBURN HILLS, MICHIGAN 48326, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SHARMA, PRAMOD, K.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods for forming titanium dioxide coatings are disclosed. Sol-gel compositions may be coated on a substrate having a roughened surface, and subsequently the coated substrate may be heated at a temperature sufficient to form an anatase titanium dioxide coating. Substrates having roughened surfaces and comprising such coatings are also disclosed.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : PALLADIUM CATALYST SYSTEM COMPRISING ZWITTERION AND/OR ACID-FUNCTIONALIZED IONIC LIQUID

(57) Abstract:

The present invention concerns a catalyst system in particular a catalyst system comprising Palladium (Pd), a zwitterion and/or an acid-functionalized ionic liquid, and one or more phosphine ligands, wherein the Pd catalyst can be provided by a complex precursor, such as Pd(CH3COO)2, PdCI2, Pd(CH3COCHCOCH3), Pd (CF3COO)2, Pd(PPh3)4 or Pd2(dibenzylideneacetone)3. Such catalyst systems can be used for e.g. alkoxycarbonylation reactions, carboxylation reactions, and/or in a co-polymerization reaction, e.g. in the production of methyl propionate and/or propanoic acid, optionally in processes forming methyl methacrylate and/or methacrylic acid. Catalyst systems according to the invention are suitable for reactions forming separable product and catalyst phases and supported ionic liquid phase SILP applications.

No. of Pages: 48 No. of Claims: 20

(21) Application No.2309/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: CUTTING INSERT

 (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 	:05/10/2010 :WO 2011/046045 :NA :NA	(71)Name of Applicant: 1)TUNGALOY CORPORATION Address of Applicant:11-1, YOSHIMA-KOGYODANCHI, IWAKI-SHI, FUKUSHIMA 9701144, JAPAN Japan (72)Name of Inventor: 1)SHIZUE KONTA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cutting insert is provided which enables a reduction in cutting resistance and stable process. The insert includes a chip breaker groove formed inside corner cutting edges and a raised portion. The raised portion includes a top surface, a front raised surface, and side raised surfaces. The top surface crosses the front raised surface and each of the side raised surfaces. A first intersecting portion at which the front raised surface and the top surface intersects with each other is linearly extended. A second intersecting portion at which each of the side raised surfaces and the top surface intersect with each other is extended from a corresponding one of opposite sides of the first intersecting portion so that a distance from the corresponding side cutting edge increases gradually with a distance from the corner cutting edge. The front raised surface and the side raised surfaces are curved convexly outward. Fig. 1

No. of Pages: 33 No. of Claims: 6

(22) Date of filing of Application :20/03/2012

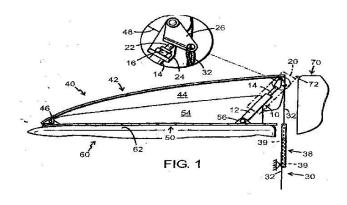
(43) Publication Date: 21/08/2015

(54) Title of the invention : DEVICE FOR HEIGHT SETTING OF AN AIR DEFLECTOR, AND AIR DEFLECTOR PROVIDED WITH SUCH 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 	:B62D 35/00 :0950902-7 :26/11/2009 :Sweden :PCT/SE2010/051258 :16/11/2010 :WO 2011/065894 :NA	(71)Name of Applicant: 1)SCANIA CV AB Address of Applicant:S-151 87 SODERTALJE, SWEDEN. Sweden (72)Name of Inventor: 1)MITTIAS PERNA 2)SIMO RYHANEN
1 (01110 01	:NA :NA :NA	

(57) Abstract:

The invention relates to a device for height setting of an air deflector (40) comprising a shield (42) adapted to being pivotable about a forward horizontal spindle (46) associated with a vehicle roof (62). According to the invention there are a spring (10) which endeavours to pivot the shield (42) about the spindle (46) in an upward direction from the roof (62), an elongate pull means (30) connected to the shield (42) for manual height setting of the shield against the action of the spring (10), and a locking mechanism (20), acting between the pull means (30) and the shield (42) and operable by pulling force applied to the pull means (30), to lock the shield (42) in a relevant height position upon removal force from the pull means (30), and to release the shield, enabling it to move to a different height position, upon application of pulling force to the pull means (30). (FIG. 1)



No. of Pages: 14 No. of Claims: 9

(21) Application No.2244/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESSES FOR PREPARING TOOTHPASTE 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 	:A61K8/34,A61Q11/00 :NA :NA :NA :PCT/CN2012/083250 :19/10/2012 :WO 2014/059679 :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)PLATA, Rolando; 2)LU, Xiaojing; 3)ZENG, Yuyan; 4)TAN,Chengkang;
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(57) Abstract:

Disclosed herein are methods of manufacturing toothpaste compositions comprising calcium carbonate.

No. of Pages: 24 No. of Claims: 33

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: PROCESS FOR PREPARING EPICHLOROHYDRIN FROM DICHLOROHYDRIN

:C07D301/24,C07D301/26 (71)Name of Applicant : (51) International classification (31) Priority Document No :12190182.1

(32) Priority Date :26/10/2012 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/072110

Filing Date :23/10/2013 (87) International Publication No :WO 2014/064127

(61) Patent of Addition to Application :NA

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

1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.

Address of Applicant: Stationsstraat 77, NL-3811 MH

Amersfoort Netherlands (72)Name of Inventor:

1)DIRLX, Carolina, Anna, Maria, Christina;

2)KOOLAARD, Andre, Michiel;

3) Antoon, Jacob, Berend;

4) RENKEMA, Eilertdina, Henderika;

(57) Abstract:

The present invention pertains to a process for preparing a product rich in epichlorohydrin, comprising the steps of: a) reacting a mixture of dichlorohydrin and a base at a temperature in the range of 0-40°C during a period of time in the range from 1 second to 180 minutes wherein the base is present in a less than stoichiometric amount, to obtain a reaction mixture comprising epichlorohydrin and brine; b) subjecting at least part of the reaction mixture to a separation step to form a product fraction which is rich in epichlorohydrin and a brine fraction which is lean in epichlorohydrin; c) subjecting at least part of the brine fraction to a purification step to yield a purified brine. It has been found that the process according to the invention allows the manufacture of epichlorohydrin from dichlorohydrin on an industrial scale at high yield, while at the same time providing a brine with a low total organic carbon content without extensive separation being necessary.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMMUTATOR FOR POWER TRANSMISSION IN AN ELECTRIC 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 	:H01R 39/02 :10 2009 029 687.5 :23/09/2009 :Germany :PCT/EP2010/063840 :21/09/2010 :WO 2011/036132 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant:POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)GOEHLER, JAN 2)BAYER, MICHAEL 3)WINKELMANN, ANTJE
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(57) Abstract:

Described herein is a commutator (1) for power transmission in an electric machine. The commutator (1) includes an armature-side collector (2) and at least one brush (3) contacting the collector (2). Further, at least one current carrying component (2, 3) of the commutator (1) is configured as a porous ceramic body having infiltrated metal (P-MMC).

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

(21) Application No.2318/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SUBSTRATE COMPRISING A COLORED INTERFERENCE FILTER LAYER AND METHOD FOR PRODUCING THE 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 	:H01L 31/0216 :09012122.9 :23/09/2009 :EPO :PCT/EP2010/064052 :23/09/2010 :WO 2011/036209 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)HERGERT, FRANK 2)THYEN, JAN RUDOLF 3)PROBST, VOLKER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for producing a substrate having a colored interference filter layer, comprising a polycrystalline metal oxide or polycrystalline metal oxides, deposited by gas phase deposition using a coating system, the method comprising depositing, at least two coating layers from a gas phase, each on top of the other, forming polycrystalline metal oxides having an average thickness of each coating layer in a range of about 50nm to 250nm, particularly in a range of about 90nm to 210nm, wherein averaged percentual atomic components of at least one metal present in at least two coating layers deviates from an averaged percentual composition of each metal by not more than $\pm 1/20\%$ atoms.

No. of Pages: 34 No. of Claims: 30

(21) Application No.2387/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COATED GLASS SHEET

(51) International classification	:C03C 8/14	(71)Name of Applicant:
(31) Priority Document No	:09174626.3	1)AGC GLASS EUROPE
(32) Priority Date	:30/10/2009	Address of Applicant :CHAUSSEE DE LA HULPE, 166, B-
(33) Name of priority country	:EUROPEAN	1170 BRUXELLES (WATERMAEL-BOITSFROT), BELGIUM.
(33) Name of priority country	UNION	Belgium
(86) International Application No	:PCT/EP2010/066490	(72)Name of Inventor:
Filing Date	:29/10/2010	1)RONNY PIETERS
(87) International Publication No	:WO 2011/051459	2)DAVID PIERRE
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Glass sheets according to the invention, in particular lacquered glass sheets, are covered with a coating of enamel. This coating comprises between 11 and 40 % of organic material. Such glass sheets may be heat treated and, before heat treat—ment, may be handled and transported without damaging the coating, may be cut and ground without causing the coating to peel off or to be damaged at the borders of the cutting line, and offer a good resistance under running water, avoiding the peeling off or destruction of the coating during edges grinding or storage or transportation.

No. of Pages: 20 No. of Claims: 13

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR PRODUCING POLY-AMINOFUNCTINALIZED POLYMERIZATION INITIATORS AND CORRESPONDING POLYMERS

 (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 	:B60C 1/00 :61/241,082 :10/09/2009 :U.S.A. :PCT/US2010/048390 :10/09/2010 :WO 2011/031943	(71)Name of Applicant: 1)BRIDGESTONE CORPORATION Address of Applicant:10-1, KYOBASHI 1-CHOME, CHUO-KU, TOKYO 1048340, JAPAN. Japan (72)Name of Inventor: 1)EIJU SUZUKI 2)TERRENCE, E. HOGAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Compositions and methods for producing polymerization initiators comprising at least two protected primary amine groups. Polymers prepared using such polymerization initiators can comprise a residue of the polymerization initiator and can initially comprise the at least two protected primary amine groups. Such polymers can undergo a deprotection process thereby yielding a polymer having one or more unprotected primary amine groups. Polymers having primary amine groups can be employed in rubber compositions, which have a variety of potential applications, such as, for example, in tire manufacturing.

No. of Pages: 50 No. of Claims: 45

(21) Application No.2238/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: OLGIONUCLEOTIDE AND ARTIFICIAL NUCLEOSIDE HAVING GUANIDINE BRIDGE

(51) International classification :C07H19/06,C07H19/16,C07H21/02

(31) Priority Document No :2012208906 (32) Priority Date :21/09/2012

(33) Name of priority country: Japan

(86) International :PCT/JP2013/075370
Application No :10/09/2013

Filing Date :19/09/2013

(87) International Publication :WO 2014/046212

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)OSAKA UNIVERSITY

Address of Applicant :1 -1, Yamadaoka, Suita- shi Osaka

5650871 Japan

(72)Name of Inventor: 1)OSAKA, UNIVERSITY 2)KOTOBUKI,Yutaro

3)WAKI, Reiko

(57) Abstract:

This oligonucleotide or pharmaceutically acceptable salt thereof contains a compound represented by formula I or II or a salt thereof, and at least one nucleoside structure represented by formula I or II. Thus provided is a nucleic acid molecule for oligonucleotides having high specificity and binding affinity to a target nucleic acid, and exhibiting high nuclease resistance.

No. of Pages: 86 No. of Claims: 6

(21) Application No.2310/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A METHOD OF DETERMINING SURFACE LEVEL, AND A SOIL MOISTURE 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 Filing Date (62) Divisional to Application Number Filing Date 	:G01F 23/00 :2009904225 :03/09/2009 :Australia :PCT/AU2010/001125 :01/09/2010 :WO 2011/026177 :NA :NA	(71)Name of Applicant: 1)RUBICON RESEARCH PTY LTD Address of Applicant: 1 CATO STREET, HAWTHORN, VICTORIA 3122, AUSTRALIA Australia (72)Name of Inventor: 1)AUGHTON, DAVID JOHN 2)PEARSON, DAMIEN VERNON
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(57) Abstract:

A method of determining the surface level of an area subject to flood, furrow or surface irrigation. The method includes the steps of providing at least one measuring cup positioned below the surface level but within the area and providing a water level sensor within or integrated with the at least one measuring cup. The levels provided by the water level sensor are used to calculate the surface level by determining the inflection point between the rapid increase of the monitored levels when the front of irrigation water passes the water level sensor. A further aspect of the disclosure is the provision of a soil moisture sensor, said sensor comprising an auger adapted to be inserted into the ground with minimum soil disturbance, said auger having means for measuring soil moisture. Figure. 4

No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ENGINE BRAKING PRIMARY CLUTCH FOR CVT 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 	:F16H 55/56 :61/252,010 :15/10/2009 :U.S.A. :PCT/US2010/050503 :28/09/2010 :WO 2011/046740 :NA :NA :NA	(71)Name of Applicant: 1)TEAM INDUSTRIES, INC. Address of Applicant:105 PARK AVENUE NORTHWEST, BAGLEY, MN 56621, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)VUKSA, ZORAN 2)NELSON, BRUCE 3)OKESON, SHANE
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(57) Abstract:

A continuously variable transmission (CVT) system including a primary clutch assembly with an engine braking assembly is provided. The primary clutch assembly includes first and second sheave assemblies, a cylindrical sleeve coupler and an engine braking assembly. The first sheave portion has a centrally extending post. The cylindrical sleeve coupler is rotationally mounted on a portion of the post. The sleeve coupler has an engaging surface that is configured to engage an inner face of a drive belt. The second sheave portion has a central passage that is rotationally mounted on the sleeve coupler. The engine braking assembly is operatively coupled to the second sheave portion and the sleeve coupler to axially move the second sheave portion toward the first sheave portion to engage first and second side faces of the drive belt when the sleeve coupler attempts to overrun the post of the first sheave portion in a rotational direction provided by a rotational output of an engine operatively coupled to the primary clutch.

No. of Pages: 53 No. of Claims: 25

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : USER ONLINE BANDWIDTH ADJUSTMENT METHOD AND REMOTE AUTHENTICATION DIAL-IN USER SERVER

 (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 29/06 :200910091721.7 :24/08/2009 :China :PCT/CN2010/075534 :28/07/2010 :WO 2011/023050 :NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN, GUANGDONG PROVINCE 518057, P.R. CHINA. China (72)Name of Inventor: 1)PEIDONG WU 2)DAQIAN PAN 3)BAI DING
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(57) Abstract:

Provided are a method for a user to adjust bandwidth online and a remote authentication dial-in user server, which belong to the technical field of bandwidth access. The method comprises: a RADIUS server first receiving a request message of changing a current bandwidth sent by a supplicant; then the RADIUS server acquiring the bandwidth volume applied by the supplicant according to the request message of changing the current bandwidth and sending the bandwidth volume applied by the supplicant to an NAS device; and finally the RADIUS server sending a message that the bandwidth is changed successfully to the supplicant after the NAS device completes the bandwidth configuration according to the bandwidth volume, which enables the user to adjust the bandwidth volume actively according to his own requirements and improves the comfortableness of the user in different network applications.

No. of Pages: 29 No. of Claims: 11

(21) Application No.2176/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VORTEX PREMIXER FOR COMBUSTION 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 	:F23R 3/30 :61/241,940 :13/09/2009 :U.S.A. :PCT/US2009/066117 :30/11/2009 :WO 2011/031279 :NA :NA	(71)Name of Applicant: 1)LEAN FLAME, INC. Address of Applicant: 1823 JEFFERSON PLACE, NW, WASHINGTON, DC 20036 USA U.S.A. (72)Name of Inventor: 1)KENDRICK DONALD W.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one embodiment, a premixer is provided for use, e.g., with trapped vortex (TVC) combustors, that injects premixed fuel and air directly into the recirculating vortex, in a manner compatible with natural vortex flow in the cavity.

No. of Pages: 36 No. of Claims: 13

(21) Application No.2246/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : OPTICAL COMMUNICATION SYSTEM METHOD OF BI DIRECTIONAL COMMUNICATION AND METHOD OF OPERATING A NETWORK ELEMENT

:H04B10/25,H04J14/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :NA 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant :S- 164 83 Stockholm Sweden :NA (33) Name of priority country (72)Name of Inventor: :NA (86) International Application No :PCT/EP2012/069954 1) CAVALIERE, Fabio; Filing Date :09/10/2012 2)POTI, Luca; (87) International Publication No :WO 2014/056526 3) MELONI, Gianluca; (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An optical communication system (10) comprising an optical link (12) comprising an optical fibre (14), a first network element (16) coupled to a first end of the optical link and a second network element (18) coupled to a second end of the optical link. The first network element is configured to generate a first optical signal for transmission to the second network element, the first optical signal having a first propagation mode corresponding to a first guided mode of the optical fibre. The second network element is configured to generate a second optical signal for transmission to the first network element, the second optical signal having a second propagation mode, different to the first propagation mode, corresponding to a second guided mode of the optical fibre.

No. of Pages: 35 No. of Claims: 18

(21) Application No.2247/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR PREEMPTIVELY DETERMINING A LOAD WEIGHT FOR MINING EXCAVATION EQUIPMENT

(57) Abstract:

Provided is a method and a system for preemptively determining a load weight for mining excavation equipment.

Specifically, provided is a method in which an excavation surface is scanned to generate an excavation surface profile, an excavation plan is selected for the excavation surface profile, the excavation plan for the excavation surface profile is executed on the excavation surface utilizing a pre- emptive load weighing algorithm based on a plurality of drive signals of the mining excavation equipment, and a volume of a material to be excavated by the mining excavation equipment is determined based at least on the plurality of drive signals, the plurality of derivatives of drive signals and the excavation surface profile

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

(22) Date of filing of Application :20/03/2012

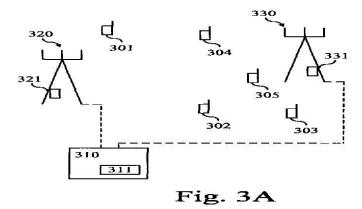
(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD FOR CONTACTING A GROUP OF TERMINALS WITHIN A COMMUNICATION NETWORK, ARRANGEMENT AND TERMINAL WITHIN 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 (62) Divisional to Application Number Filing Date 	:H04W 4/06 :61/256,406 :30/10/2009 :U.S.A. :PCT/SE2010/050955 :09/09/2010 :WO 2011/053219 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)BERGQVIST, JENS 2)SCHLIWA-BERTLING, PAUL 3)BERGSTROM, ANDREAS
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(57) Abstract:

The present invention relates to the field of paging terminals within a communication network. In order to contact a group of terminals, a common group identification is allocated to each of the terminals within said group. Thereafter, a paging message is created comprising said common group identification. The paging message is then transmitted to all terminals within said group by a single paging operation.



No. of Pages: 29 No. of Claims: 17

(22) Date of filing of Application :20/03/2012

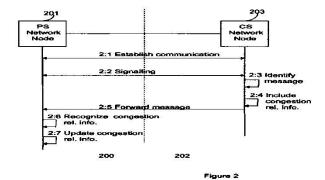
(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND ARRANGEMENTS FOR CONGESTION CONTROL FOR INTERWORKING COMMUNICATION NETWORKING

(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date NA Filing Date	Number Filing Date (62) Divisional to Application Number	:61/251,166 :13/10/2009 :U.S.A. :PCT/SE2010/050147 :08/02/2010 :WO 2011/046485 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)DE FRANCA LIMA, OCTAVIO JOSE 2)MILDH, GUNNAR
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(57) Abstract:

A method for allowing distribution of congestion related information between a cellular communication system supporting circuit switched services and a cellular communication system supporting packet switched services. A message destined for the packet switched communication system is identified at the circuit switched communication system, and congestion related information, indicating the present congestion status of the circuit switched communication network is included into the message. The message is then forwarded to a network node of the packet switched communication system, where either a user equipment and/or the network node of the first cellular communication system can control Circuit Switched Fallback (CSFB) attempts towards the second communication system on the basis of the congestion related information prior to having to initiate any access signaling associated with the CSFB attempts.



No. of Pages: 32 No. of Claims: 22

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VAGINAL REMODELING DEVICE AND METHODS

		(71)Name of Applicant:
(51) International classification	:A61N 5/00	1)VIVEVE, INC.
(31) Priority Document No	:61/243,686	Address of Applicant :150 COMMERCIAL STREET,
(32) Priority Date	:18/09/2009	SUNNYVALE, CA 94086-5201 (US) U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/049045	1)PARMER, JONATHAN, B.
Filing Date	:16/09/2010	2)SMITH, IAN, F.
(87) International Publication No	:WO 2011/034986	3)CHENG, CHUN-CHIH
(61) Patent of Addition to Application	:NA	4)HOWE, PATRICK, KARL
Number	:NA :NA	5)SULLIVAN, SEAN, YASUO
Filing Date	:NA	6)JACKSON, JEROME
(62) Divisional to Application Number	:NA	7)LEVY, STANLEY, JR.
Filing Date	:NA	8)LUCAS, SHERREE, LEIGH
		9)LOPEZ, STEVEN, MARC

(57) Abstract:

This invention relates generally to apparatus and methods for tightening tissue of the female genitalia by heating targeted connective tissue with radiant energy, while cooling the mucosal epithelial surface over the target tissue to protect it from the heat. Embodiments include a handle and treatment tip that has both an energy delivery element and a cooling mechanism. The handle may be a two-handed handle allowing control even while rotating and maneuvering the treatment around the genital opening. The apparatus or system may also include an integrated controller, which may confirm tissue contact without applying RF energy, based only on the temperature of the applicator and the time since the last application of energy from the applicator. Fig. 1

No. of Pages: 70 No. of Claims: 48

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS, SYSTEMS AND PRODUCTS INVOLVING SHEET 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 	:26/10/2010 :WO 2011/056540 :NA	(71)Name of Applicant: 1)GEORGIA -PACIFIC CONSUMER PRODUCTS LP Address of Applicant:133 PEACHTREE STREET, N.E. ATLANTA, GEORGIA 30303 USA U.S.A. (72)Name of Inventor: 1)HAQUE, EHTESHAMUL 2)HSU, CHIEHLUNG JAY 3)KNUDSEN, DAVID L.B. 4)KOKKO, BRUCE J.
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for forming a tubular sheet product roll includes providing a sheet product roll having a first configuration and a void, centering a rotational axis of the sheet product roll on a longitudinal axis of a first tool, and inserting the first tool into the void of the sheet product roll to define an inner diameter of the void and to form the sheet product roll having a second configuration different from the first configuration.

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

(21) Application No.2323/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CYLINDER PRESSURE ADJUSTER OF A MOTOR

(51) International classification (31) Priority Document No	:F02D 15/02 :20090300	(71)Name of Applicant: 1)POHJALAINEN, AULIS
(32) Priority Date	:17/08/2009	Address of Applicant :TAVISALIONTIE 324 B, FI-58200
(33) Name of priority country	:Finland	KERIMAKI, FINLAND Finland
(86) International Application No	:PCT/FI2010/000043	(72)Name of Inventor:
Filing Date	:23/06/2010	1)POHJALAINEN, AULIS
(87) International Publication No	:WO 2011/020943	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure describes a crank device and an adjusting device of a combustion engine. The system adjusts the cylinder pressure of the motor in accordance with the required power. Adjustment of the cylinder pressure takes place by changing the compression ration by means of the adjusting device (19). The adjusting device (19) changes an eccentric wheel (3) through an adjusting wheel (4) to a such position that a connecting rod (2) lifts a piston (1) to a desired distance from the combustion chamber head. The adjusting device measures the volume of the air entering the cylinder and adjust the compression ration to be appropriate. The adjusting device also takes into account the speed of rotation so that the compression pressure increases or decreases to be appropriate.

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

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

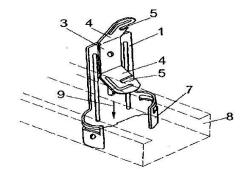
(54) Title of the invention: ASSEMBLED CONPONENT AND METHOD FOR PRODUCING AN ASSEMBLED COMPONENT

 (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 	:E04B 9/18 :10 2009 047 831.0 :30/09/2009 :Germany :PCT/EP2010/005833 :23/09/2010 :WO 2011/038859 :NA :NA	(71)Name of Applicant: 1)PROTEKTORWERK FLORENZ MAISCH GMBH & CO. KG Address of Applicant: VIKTORIASTRASSE 58, 76571 GAGGENAU GERMANY. Germany (72)Name of Inventor: 1)STUDNIORZ, THILO
(61) Patent of Addition to Application	:NA	1)STODNIORZ, THILO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an assembled component comprising a first and a second component. The first component comprises a first flat two-dimensional connecting region, and the second component comprises a second flat two-dimensional connecting region connected to the first connecting region. The connecting regions each comprise at least two connecting sections, which are in each case formed as material sections bent out of the plane of the respective connecting region. The connecting regions each have a substantially arcuate edge. One end of the arcuate edge is arranged at a distance in a direction perpendicular to the plane of the respective connecting region. The end of the arcuate edge is adjoined by a further edge of the connecting region which runs obliquely or transversely with respect to the arcuate edge. The connecting sections each comprise a guide surface running obliquely with respect to the plane of the respective connecting region. In each case two connecting sections engage with one another, wherein in each case a guide surface of a connecting section of the first connecting region rests, at least in some areas, on a guide surface of a connecting section of the second connecting region.

Fig.1



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

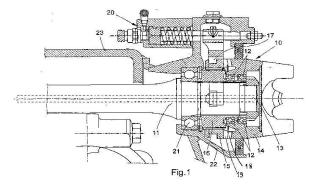
(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: UNCOUPLING OF DRIVE

(51) International classification	:F16D 11/10	(71)Name of Applicant:
(31) Priority Document No	:0950673-4	1)SCANIA CV AB
(32) Priority Date	:16/09/2009	Address of Applicant :S-151 87 SODERTALJE, SWEDEN
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2010/050977	(72)Name of Inventor:
Filing Date	:14/09/2010	1)VIDAR STROMBOM
(87) International Publication No	:WO 2011/034489	
(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 device (10) for uncoupling a vehicle's wheel shaft drive, which device is intended to be placed close to a drive shaft (11) in order to uncouple/couple a driven unit to which the drive shaft (11) is coupled. The device (10) comprises: - at least one bearing (12) fitted round the end (13) of the drive shaft (11); - a carrier (14) which is coupled to the unit or to the drive shaft, has an inner cavity large enough to surround the drive shaft's end (13) and the bearing (12) and is fastened in the bearing (12) so as to be freely rotatable relative to the drive shaft (11); - a coupling ring (15) coupled rotationally to the drive shaft (11) and movable axially relative to the drive shaft (11); - a coupling fork (17) which at least partly surrounds the coupling ring (15) and is movable axially relative to the drive shaft (11); and - an activating device (20) which acts upon the coupling fork (17) to move the latter in axial directions along the drive shaft (11); whereby coupling the drive shaft (11) to the unit involves the coupling fork (17) and the coupling ring (15) being moved axially towards the carrier (14) by the activating device (20) so that the drive shaft (11) becomes rotationally coupled with the carrier (14) and the unit via the coupling ring (15). (Fig. 1)



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

(21) Application No.2258/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: SLURRY HYDROCRACKING PROCESS

(51) International :C10G47/02,C10G47/24,B01J23/78

classification .C10G47/02,C10G47/24,

(31) Priority Document No :13/652439 (32) Priority Date :15/10/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/059428

Filing Date :12/09/2013

(87) International Publication :WO 2014/062314

No .v

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

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)UOP LLC

Address of Applicant :25 East Algonquin Road, P. O. Box

5017. Des Plaines Illinois 60017 -5017 U.S.A.

(72)Name of Inventor:

1)BAUER, Lorenz J.; 2)BRICKER, Maureen L.;

3)MEZZA, Beckay J.;

4)BHATTTACHARYYA, Alakananda;

(57) Abstract:

One exemplary embodiment can be a slurry hydrocracking process. The process can include providing one or more hydrocarbon compounds having an initial boiling point temperature of at least 340°C , and a slurry catalyst to a slurry hydrocracking zone. The slurry catalyst may have 32 to 50% by weight iron; 3 to 14%, by weight, aluminum; no more than 10%, by weight, sodium; and 2 to 10%, by weight, calcium. Typically, all catalytic component percentages are as metal and based on the weight of the dried slurry catalyst.

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

(22) Date of filing of Application: 19/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD AND APPARATUS FOR SELECTING BETWEEN MULTIPLE EQUAL COST PATHS

 (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 12/56 :61/240,420 :08/09/2009 :U.S.A. :PCT/CA2010/001388 :08/09/2010 :WO 2011/029179 :NA :NA	(71)Name of Applicant: 1)ROCKSTAR BIDCO, LP Address of Applicant: 1285 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10019-6064,U.S.A. Canada (72)Name of Inventor: 1)DAVID ALLAN 2)NIGEL BRAGG 3)JEROME CHIABAUT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Each equal cost path is assigned a path ID created by concatenating an ordered set of link IDs which form the path through the network. The link IDs are creat—ed from the node IDs on either set of the link. The link IDs are sorted from lowest to highest when creating the path ID to facilitate ranking of the paths. The low and high ranked paths are selected from this ranked list as the first set of diverse paths through the network. Each of the link IDs on each of the paths is then renamed, for example by inverting either all of the high node IDs or low node IDs. After re-naming the links, new path IDs are created by concatenating an ordered set of renamed link IDs. The paths are then re-ranked and the low and high re-ranked paths are selected from this re- ranked list as the second set of diverse paths through the network. Selective nam—ing of node IDs and use of different inversion functions can be exploited to further optimize distribution of traffic on the network.

No. of Pages: 35 No. of Claims: 23

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : SANDWICH MATERIAL WITH HIGH STRENGTH AT HIGH TEMPERATURE FOR THIN STRIPS IN HEAT EXCHANGERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C22C 21/00 :0950756-7 :13/10/2009 :Sweden :PCT/SE2010/051098 :12/10/2010	(71)Name of Applicant: 1)SAPA HEAT TRANSFER AB Address of Applicant:S-612 81 FINSPANG, SWEDEN. Sweden (72)Name of Inventor: 1)EKSTROM, HANS-ERIK
(87) International Publication No	:WO 2011/SE2010/051098	2)OSKARSSON, ANDERS
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for making a sandwich material for grazing, comprising the steps of: - providing a core layer of a first alloy that contains (by wt. %): 0.5-2.0% Mn, < 1.0% Mg, < 0.2% Si, < 0.3% Ti, < 0.3% Cr, < 0.3% Zr, < 0.2% Cu, < 3% Zn, < 0.2% In, < 0.1% Sn and < 0.7% (Fe+Ni), the rest Al and < 0.2% Mn+Cr, < 1.0% Mg, 1.6-5% Si, < 0.3% Ti, < 0.2% Zr, < 0.2% Cu, < 3% Zn, < 0.2% In, < 0.1% Sn and < 1.5% (Fe+Ni), the rest Al and < 0.05% of each of unavoidable contaminants; - rolling the layers together so that they adhere and form a sandwich material; - heat treating the sandwich material at a predetermined temperature and for a predetermined time so that the Si-content is equalised to 0.4-1% in both core layer and barrier layer; - rolling the sandwich material to a final thickness.

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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MILLING TOOL FOR ESTABLISHING OPENINGS IN WELLBORE OBSTRUCTIONS

 (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 	:E21B 29/06 :61/247,928 :01/10/2009 :U.S.A. :PCT/US2010/051134 :01/10/2010 :WO 2011/041685 :NA :NA :NA	(71)Name of Applicant: 1)BAKER HUGHES INCORPORATED Address of Applicant: P.O. BOX 4740, HOUSTON, TX 77210, U.S.A. U.S.A. (72)Name of Inventor: 1)CHRISTOPHER W. GUIDRY 2)GURUSWAMI NAVIN 3)LAMBERTUS C.F. JOPPE 4)ANDREW DAVID PONDER 5)CALVIN JOSEPH STOWE, II
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(57) Abstract:

A milling tool which includes a cutting portion, a cutting section having a plurality of hardened cutters and a shaft portion. A wear pad is disposed on the cutting section and shaft portion. Upon the shaft portion, the wear pad extends radially out-hardly to an engagement diameter that exceeds the maximum cutting diameter of the cutters.

No. of Pages: 37 No. of Claims: 19

(21) Application No.2256/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR IMPROVING ENCASHMENT 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) Potent of Addition to Application 	:G06Q30/06 :1258914 :24/09/2012 :France :PCT/FR2013/051131 :23/05/2013 :WO 2014/044934	(71)Name of Applicant: 1)BANQUE ACCORD Address of Applicant: 40 Avenue de Flandre, F -59170 Croix France (72)Name of Inventor: 1)FERLIN, Benoit;
e e		1)FERLIN, Benoit;
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2014/044934 :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method of updating an encashment system (10) including an encashment program (1) configured to interact with at least one cash till peripheral (4) under the control of a control module (5), said method comprising a step of inspecting, at the level of the control module (5), the interactions between said encashment program (1) and said at least one cash till peripheral (4); a step of processing at least one inspected interaction, said processing step being chosen from the group including the reformulation of an interaction, the modification of an interaction, the copying of an interaction, the extracting of data from an interaction, the reorienting of an interaction.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONSTANT ANGLE AND PRESSURE CONVEYOR BELT CLEANER AND TENSIONER

(51) International classification	:G05B	(71)Name of Applicant:
(31) Priority Document No	:10/996,843	1)MARTIN ENGINEERING COMPANY
(32) Priority Date	:24/11/2004	Address of Applicant :One Martin Place Neponset IL 61345-
(33) Name of priority country	:U.S.A.	9766 USA. U.S.A.
(86) International Application No	:PCT/US2005/042587	(72)Name of Inventor:
Filing Date	:23/11/2005	1)SWINDERMAN Robert Todd
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:3640/DELNP/2007	
Filed on	:15/05/2007	

(57) Abstract:

A tensioner for maintaining engagement of a conveyor belt cleaner including one or more scraper blades mounted on a rotatable support frame with a conveyor belt. The tensioner includes a mounting member attached to the support frame for conjoint rotation therewith a biasing member attached to the mounting member and an actuator attached to the biasing member. Operation of the actuator stores a biasing force within the biasing member which in turn rotates the scraper blades into full-face engagement with the conveyor belt. As the scraper blades wear the biasing member continues to rotate the blades into full-face engagement with the conveyor belt with a biasing force that changes in magnitude. The scraper blades include a blade face having an area which changes as the blades wear in order to maintain a substantially constant contact pressure between the blades and the conveyor belt as the blades wear.

No. of Pages: 40 No. of Claims: 14

(22) Date of filing of Application :20/03/2012

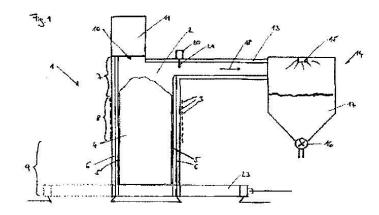
(43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD AND REACTOR FOR TREATING BULK MATERIAL CONTAINING CARBON

 (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 	:23/09/2010 :WO 2011/036208 :NA :NA	(71)Name of Applicant: 1)SGL CARBON SE Address of Applicant:RHEINGAUSTR. 182, 65203 WIESBADEN, GERMANY. Germany (72)Name of Inventor: 1)JAEGER, HUBERT 2)DAIMER, JOHANN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for treating bulk material which contains carbon and impurities. According to the invention, bulk material is directly heated inductively inside a reactor.



No. of Pages: 24 No. of Claims: 35

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING A PACKAGING BAG FROM FLEXIBLE FILM MATERIAL AND STIFFENED PARTIAL REGION AND PACKAGING BAG

(51) International classification :B65B 9/22 (31) Priority Document No :102009046717.3 (32) Priority Date :16/11/2009 (33) Name of priority country :Germany (86) International Application No Filing Date :05/10/2010 (87) International Publication No :WO 2011/057866 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:
1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442

STUTTGART, GERMANY. Germany

:PCT/EP2010/064846 (72)Name of Inventor :

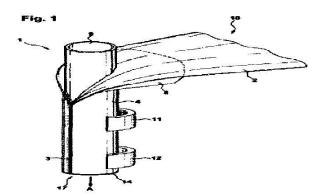
1)ANSINN, DETLEV D. 2)REICHERT, MANFRED

3)WILKE, BERND

4)WIEDUWILT, ULRICH

(57) Abstract:

The present subject matter relates to a method for producing a packaging bag from a flexible film material (2) comprising the following steps: feeding of the flexible film material (2); adding an additional material (7) to the flexible film material (2) and producing at least one stiffened partial region (6) from the additional material (7), wherein the additional material (7) is hardened and forms the stiffened partial region (6). The present subject matter further relates to a device for producing a packaging bag, comprising: a film feeding device (10) for feeding flexible film material (2) and an additional material adding device (11) for adding an additional material (7). The present subject matter further relates to a packaging bag (5) comprising: a first transverse seal seam (14), a second transverse seal seam (15), a flexible partial region (16) and at least one stiffened partial region (6), wherein the flexible partial region (16) is produced from the film material (2) and the stiffened partial region (6) is produced from an additional material (7) which was added and hardened to stiffen the packaging bag.



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

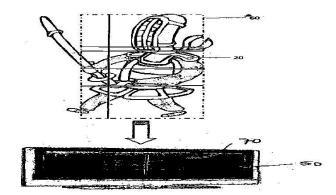
(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRONIC SCORING SYSTEM, METHOD AND ARMOUR FOR USE IN MARTIAL ARTS

(51) International classification	:A63B 69/00	(71)Name of Applicant :
(31) Priority Document No	:2009905163	1)ZATARA NOMINESS PTY LTD
(32) Priority Date	:23/10/2009	Address of Applicant :KELLAWAY CRIDLAND, LEVEL 4,
(33) Name of priority country	:Australia	48 HUNTER STREET, SYDNEY, NSW 2000, AUSTRALIA
(86) International Application No	:PCT/AU2010/001321	Australia
Filing Date	:08/10/2010	2)NEDSP NOMINEES PTY LTD
(87) International Publication No	:WO 2011/047410	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)PYSDEN DAVID
Number	:NA	2)FORSELL JUSTIN
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electronic scoring system for use in a variety of martial arts (including traditional styles of martial arts, mixed martial arts, weapons based martial arts or the fighting arts generally). The scoring system allows an objective determination of the force, location and effectiveness of forces applied during competition, without the need for electric weaponry.



No. of Pages: 58 No. of Claims: 37

(21) Application No.2269/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: FAUCET WATERWAY

(51) International classification	:F16K11/078,F16K5/00	(71)Name of Applicant :
(31) Priority Document No	:61/697683	1)MASCO CORPORATION OF INDIANA
(32) Priority Date	:06/09/2012	Address of Applicant :55 East 111th Street, Indianapolis, IN
(33) Name of priority country	:U.S.A.	46280 U.S.A.
(86) International Application No	:PCT/US2013/057607	(72)Name of Inventor:
Filing Date	:30/08/2013	1)KEMP, Matthew, L.;
(87) International Publication No	:WO 2014/039397	2)ENLOW, Brian, A.;
(61) Patent of Addition to Application	:NA	3)DAVIS, Dewayne;
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fluid delivery device including a waterway assembly, a valve cartridge, and a waterway adapter to fluidly couple the waterway assembly to the valve cartridge and to provide a fluid passageway to a spout outlet.

No. of Pages: 47 No. of Claims: 22

(22) Date of filing of Application: 19/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention : OPTICAL DEVICE AND METHOD FOR NON-INVASIVE REAL-TIME TESTING OF BLOOD SUGAR LEVELS

 (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 	:A61B 5/00 :61/277,021 :18/09/2009 :U.S.A. :PCT/US2010/002531 :17/09/2010 :WO 2011/034592 :NA :NA	(71)Name of Applicant: 1)THE UNIVERSITY OF AKRON Address of Applicant: 302 BUCHTEL COMMONS, AKRON, OHIO 44325-4702, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JUN JACK HU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device and method for non-invasive real-time testing of blood sugar levels in a diabetic patient. Specifically, this invention is directed to an optical device comprising a contact lens having a glucose-sensing optical pattern imprinted, marked, coated or otherwise disposed on or incorporated within the contact lens. The indicator pattern is further comprised of a glucose-sensing coating containing a boronic acid derivative, which reacts in the presence of glucose to create a readable pattern, which can then be correlated to a predetermined or pre-calibrated blood glucose level. A polarized light source is one method that may be used to read the indicator pattern. The invention is also directed to methods for quantifying blood glucose levels using the inventive optical device and manufacturing methods for disposing the glucose-sensing coating onto, or incorporating it into, the contact lens material.

No. of Pages: 33 No. of Claims: 9

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: DOWN-REGULATION OF ACC SYNTHASE FOR IMPROVED PLANT PERFORMANCE

 (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 	:04/10/2010 :WO 2011/041796 :NA :NA	(71)Name of Applicant: 1)PIONEER HI-BRED INTERNATIONAL Address of Applicant:7100 N.W. 62ND AVENUE, JOHNSTON, IOWA 50131-1014, U.S.A. U.S.A. (72)Name of Inventor: 1)BAO XIAOMING 2)BATE NICHOLAS J. 3)HABBEN JEFFREY E. 4)LAFITTE HONOR RENEE 5)REIMANN KELLIE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods for modulating plants using optimized ACC synthase down-regulation constructs are disclosed. Also disclosed are nucleotide sequences, constructs, vectors, and modified plant cells, as well as transgenic plants displaying increased seed and/or biomass yield, improved tolerance to abiotic stress such as drought or high plant density, improved nitrogen utilization efficiency and/or reduction in ethylene production.

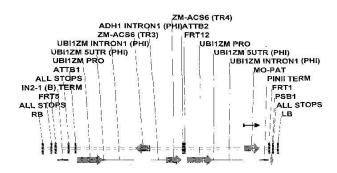


Figure 6. Expression cassette; 8350 bp.

No. of Pages: 111 No. of Claims: 26

(22) Date of filing of Application :20/03/2012

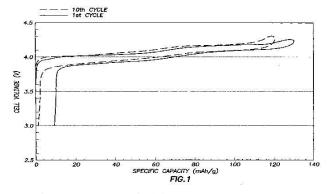
(43) Publication Date: 21/08/2015

(54) Title of the invention: ANODE MATERIAL FOR HIGH POWER LITHIUM ION 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 (62) Divisional to Application Number 	:H01M 4/16 :61/247,418 :30/09/2009 :U.S.A. :PCT/US2010/049295 :17/09/2010 :WO 2011/041137 :NA :NA	(71)Name of Applicant: 1)CONOCOPHILLIPS COMPANY Address of Applicant: IP SERVICES GROUP, 600 N. DAIRY ASHFORD BLDG., ML-1065, HOUSTON, TEXAS 77079, U.S.A. U.S.A. (72)Name of Inventor: 1)MAO ZHENHUA 2)CHAHAR BHARAT S.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A battery with a carbonaceous anode and a lithium manganese oxide spinel cathode. The carbonaceous anode is manufactured from graphite particles selected from the group consisting of: synthetic graphite particles, carbon-coated graphite particles, carbonized petroleum coke particles, carbon-coated coke particles and mixtures thereof. The lithium manganese oxide spinel cathode has a valence above 3.5. The production of the carbonaceous anode is obtained by: a) determining the initial coulombic efficiency and the specific capacity of the lithium manganese oxide spinel cathode in a cell against lithium metal; b) selecting a desired mixture of the graphite particles; c) comparing the initial coulombic efficiency of the graphite particles to that of the lithium manganese oxide spinel cathode; and d) selecting the appropriate amount and mixture of the graphite particles so that the initial coulombic efficiency of the carbonaceous anode is lower than that of the lithium manganese oxide spinel cathode.



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

Heerbrugg Switzerland (72) Name of Inventor:

1) JOERGENSEN, Claus:

2)KRISTENSEN, Sten;

3) PETTERSSON, Bo;

1)HEXAGON TECHNOLOGY CENTER GMBH

Address of Applicant : Heinrich- Wild - Strasse, CH - 9435

(19) INDIA

(22) Date of filing of Application: 19/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: MACHINE CONTROL SYSTEM FOR A WHEEL LOADER COMPRISING A GRADING BLADE

:E02F3/34,E02F3/43,E02F9/26 (71)Name of Applicant : (51) International classification

(31) Priority Document No :12189834.0 (32) Priority Date :24/10/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/072151

Filing Date :23/10/2013 (87) International Publication No :WO 2014/064143

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

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

:NA Filing Date

(57) Abstract:

Machine control system for controlling a land levelling or earthmoving process of a wheel loader (100) relative to a working plane (1), the wheel loader (100) being equipped with a land levelling or earthmoving blade (140-142) and comprising tool positioning means (115) for adjusting the position and orientation of the tool relative to the first body (110), wherein the machine control system comprises a machine control unit (10) and an orientation detection system characterized in that the orientation detection system comprises orientation detection means which are designed to be attached to the blade (140, 142) and/or to the wheel loader (100) for detecting a position and an orientation of the blade (140, 142) relative to a working plane (1), the orientation detection means are adapted to generate orientation data according to the relative position and orientation of the blade (140-142) and to transmit the orientation data to the machine control unit (10), and the machine control unit (10) is adapted for generating and displaying a graphic representation of the wheel loader (100) and the blade (140-142) with a position and orientation of the blade (140-142) relative to the working plane (1) based on the orientation data, and/or at least partially controlling the land levelling or earthmoving process by automatically operating the tool positioning means (115) for adjusting the position and orientation of the blade (140 -142) relative to the working plane (1) based on the orientation data.

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

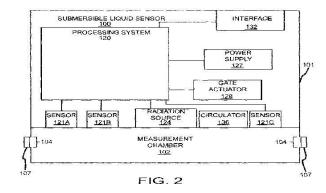
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ANTI-FOULING SUBMERSIBLE LIQUID SENSOR 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 	:G01N 21/15 :12/556,108 :09/09/2009 :U.S.A. :PCT/US2010/046960 :27/08/2010 :WO 2011/031547 :NA :NA	(71)Name of Applicant: 1)HACH COMPANY Address of Applicant:5600 LINBDERGH DRIVE LOVELAND, COLORADO 80539 U.S.A. U.S.A. (72)Name of Inventor: 1)SCOTT, ELIJAH, LA 2)JANSON, SCOTT, D
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An anti-fouling submersible liquid sensor (100) is provided according to the invention. The anti-fouling submersible liquid sensor (100) includes a measurement chamber (102) including one or more liquid measurement sensors (121) and at least one chamber aperture (104), at least one gate (107), a gate actuator (128) configured to selectively move the at least one gate (107) between open and closed positions with regard to the at least one chamber aperture (104), and a radiation source (124) configured to inactivate at least a portion of a liquid sample in the measurement chamber (102). The anti-fouling submersible liquid sensor (100) is configured to admit the liquid sample into the measurement chamber (102), perform one or more measurements on the liquid sample, substantially inactivate biological material within the liquid sample with radiation from the radiation source (124), and hold the inactivated liquid sample until a next sample time.



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

(22) Date of filing of Application :20/03/2012

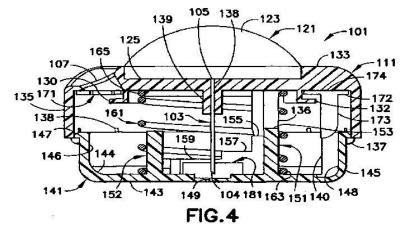
(43) Publication Date: 21/08/2015

(54) Title of the invention: SELF-INJECTION 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 	:15/09/2009 :WO 2011/034516 :NA	(71)Name of Applicant: 1)BECTON, DICKINSON AND COMPANY Address of Applicant: 1 BECTON DRIVE FRANKLIN LAKES NEW JERSEY 07417-1880 U.S.A. U.S.A. (72)Name of Inventor: 1)DURACK, DAVID 2)LOCKHART, ARTIS 3)MONAHAN, LAWRENCE
	:NA :NA	3)MONAHAN, LAWRENCE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A self-injection device (101) for delivering a medicament includes a housing (111), and a needle (103) connected to the housing (111). A compressible reservoir (121) is connected to the housing (111) and is in fluid communication with a needle (103) such that compressing the reservoir (121) delivers medicament from the reservoir (121) to the needle (103) and moves the needle (103) from the first position to the second position. A platform (171) is disposed within the housing (111) about which the housing (111) is rotatable between a plurality of positions. Each of the positions corresponds to a different distance the needle (103) is moved to the second position during an injection to provide a variable injection depth. The needle (103) is withdrawn into the housing (111) after an injection without requiring manual manipulation by the user, thereby preventing needle sticks and other accidents.



No. of Pages: 27 No. of Claims: 18

(21) Application No.2281/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: RIBBED SURGICAL BUR

(51) International classification	:A61B 17/16	(71)Name of Applicant:
(31) Priority Document No	:61/237,050	1)STRYKER IRELAND, LTD.
(32) Priority Date	:26/08/2009	Address of Applicant :IDA INDUSTRIAL ESTATE,
(33) Name of priority country	:U.S.A.	CARRIGTWOHILL, COUNTY CORK, IRELAND Ireland
(86) International Application No	:PCT/EP2010/005213	(72)Name of Inventor:
Filing Date	:25/08/2010	1)GUBELLINI, MATEO
(87) International Publication No	:WO 2011/023381	2)MANLEY, KEVIN
(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 bur includes a shaft (22) to which a bur head (32) is attached. The bur head includes a plurality of flutes (46). Each flute at least has a rake surface (45) and a cam surface (60). The rake surface extends radially outwardly from the longitudinal axis of the head. The rake surface defines a flute cutting edge (38). The associated cam surface curves away from the rake surface. One or more ribs (70) extend radially outwardly from the cam surface.

No. of Pages: 32 No. of Claims: 23

(21) Application No.2281/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention: A METHOD OF FORMING A STRUCTURAL CONNECTION BETWEEN A SPAR CAP AND A FAIRING FOR A WIND TURBINE BLADE

(51) International classification: B29C70/84,F03D1/06,B29L31/08 (71) Name of Applicant:

:WO 2014/049354

(31) Priority Document No :1217210.2 (32) Priority Date :26/09/2012

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

(86) International Application :PCT/GB2013/052508

:26/09/2013

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)BLADE DYNAMICS LIMITED

Address of Applicant :Saunders Drive, Cowes, Isle of Wight,

P031 8HU U.K.

(72) Name of Inventor:

1) HAYDEN, Paul, Trevor;

2)BEHMER, Harald;

(57) Abstract:

A method of forming a structural connection between a spar cap (14) and an aerodynamic fairing (12). A composite comprising an uncured matrix and a compressible solid is applied between the spar cap and fairing and is then compressed and cured to adhere the fairing to the spar cap. The cured matrix composite has a void volume of at least 20%. The high void volume means that as the fairing is compressed into place and compresses the composite, it has space in which to deform so as not to place undue stress on the fairing and to produce a lightweight connection.

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

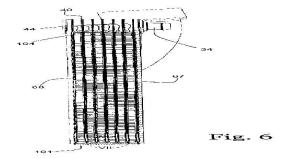
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: STACKED/BAR PLATE CHARGE AIR COOLER INCLUDING INLET AND OUTLET TANKS

(51) International classification	:F28F 3/02	(71)Name of Applicant:
(31) Priority Document No	:12/560,696	1)MODINE MANUFACTURING COMPANY
(32) Priority Date	:16/09/2009	Address of Applicant :1500 DEKOVEN AVENUE RACINE,
(33) Name of priority country	:U.S.A.	WI 53403-2552 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/039353	(72)Name of Inventor:
Filing Date	:21/06/2010	1)BRAUN, JASON J.
(87) International Publication No	:WO 2011/034647	2)CLABOTS, KEVIN G.
(61) Patent of Addition to Application	:NA	3)WARE, BE A.
Number	:NA	4)BROWN, JOEY D.
Filing Date	.IVA	5)JANKE, DAVID E.
(62) Divisional to Application Number	:NA	6)MELBY, ROBERT M.
Filing Date	:NA	

(57) Abstract:

The present invention provides a charge air cooler for transferring heat between a coolant and charge air including a charge air inlet tank, a charge air outlet tank spaced from the inlet tank, a housing connecting the inlet and outlet tanks to define a charge air flow path from the inlet tank to the outlet tank, and a plurality of plate pairs extending into the charge air flow path from, and substantially perpendicular to, a first wall of the housing. Each of the plate pairs can define a multi-pass path for the coolant. Elongated spacers can be positioned between adjacent plate pairs to define the first wall of the housing. The housing can include a second wall opposite the first wall, and the plate pairs can be spaced away from the second wall in order to accommodate differences in thermal expansion between the plate pairs and the housing.



No. of Pages: 23 No. of Claims: 18

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : A METHOD FOR RETROFITTING OR PRODUCING A DRIVE TRAIN AND A HYDRODYNAMIC RETARDER

(51) International classification :B60T 10/02 (71)Name of Applicant: (31) Priority Document No :10 2010 005 579.4 1)VOITH PATENT GMBH (32) Priority Date Address of Applicant :ST. POLTENER STR. 43, 89522 :22/01/2010 (33) Name of priority country HEIDENHEIM GERMANY (DE). Germany :Germany (86) International Application No :PCT/EP2011/000213 (72)Name of Inventor : Filing Date :20/01/2011 1)BOEHNISCH, JURGEN (87) International Publication No :WO 2011/089001 2) JAEGER, MARTIN (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for retrofitting or producing a drive train that is provided for receiving a permanent brake for decelerating drive wheels arranged in the drive train - when the drive train is designed as a drive train for motor vehicles - or for decelerating a shaft of the drive train designed in a rotationally fixed manner with a unit -when the drive train is designed as part of a stationary system; wherein the permanent brake is arranged in the main branch of the drive train between a transmission and the drive wheels - when designed as a drive train for motor vehicles - or between the transmission and the unit of the stationary system to be braked - on the transmission output side and is drivingly connected to a transmission output shaft of the transmission or can be shifted in the same. The invention is characterized in that the drive train is provided with a hydrodynamic retarder at the location of the permanent brake, comprising a power take-off module and a hydrodynamic component, a bladed rotor that can be driven via a input shaft and a bladed stator, which together delimit a torus-shaped working chamber that is filled or can be filled with a working medium, and from which a working medium can be drained, in order to transfer torque hydrodynamically from the rotor to the stator. The input shaft of the hydrodynamic component is connected to the power take-off module such that the hydrodynamic component can be brought into a driving connection with the transmission output shaft and forms a side branch of the drive train in order to directly brake the drive wheels or the shaft of the unit when the hydrodynamic component is activated.

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

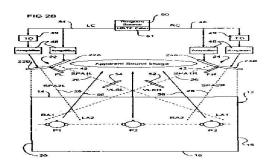
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : LOUDSPEAKER SYSTEM FOR REPRODUCING MULTI-CHANNEL SOUND WITH AN IMPROVED SOUND IMAGE

 (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 	:20/08/2010 :WO 20110/20157 :NA :NA	(71)Name of Applicant: 1)REALITY IP PTY LTD Address of Applicant: 146 HAWTHORN ROAD, CAULFIELD, VICTORIA 3162. AUSTRALIA Australia (72)Name of Inventor: 1)VAN DONGEN, CHARLES, CORNELES 2)ALEXANDROU, DAVID JAMES, STILL 3)CHAMPION, LINDSAY, ALFRED
1 (01110 01	:NA :NA :NA	

(57) Abstract:

A loudspeaker system for reproducing multichannel sound with an improved sound image in a listening zone is disclosed. The loudspeaker system includes a first speaker array for location in a first position relative to the listening zone and a second speaker array for location in a second position relative to the listening zone. The first speaker array includes a first radiating lobe for radiating first sound of the multichannel sound and at least a second radiating lobe for radiating a delayed version of the first sound. The second speaker array includes a first radiating lobe for radiating second sound of the multichannel sound, and at least a second radiating lobe for radiating a delayed version of the second sound. The loudspeaker system includes means for modifying the radiating or polar pattern associated with each radiating lobe; wherein the system is arranged such that a listening position substantially equidistant from the first and second arrays is exposed to radiation from the second lobes or from the first lobes and a listening position not substantially equidistant from the first and second arrays is exposed to radiation from both the first lobe of one array and the second lobe of the other array such that substantially all positions in the listening zone receive sound radiation from the first and second arrays with substantially equal arrival times.



No. of Pages: 38 No. of Claims: 34

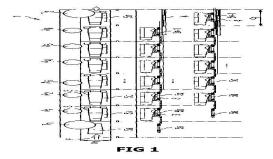
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF OPERATING A FLOW LINE, AN ASSEMBLY TRAILER, A TOW BAR, A HEAVY MACHINE INSTALLED ON AN ASSEMBLY TRAILER AND A FLOW LINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B21P 21/00 :EP 09013698 :30/10/2009 :EPO :PCT/EP2010/061486	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2 80333, MUNCHEN, GERMANY Germany 2)DURR SYSTEMS GMBH
(33) Name of priority country	:EPO	MUNCHEN, GERMANY Germany

(57) Abstract:

The invention relates to a method of operating a flow line (1) comprising two or more assembly stations (A1, A2, A3, A4, A5, A6) for the assembly of heavy machines such as wind turbine nacelles (3). The method comprising the steps of: installing a prepared assembly trailer (5, 5a, 5b,..., 5n-2, 5n-1, 5n) in the flow line (1) before or at a first assembly station (A1), connecting the said prepared assembly trailer (5, 5a, 5b,..., 5n-2, 5n-1, 5n) to at least one flow line tow bar (37), if the prepared assembly trailer (5, 5a, 5b,..., 5n-2, 5n-1, 5n) is installed before said first assembly station (A1) then: moving the said assembly trailer (5, 5a, 5b,..., 5n-2, 5n-1, 5n) to said first assembly station (A1), else: moving all the flow line assembly trailers (5, 5a, 5b,..., 5n-2, 5n-1, 5n) to the next assembly station (A1, A2, A3, A4, A5, A6), whereby the steps of moving the flow line assembly trailers (5, 5a, 5b,..., 5n-2, 5n-1, 5n) are performed time wise stepwise. The invention also relates to a flow line (1) for the same purpose.



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

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: 'METHODS OF TREATING INFLAMMATION

(51) International classification	:C07K 19/00	(71)Name of Applicant:
(31) Priority Document No	:61/245,214	1)CAROLUS THERAPEUTICS, INC.
(32) Priority Date	:23/09/2009	Address of Applicant :11099 NORTH TORREY PINES
(33) Name of priority country	:U.S.A.	ROAD, SUITE 290 LA JOLLA, CA 92037, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/050047	(72)Name of Inventor:
Filing Date	:23/09/2010	1)BERNHAGEN, JURGEN
(87) International Publication No	:WO 2011/038149	2)WEBER, CHRISTIAN
(61) Patent of Addition to Application	:NA	3)VOLLRATH, BENEDIKT
Number	:NA	4)TURNER, COURT
Filing Date	.11/1	5)SCHULTZ, JOSHUA ROBERT
(62) Divisional to Application Number	:NA	6)ZERNECKE, ALMA
Filing Date	:NA	7)DURON, SERGIO

(57) Abstract:

Disclosed herein, in some embodiments, are methods for treating an MIF-mediated disorder. In some embodiments, the method comprises administering an agent that inhibits (i) MIF binding to CXCR2 and CXCR4 and/or (ii) MIF- activation of CXCR2 and CXCR4; (iii) the ability of MIF to form a homomultimer; or a combination thereof.

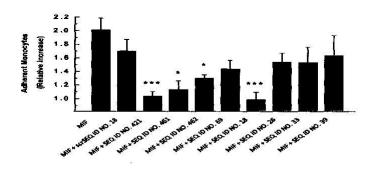


FIGURE 7

No. of Pages: 146 No. of Claims: 44

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTROCHEMICAL DESALINATION 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 Filing Date 	:C02F 1/469 :12/570227 :30/09/2009 :U.S.A. :PCT/US2010/042505 :20/07/2010 :WO 2011/041013 :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)NIU, RAN 2)YANG, HAI 3)BARBER, JOHN H. 4)HU, MIN 5)XIONG, RIHUA 6)CAI, WEI 7)GAO, XIN 8)LIU, YUNFENG
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(57) Abstract:

An electrochemical desalination system (10) includes a first and a second electrochemical device (12, 14) and a controller (18). The first and second electrochemical devices (12, 14) each comprises a electrochemical desalination module comprising at least one pair of electrodes (32, 33, 34, 35) and a compartment between each pair of electrodes (32, 33, 34, 35) for receiving an electrolyte solution. Each of the first and second electrochemical desalination devices comprises a plurality of successive operation cycles. Each cycle comprises a charging mode of operation for charging each pair of electrodes (32, 33, 34, 35) and for adsorbing ions in the electrolyte solution on the electrodes, and a discharging mode of operation for discharging the pair of electrodes (32, 33, 34, 35) and for desorbing ions from the pair of electrodes (32, 33, 34, 35). One of the first and second electrochemical desalination devices is in a discharging mode and the at least one pair of electrodes release electrical current, while the other of the first and second electrochemical desalination devices is in a charging mode of operation and receives the electrical current released from said one of the first and second electrochemical desalination device.

No. of Pages: 29 No. of Claims: 18

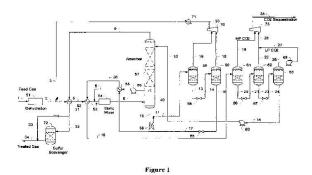
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HIGH PRESSURE HIGH CO2 REMOVAL CONFIGURATIONS AND METHODS

(51) International classification	:B01D 53/14	(71)Name of Applicant:
(31) Priority Document No	:61/243,969	1)FLUOR TECHNOLOGIES CORPORATION
(32) Priority Date	:18/09/2009	Address of Applicant :3 POLARIS WAY, ALISO VIEJO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 92698, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/049058	(72)Name of Inventor:
Filing Date	:16/09/2010	1)MAK, JOHN
(87) International Publication No	:WO 20110/034993	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

CO2 is removed from high-pressure feed gas in configurations and methods according to the inventive subject matter by contacting feed gas with cooled semi-rich solvent to form a two-phase mixture that is flashed into the bottom section of an absorber. Rich solvent from the absorber is then reduced in pressure to generate refrigeration for the semi-rich solvent and lean solvent countercurrently contacts the partially treated feed gas in the absorber to produce the semi-rich solvent. Among other advantages, cooling of the feed gas and semi-rich solvent by the pressure reduced rich solvent heats the rich solvent to allow enhanced regeneration of the solvent, and external refrigeration and heating of the solvent can be entirely avoided.



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

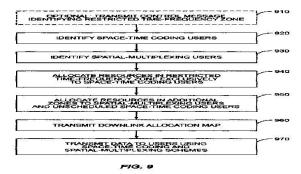
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM, METHOD, AND APPARATUS FOR IMPROVED SPACE-TIME CODING AND DYNAMIC SWITCHING WITH ADVANCED RECEIVERS

 (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 	:16/09/2010 :WO 2011/033474 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)BALACHANDRAN, KUMAR 2)KOORAPATY, HAVISH 3)RAMESH, RAJARAM
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatus for allocating time-frequency resources to mobile terminals m a wireless communications system in which time-frequency resources may be selectively used according to a first multiple-input multiple-output (MIMO) transmission scheme or a second MIMO transmission scheme that differs from the first MIMO transmission scheme. An exemplary method comprises, for at least a first scheduling instance, identifying a first group of mobile terminals corresponding to the first MIMO transmission scheme and a second group of mobile terminals corresponding to the second MIMO transmission scheme, allocating time-frequency resources in & first pre¬determined time-frequency zone exclusively to mobile terminals belonging to the first gamp, and allocating time-frequency resources in one or more additional pre-delermined time-frequency zone to one or more mobile terminals belonging to the second group. This method may be implemented in a base station of a WiMAX system, for example.



No. of Pages: 47 No. of Claims: 40

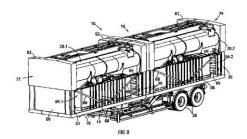
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A FREIGHT CARRIER

 (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 	:B60P 3/42 :2009/06059 :01/09/2009 :South Africa :PCT/IB2010/053928 :01/09/2010 :WO 2011/027305 :NA :NA	(71)Name of Applicant: 1)BENNETTO, PETER GEOFFREY Address of Applicant: 41 DRUMMOND ROAD, 7441 WEST BEACH, REPUBLIC OF SOUTH AFRICA. South Africa 2)VAN HEERDEN, JACK DENYS (72)Name of Inventor: 1)BENNETTO, PETER GEOFFREY 2)VAN HEERDEN, JACK DENYS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A freight carrier (10) in the form of a flatbed road trailer of the side loading type, has a load deck (16) and includes two bulk container tanks (20.1) and (20.2) for carrying liquid freight. The carrier includes lifting arrangements at opposite ends of the tanks for lifting the tanks into the raised positions illustrated, so as to define stowage compartments under the tanks within which general dry freight can be supported on the load deck. The trailer transports liquid freight when the tanks are in their lowered positions adjacent the load deck. When the tanks are empty, they are raised for the transport of dry freight.



No. of Pages: 31 No. of Claims: 7

(21) Application No.2422/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM OF TRANSFERRING A MESSAGE IN A SESSION INITIATION PROTOCOL BASED COMMUNICATIONS 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 	:H04L :NA :NA :NA :PCT/EP2009/63815 :21/10/2009 :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)NOLDUS, ROGIER AUGUST CASPAR JOSEPH
(86) International Application No		
Filing Date	:21/10/2009	1)NOLDUS, ROGIER AUGUST CASPAR JOSEPH
(87) International Publication No	:NA	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method of transferring a message in a Session Initiation Protocol based communications network, from a first node to a third node via a second node. The method comprises the steps of: storing, in a repository associated with the first node, a group identifier associated with a plurality of second nodes; deriving, by the first node, on the basis of the group identifier a network address corresponding to one second node of the plurality of second nodes; and transmitting the message to the third node via the second node derived by the first node.

No. of Pages: 44 No. of Claims: 14

(21) Application No.2283/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: SAMPLE COLLECTION THERMAL DESORBER

(31) Priority Document No (32) Priority Date	:G01N1/02,B01L3/00,G01N33/22 :61/704420 :21/09/2012	(71)Name of Applicant: 1)SMITHS DETECTION -WATFORD LIMITED Address of Applicant: 459 Park Avenue, Bushey, Watford,
(33) Name of priority country	:U.S.A.	Hertfordshire WD23 2BW U.K.
(86) International Application No Filing Date	:PCT/GB2013/052475 :20/09/2013	(72)Name of Inventor : 1)PIPER, Lee
(87) International Publication No	:WO 2014/045057	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A thermal desorption apparatus is configured to detect a substance of interest in a sample , the apparatus comprising: a wand configured to support a swab and a detector comprising an analyser arranged to detect a substance of interest , wherein the wand is configured to couple to the detector such that thermal desorption of a sample from the swab provides a part of the sample to the analyser.

No. of Pages: 36 No. of Claims: 30

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NITRILE RUBBERS AND PRODUCTION THEREOF IN ORGANIC SOLVENTS

(51) International classification	:C08F 236/12	(71)Name of Applicant:
(31) Priority Document No	:09170583.0	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:17/09/2009	Address of Applicant :51369 LEVERKUSEN, GERMANY
(33) Name of priority country	:EUROPEAN	Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/062728	1)MICHAEL KLIMPEL
Filing Date	:31/08/2010	2)SVEN BRANDAU
(87) International Publication No	:WO 2011/032832	3)UWE WESTEPPE
(61) Patent of Addition to Application	:NA	4)CHRISTOPHER BARNER-KOWOLLIK
Number	:NA	5)ANDREAS KAISER
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A new process is provided for preparing nitrile rubbers by free-radical polymerization in an organic solvent and in the presence of specific modifier substances. This polymerization may be followed by hydrogenation to give likewise new hydrogenated nitrile rubbers, the hydrogenation advantageously taking place likewise in organic solvent. The optionally hydrogenated nitrile rubbers obtained are notable for having fragments of the employed modifier substances in the main polymer chain and/or as end groups. They can be prepared with a wide diversity of molecular weights and polydispersity indices, especially with very low polydispersity indices.

No. of Pages: 66 No. of Claims: 18

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: AUTHENTICATION DEVICE INCLUDING TEMPLATE VALIDATION AND RELATED METHODS

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUTHENTEC INC.
(32) Priority Date	:NA	Address of Applicant :100 RIALTO PLACE, SUITE 100,
(33) Name of priority country	:NA	MELBOURNE, FLORIDA 32901, U.S.A. U.S.A.
(86) International Application No	:PCT/US2011/060957	(72)Name of Inventor:
Filing Date	:16/11/2011	1)GOZZINI GIOVANNI
(87) International Publication No	:NA	2)LIEBERZEIT VLADIMIR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

(57) Abstract:

An authentication device may include a housing and a finger sensor carried by the housing and including first processing circuitry and a finger sensing area coupled thereto. The first processing circuitry may be configured to generate finger image data based upon a finger positioned adjacent the finger sensing area, and generate and store a first template based upon the finger image data. The authentication device may include second processing circuitry carried by the housing and configured to obtain the finger image data from the first processing circuitry. The second processing circuitry may be configured to generate a second template based upon the finger image data. The first processing circuitry may further be configured to obtain the second template from second processing circuitry, and validate the second template against the first template.

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

(21) Application No.2361/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

:17/08/2004

(54) Title of the invention : AQUEOUS COMPOSITIONS AND METHOD FOR CLEANING GAS TURBINE COMPRESSOR BLADES

(51) International classification :C11D 1/72 (71)Name of Applicant: (31) Priority Document No 1) GENERAL ELECTRIC COMPANY :10/654,041 :03/09/2009 (32) Priority Date Address of Applicant: 1 RIVER ROAD, SCHENECTADY, (33) Name of priority country NEW YORK, 12345 U.S.A. U.S.A. :U.S.A. (86) International Application No :PCT/US2004/026709 (72)Name of Inventor: Filing Date :17/08/2004 1)YAN LAIBIN (87) International Publication No :WO 2005/024095 2)FILLIPO BRUCE K. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :1158/DELNP/2006

(57) Abstract:

Filed on

The present invention is directed to a gas turbine cleaner. The composition of the present invention includes a glycol alkyl ether compound, an alkoxylated surfactant with an alkyl chain length of from about 3 to 18 carbons and a metal corrosion inhibitor component

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : TOPICAL FORMULATIONS COMPRISING A 1-N-ARYLPYRAZOLE DERIVATIVE AND A FORMAMIDINE

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
(207D
(60/530,525
(17/12/2003
(U.S.A.
(PCT/US2004/042379

Filing Date :17/12/2004

(87) International Publication No :NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA

(62) Divisional to Application Number :

Filed on :01/01/1900

(71)Name of Applicant:

1)MERIAL LIMITED

Address of Applicant: 3239 SATELLITE BOULEVARD

DULUTH, GA 30096 U.S.A. U.S.A.

(72)Name of Inventor: 1)BOECKH, ALBERT

2) CRAMER, LUIZ, GUSTAVO

3)SOLL, MARK, D.

(57) Abstract:

The present invention provides for, inter alia, novel topical formulations comprising at least one 1-N-arypyrazole derivative and a formamidine such as amitraz, and to methods for treating, controlling, or preventing parasite infestations on mammals or birds. The inventive formulations include spot-on, pour-on or spray formulations and may include a further ectoparasiticide, such as an IGR compound, an avermectin or milbemycin derivative, or a pyrethroid insecticide, and/or anthelmintics such as benzimidazoles or imidazothiazoles. The inventive formulation provides a larger duration of parasite control at a faster rate of control. The inventive formula remains effective up to three months from the first application. Moreover, the inventive formulations prevent tick attachment to the animal, thereby providing protection against tick borne diseases. The ectoparasites which may be controlled, treated or prevented by the present invention includes ticks, fleas, mites, mange, lice, mosquitoes, flies and cattle grubs.

No. of Pages: 67 No. of Claims: 20

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: AMMONIA PRETEATMENT OF BIOMASS FOR IMPROVED INHIBITOR PROFILE

 (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 	:08/10/2010 :WO 2011/046818 :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. U.S.A. (72)Name of Inventor: 1)BAZZANA, STEPHANE FRANCIOIS 2)CAMP,CARL E. 3)FOX, BRADLEY CURT 4)SCHIFFINO, RINALDO, S. 5)WING, KEITH DUMONT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods for treating biomass for release of fermentable sugars with an improved inhibitor profile are provided. Specifically, a hydrolysate comprising fermentable sugars with an improved inhibitor profile is obtained by saccharification of a reaction product obtained by pretreating biomass with ammonia under suitable reaction conditions. The pretreated biomass reaction product has an acetamide to acetate molar ratio greater than about 1 and an acetyl conversion of greater than 60%. The acetamide to acetate molar ratio is maintained greater than about 1 throughout saccharification. The hydrolysate may be fermented to a target compound.

No. of Pages: 43 No. of Claims: 14

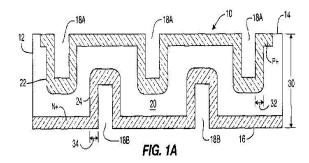
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DOUBLE TRENCH RECTIFIER

 (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 	:12/565,201 :23/09/2009 :U.S.A.	(71)Name of Applicant: 1)VISHAY GENERAL SEMICONDUCTOR, LLC Address of Applicant:c/o VISHAY INTERTECHNOLOGY, INC. 63 LANCASTER AVENUE, MALVEM, PENNSYLVANIA 19355-2120,U.S.A. U.S.A. (72)Name of Inventor: 1)TSAI, HUNG-PING
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)CHEN, SHIH-KUAN 3)KAO, LUNG-CHING

(57) Abstract:

A high power density or low forward voltage rectifier which utilizes at least one trench in both the anode and cathode. The trenches are formed in opposing surfaces of the substrate, to increase the junction surface area per unit surface area of the semiconductor die. This structure allows for increased current loads without increased horizontal die space. The increased current handling capability allows for the rectifier to operate at lower forward voltages. Furthermore, the present structure provides for increased substrate usage by up to 30 percent.



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

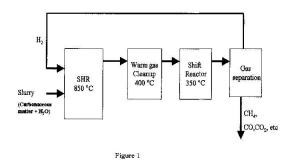
(22) Date of filing of Application: 19/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention : A METHOD TO PRODUCE METHANE RICH FUEL GAS FROM CARBONACEOUS FEEDSTOCKS USING A STEAM HYDROGASIFICATION REACTOR AND A WATER GAS SHIFT REACTOR

 (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 	:22/09/2010 :WO 2011/038046 :NA :NA	(71)Name of Applicant: 1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Address of Applicant:1111 FRANKLIN STREET, OAKLAND, CA 94607-5200, U.S.A. U.S.A. (72)Name of Inventor: 1)RAJU, ARUN, SK 2)PARK, CHAN, SEUNG 3)NORBECK, JOSEPH, M.
Number		
Filing Date	:NA	

(57) Abstract:

A method for producing high levels of methane based on a combination of steam hydrogasification and a shift reactor is provided using carbonaceous material. Hydrogen produced by the shift reactor can be recycled back into the steam hydrogasifier.



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

(22) Date of filing of Application :09/01/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD FOR PRODUCING ISOCYANATES IN THE GAS PHASE

 (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 	:C07C 263/10 :10 2009 032 414.3 :09/07/2009 :Germany :PCT/EP2010/003915 :26/06/2010 :WO 2011/003531 :NA :NA	(71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)RAINER BRUNS 2)WOLFGANG LORENZ 3)KNUT SOMMER
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(57) Abstract:

The invention relates to a method for the continuous production of isocyanates by reacting the corresponding ami¬nes with phosgene in a reactor in the gas phase in the presence of at least one inert material, wherein a stream containing phosgene and a stream containing the amine and the inert material are fed to the reactor, wherein the molar ratio of the inert material to the amino groups in the stream is not subject to great fluctuations.

No. of Pages: 22 No. of Claims: 7

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CATALYTIC DEHYDRATION OF ALCOHOLS USING NON-VOLATILE ACID CATALYSTS

 (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 	:C07C 1/00 :61/245,532 :24/09/2009 :U.S.A. :PCT/US2010/043650 :29/07/2010 :WO 2011/037681 :NA :NA :NA	(71)Name of Applicant: 1)SIGNA CHEMISTRY INC. Address of Applicant:530 EAST 76TH STREET, SUITE 9E, NEW YORK, NY 10021, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MICHAEL LEFENFELD 2)ROBERT HOCH
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(57) Abstract:

A catalytic process for dehydration of an aliphatic C2-C6 alcohol to its corresponding olefin is disclosed. The process continuously flows through a reaction zone a liquid phase containing an aliphatic C2-C6 alcohol to contact a non-volatile acid catalyst at a reaction temperature and pressure to at least partially convert the aliphatic C2-C6 alcohol in the liquid phase to its corresponding olefin. The reaction pressure is greater than atmospheric pressure and the reaction temperature is above the boiling point of the olefin at reaction pressure, but below the critical temperature of the alcohol, and the olefin product is substantially in the gaseous phase. After the contacting step, the olefin containing gaseous phase is separated from the liquid phase. The invention also relates to catalytic processes such as a hydrolysis of an olefin to an alcohol, an esterification, a transesterification, a polymerization, an aldol condensation or an ester hydrolysis.

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

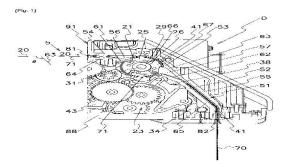
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROTARY ANTI-PULLBACK UNIT OF FLETCHED FINS

 (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 	:16/09/2009 :WO 2011/033560	(71)Name of Applicant: 1)JAPAN CASH MACHINE CO., LTD. Address of Applicant: 3-15, NISHIWAKI 2-CHOME, HIRANO-KU, OSAKA-SHI, OSAKA 5470035, JAPAN Japan (72)Name of Inventor: 1)SEKI TORU 2)IZAWA SHINYA
Filing Date (87) International Publication No	:16/09/2009	1)SEKI TORU
Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A rotary anti-pullback unit is provided which comprises a rotor 22 and a frame 43 for rotatably supporting the rotor 22. Rotor 22 comprises a plurality of disks 25 arranged coaxially in a line and in axially spaced relation to each other, and a plurality of fletched fins 26 axially protruding from at least one radial surface 25a of disks 25 toward an opposite radial surface 25a of the other adjoining spaced disk 25. Rotor 22 is rotated concurrently with a bill 70 transported along each outer periphery of disks 25 in contact to transported bill 70 to radially inwardly move a flexible extracting tool 71 connected to bill 70, and bring tool 71 into tangled engagement with fin or fins 26 in order to prevent unduly extraction of bill 70.



No. of Pages: 40 No. of Claims: 27

(21) Application No.2363/DELNP/2012 A

(19) INDIA

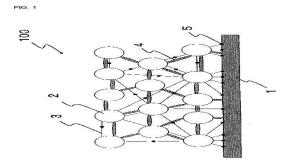
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VIRUS INACTIVATING SHEET

(51) International classification	:A61K 33/34	(71)Name of Applicant:
(31) Priority Document No	:2009-230946	1)NBC MESHTEC, INC.
(32) Priority Date	:02/10/2009	Address of Applicant :50-3, TOYODA, 2-CHOME, HINO-
(33) Name of priority country	:Japan	SHI, TOKYO 191-0053, JAPAN Japan
(86) International Application No	:PCT/JP2010/005931	(72)Name of Inventor:
Filing Date	:04/10/2010	1)FUJIMORI YOSHIE
(87) International Publication No	:WO 2011/040048	2)JIKIHARA YOUHEI
(61) Patent of Addition to Application	:NA	3)SATO TETSUYA
Number	:NA	4)FUKUI YOKO
Filing Date	.11/1	5)NAKAYAMA TSURUO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A virus inactivating sheet is provided that can inactivate viruses adhering thereto even in the presence of lipids and proteins regardless of whether or not the viruses have an envelope. The virus inactivating sheet can inactivate viruses adhering thereto and includes a sheet body, and monovalent copper compound fine particles and/or iodide fine particles that are held by the sheet body. The virus inactivating sheet can inactivate various viruses. These viruses can be inactivated even in thepresenceof lipids and proteins.



No. of Pages: 68 No. of Claims: 15

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VACUUM DEHYDRATOR

(51) Intermetional alogaification	:B01D 1/14	(71) Name of Applicant
(51) International classification	:B01D 1/14	(71)Name of Applicant:
(31) Priority Document No	:12/615,889	1)SIEMENS INDUTRY, INC.
(32) Priority Date	:10/11/2009	Address of Applicant :3333 OLD MILTON PARKWAY,
(33) Name of priority country	:U.S.A.	ALPHARETTA, GEORGIA 30005-4437, UNITED STATES OF
(86) International Application No	:PCT/US2010/054916	AMERICA U.S.A.
Filing Date	:01/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/059843	1)MORTIMER DANIEL WILLIAMS
(61) Patent of Addition to Application	.NY A	2)JOHN G. DONNELLY
Number	:NA	3)ERIC M. LALIBERTE
Filing Date	:NA	4)J. RAFAEL LAZO
(62) Divisional to Application Number	:NA	5)JUAN ALEJANDRO SEGRELLES SACRISTAN
Filing Date	:NA	6)ANSELMO GARCIA GRACIA

(57) Abstract:

A vacuum dehydrator for processing an oil containing entrained contaminants such as water, air, and particulates comprises a tower enclosing upper and lower chambers. A random packing is contained in the upper chamber. The oil is preheated to a temperature above the boiling point of water and is introduced into the upper chamber for downward flow through the ran¬dom packing into the lower chamber. Entrained air and water is retained as water vapor in the upper chamber, and particulates are retained in the random packing. Heated ambient air is introduced into the lower chamber for upward flow through the random packing into the upper chamber, and the upper chamber is cooled to condense the water vapor. Oil and condensed water are pumped respectively from the lower and upper chambers.

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: EXTERNAL BURNING AND INTERNAL HEARING TYPED COAL CARBONIZATION 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 	:C10B 53/04 :200910092456.4 :15/09/2009	(71)Name of Applicant: 1)BEIJING GUODIAN FUTONG SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD. Address of Applicant :ABP 13 BUILDING, NO. 188 NANSIHUAN XI ROAD, FENGTAI DISTRICT, BEIJING 100070, CHINA China (72)Name of Inventor: 1)ZHENQIANG LIU 2)YI ZHANG 3)WENHUA MIAO 4)XUHUI ZHANG 5)CHANGJIANG SHI 6)ZHONGHUA BAI
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(57) Abstract:

The invention provides an external burning and internal heating typed coal carbonization furnace, from top to bottom, comprising a preheating zone for preheating raw coals; and a drying zone for drying said raw coals and producing cold flue gas at the same time; and a carbonization zone for carbonizing the dried raw coals into carbonized products; and a cooling zone for cooling the carbonized products with said cold flue gas; and said cold flue gas produced from the drying zone are introduced into a cold flue gas pipe of said cooling zone. The furnace of the invention sufficiently not only utilizes the cold flue gas produced to cool the carbonized products, so as to enhance the carbonization efficiency, but also allows a great amount of sulphur to be removed from the flue gas in the cooling process, which makes the furnace of the invention energy saving and environmentally protective.

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VASCULATURE CLOSURE DEVICES AND 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 	:A61B 17/00 :61/251,054 :13/10/2009 :U.S.A. :PCT/US2010/052322 :12/10/2010 :WO 2011/046932 :NA :NA	(71)Name of Applicant: 1)E-PACING, INC. Address of Applicant:1209 ORANGE STREET, WILMINGTON, DE 19801, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ABRAHAM PENNER 2)LONE WOLINSKY 3)ALON BEN-YOSEF
Filing Date	:NA :NA	

(57) Abstract:

Vasculature closure devices, and systems and methods for their use, are provided. In one embodiment, the vasculature closure device includes an expandable support frame deployable within a vessel and a sealing membrane at least partially supported by the expandable support frame. Upon expanding the support frame, the vasculature closure device is configured to intraluminally position the sealing membrane against a puncture site existing in a vessel wall.

No. of Pages: 106 No. of Claims: 36

(21) Application No.2295/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HYDROLYSIS RESISTANT POLYESTER FILMS

(51) International classification	:C08G 63/91	(71)Name of Applicant:
(31) Priority Document No	:0915687.8	1)DUPONT TEIJIN FILMS U.S. LIMITED
(32) Priority Date	:08/09/2009	PARTNERSHIP
(33) Name of priority country	:U.K.	Address of Applicant :3600 DISCOVERY DRIVE,
(86) International Application No	:PCT/GB2010/001698	CHESTER, VA 23836, UNITED STATES OF AMERICA U.S.A.
Filing Date	:08/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/030098	1)WILLIAM J. BRENNAN
(61) Patent of Addition to Application	:NA	2)SIMON V. MORTLOCK
Number	:NA	3)ALAN LOVATT
Filing Date	.IVA	4)DAVID PHILLIPS
(62) Divisional to Application Number	:NA	5)DAVID R. TURNER
Filing Date	:NA	

(57) Abstract:

A biaxially oriented polyester film comprising polyethylene terephthalate (PET) and at least one hydrolysis stabiliser selected from a glycidyl ester of a branched monocarboxylic acid, wherein the monocarboxylic acid has from 5 to 50 carr bon atoms, wherein said hydrolysis stabiliser is present in the film in the form of its reaction product with at least some of the end-groups of said polyester; a process for making the same; and use of the film as a layer in a photovoltaic cell.

No. of Pages: 34 No. of Claims: 24

(21) Application No.2295/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015

(43) Publication Date: 21/08/2015

(54) Title of the invention : A FILTER CARTRIDGE PROVIDED WITH MEANS FOR EXPULSION OF WATER AND A RELATIVE FILTER 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 	:B01D36/00 :RE2012A000066 :11/10/2012 :Italy :PCT/IB2013/002118 :24/09/2013 :WO 2014/057323 :NA :NA	(71)Name of Applicant: 1)UFI FILTERS S.P.A. Address of Applicant: 26, Via Europa, 1-46047 Porto Mantovano (Mantova) Italy (72)Name of Inventor: 1)GIRONDI, Giorgio;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A filter cartridge (30) for filtering fuel, comprising a filter wall (31) having a tubular shape, a first support plate (32) fixed to an end of the filter wall (31) and a second support plate (33) fixed to the opposite end of the filter wall each support plate (32, 33) defining a respective portion (324, 325;335, 336) of a discharge conduit (324, 325; 50; 335, 336) of the water which separates from the fuel during filtration of the fuel; the peculiarity of the invention consists in the fact that it comprises a connecting cannula (50) able to connect the portions (324, 325;335, 336) and arranged externally of the filter wall (31).

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

(21) Application No.2369/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISASSEMBLY OF INTER-FITTING COMPONENTS

(51) International classification(31) Priority Document No	:E02F 9/28 :AU 2009904408	(71)Name of Applicant: 1)BRADKEN RESOURCES PTY LIMITED
(32) Priority Date	:11/09/2009	Address of Applicant :2 MAUD STREET, MAYFIELD
(33) Name of priority country	:Australia	WEST, NEW SOUTH WALES 2304, AUSTRALIA Australia
(86) International Application No	:PCT/AU2010/001186	(72)Name of Inventor:
Filing Date	:13/09/2010	1)CHARLTON, MITCHELL BRIAN
(87) International Publication No	:WO 2011/029157	2)ROBERTS, PAUL ANTHONY
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A tool for disassembling an excavation tooth assembly comprising first and second tooth members, the tool comprising: a body comprising a driven portion and first and second legs, the legs extending generally in a common plane and defining an assembly receiving cavity therebetween, each of the first and second legs comprising a wedge portion adjacent the assembly receiving cavity which tapers toward a distal end of the respective leg, in use the tool being adapted to locate over a join defined between the first and second tooth members such that the wedge portion of the first and second legs locates within the join and wherein in use a force applied to the driven portion is arranged to drive the wedge portion further into the join so as to cause separation of the first and second tooth members in a direction transverse to the movement of the first and second legs. FIGURE: 5

No. of Pages: 78 No. of Claims: 43

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COLLECTOR PLATE FOR HEAT EXCHANGER 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 	:F28F 9/02 :0904805 :08/10/2009 :France :PCT/EP2010/064987 :07/10/2010 :WO 2011/042491 :NA :NA :NA	(71)Name of Applicant: 1)VALEO SYSTEMES THERMIQUES Address of Applicant:8, RUE LOUIS LORMAND, LA VERRIERE, F-78320 LE MESNIL-SAINT-DENIS, FRANCE France (72)Name of Inventor: 1)PATRICK BOISSELLE 2)GERARD GILLE 3)DIDIER POTTIER
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(57) Abstract:

The invention relates to a collector plate (14) for a heat exchanger capable of receiving a cover for a collector housing of said heat exchanger, said collector plate comprising at least one hole (18) for the passage of a tube of said heat exchanger, said hole (18) having a periphery provided with a collar (20), and said collar (20) having a height (H1, H2), characterized in that the height of said collar (20) is variable on the periphery of the hole (18) for the passage of said tube. The invention also relates to a heat exchanger provided with such a collector plate.

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOZZLE FOR HEATING DEVICE, HEATING DEVICE, AND NOZZLE FOR COOLING 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 	:B23K 3/04 :2009-219542 :24/09/2009 :Japan :PCT/JP2010/063101 :03/08/2010 :WO 2011/036948 :NA :NA	(71)Name of Applicant: 1)SENJU METAL INDUSTRY CO., LTD. Address of Applicant:23, SENJU-HASHIDO-CHO, ADACHI-KU, TOKYO 120-8555, JAPAN Japan (72)Name of Inventor: 1)TOMOTAKE KAGAYA
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(57) Abstract:

To achieve an improvement of heat exchanger effectiveness (heat transfer rate) without any increase of a fan motor output. The gas heated by the heating units or the gas cooled down by the cooling units is sent to the blowing nozzles 2 by a fan. Then, the blowing nozzles 2 blow the gas sent by the fan through their outlets. Each of the outlets has a non-circular planar shape with a projection portion thereof being projected inwardly. This allows a shape of the gas in cross section perpendicular to a direction where the gas is blown through the outlet of each of the blowing nozzles 2 to be changed by the projection portion with time (switching phenomenon). Such a switching phenomenon enables to be increased the heat exchanger effectiveness (heat transfer rate) on the printed board even if any output of the fan motor for rotating the fan does not increase.

No. of Pages: 63 No. of Claims: 10

(21) Application No.2299/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015 (43) Publication Date: 21/08/2015

(54) Title of the invention: BIOMEDICAL PATCHES WITH SPATIALLY ARRANGED FIBERS

(51) International :A61F13/02,A61L15/22,A61L15/42

classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/US2012/056548

:21/09/2012 Filing Date

(87) International Publication :WO 2014/046669

(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)WASHINGTON UNIVERSITY

Address of Applicant :One Brookings Drive St. Louis

Missouri 63130 U.S.A. (72) Name of Inventor:

1)MACEWAN Matthew R.

(57) Abstract:

A system and methods for producing a structure including a plurality of fibers is provided. The system includes a polymer collector having a predefined pattern wherein the collector is charged at a first polarity and a spinneret configured to dispense a polymer wherein the spinneret is charged at a second polarity substantially opposite the first polarity such that polymer dispensed from the spinneret forms a plurality of fibers on the predefined pattern of the fiber collector.

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

(21) Application No.2372/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CURTAIN WALL UNIT AND CURTAIN 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 Filing Date 	:G01W :2009-270570 :27/11/2009 :Japan :PCT/JP2010/065246 :06/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)LIXIL CORPORATION Address of Applicant:1-1 Ojima 2-chome Koto-ku Tokyo 136-8535 Japan Japan (72)Name of Inventor: 1)Kenji TAKAHASHI 2)Shigeki HIGUCHI 3)Jun ISORA
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(57) Abstract:

The present invention provides a curtain wall unit which is capable of preventing a short circuit and which has an excellent external appearance. Further the present invention provides a curtain wall comprising the curtain wall unit.

No. of Pages: 38 No. of Claims: 4

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DNA FRAGMENT TO PROMOTE TRANSLATION EFFICIENCY AND RECOMBINANT VECTORS CONTAINING THE SAME

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:10-2009-0081403	1)HELIX CO. LIMITED
(32) Priority Date	:31/08/2009	Address of Applicant :Postech Venture Business Incubation
(33) Name of priority country	:Republic of Korea	Center #317 Hyoja-dong Nam-gu Pohang Kyeongsangbuk-do
(86) International Application No	:PCT/KR2010/005669	790-784 Republic of Korea Republic of Korea
Filing Date	:25/08/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)NA Yun Jeong
(61) Patent of Addition to Application	:NA	2)JEON Eun Hyun
Number	:NA	3)KWON Eun Hye
Filing Date	.INA	4)KIM Yong Woo
(62) Divisional to Application Number	:NA	5)SOHN Eun Ju
Filing Date	:NA	6)HWANG In Hwan

(57) Abstract:

The present invention relates to a DNA fragment for improving translation efficiency and a recombinant vector containing the same and more specifically to a DNA fragment which comprises any one nucleotide sequence selected from the group consisting of SEQ ID NOs: 1-6 SEQ ID NOs: 8-10 SEQ ID NOs: 13 and 14 and SEQ ID NO: 16 and improves the translation efficiency of a heterologous protein placed in the downstream and a recombinant vector containing the DNA fragment. The DNA fragment for improving translation efficiency according to the present invention and a recombinant vector containing the same can improve the translation of a heterologous protein in a transgenic plant.

No. of Pages: 70 No. of Claims: 15

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : HIGH-THROUGHPUT BIOMARKER SEGMENTATION UTILIZING HIERARCHICAL NORMALIZED CUTS

(51) International classification(31) Priority Document No(32) Priority Date	:G01N :61/276,986 :18/09/2009	(71)Name of Applicant: 1)Rutgers The State University Address of Applicant: ASB 111 3 Rutgers Plaza New
(33) Name of priority country(86) International Application No Filing Date	:U.S.A. :PCT/US2010/002536 :17/09/2010	Brunswick NJ 08901 USA. U.S.A. (72)Name of Inventor: 1)JANOWCZYK Andrew
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	: NA :NA :NA	2)CHANDRAN Sharat 3)MADABHUSHI Anant
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for obtaining segmented images of the stained regions may comprise quantifying the extent of the presence of staining of a biomarker in an original image of a sample which may comprise selecting a domain swatch of data based upon a user specified domain knowledge; clustering the data within the original image by conducting a frequency weighted mean shift of the data within the original image to convergence forming a hierarchical plurality of layers each having a different data resolution to form a hierarchical data pyramid; segmenting the plurality of mean shifted data images to determine in each mean shifted data image within the hierarchical data pyramid data not excluded as outside of the swatch; mapping the data not excluded as outside the swatch spatially back to the original image to create a final image; and storing the final image on a storage medium for further analysis.

No. of Pages: 72 No. of Claims: 16

(22) Date of filing of Application :21/03/2012

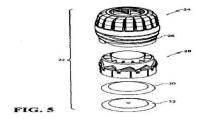
(43) Publication Date: 21/08/2015

(54) Title of the invention: CLOSURE WITH OBLIQUELY ANGLED CAM SURFACES ON INNER AND OUTER PARTS

(51) International classification	:B65D 41/62	(71)Name of Applicant:
(31) Priority Document No	:2009904063	1)SCHOLLE CORPORATION
(32) Priority Date	:25/08/2009	Address of Applicant :19520 JAMBOREE ROAD, SUITE
(33) Name of priority country	:Australia	250 IRVINE, CALIFORNIA 92612, UNITED STATES OF
(86) International Application No	:PCT/AU2010/001013	AMERICA U.S.A.
Filing Date	:10/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/022756	1)BROOKS, JOHN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A closure (22) for a bottle (20) containing carbonated beverages. The closure (22) comprises an inner part (28) and an outer part (24). The inner part (28) is adapted to receive a portion of a finish of the bottle (20) and includes a plurality of outwardly extending first cam surfaces (32) that are obliquely angled to the longitudinal axis of the closure (24). The outer part (24) is adapted to fit substantially over the inner part (28), the outer part (24) including a plurality of inwardly extending second cam surfaces (34) that are obliquely angled to the longitudinal axis of the closure (22). The outer part (24) is movable relative to the inner part (28) between a closed position in which at least a portion of the outer part (24) urges at least a portion of the inner part (28) against the neck to resist disengagement of the inner part (28) from the finish and an open position in which the inner part (28) allows disengagement of the inner (28) part from the finish. When the outer part (24) is in the closed position: applying a longitudinally directed force to the outer part (24), relatively away from the inner part (28), causes the outer part (24) to move longitudinally relative to the inner part (28) towards the open position as the first cam surfaces (32) travel relatively longitudinally away from the second cam surfaces (24); and twisting the outer part in a first direction about the longitudinal axis relative to the inner part (28) drives the inner and outer parts longitudinally towards the open position as the second cam surfaces (34) travel relatively along the first cam surfaces (32).



No. of Pages: 32 No. of Claims: 37

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYNTHESIS OF A NEUROSTIMULATIVE PIPERAZINE

 (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 	:C07D :61/236,477 :24/08/2009	(71)Name of Applicant: 1)NEURALSTEM INC. Address of Applicant:9700 Great Seneca Highway Rockville Maryland 20850 United States of America U.S.A. (72)Name of Inventor: 1)VENKATRAMAN Sripathy 2)MAHMOOD Syed 3)MOBELE Bingidimi I. 4)LAPINA Olga 5)VERCOE Kellie 6)LI Ying 7)SALSBURY Jonathan 8)MCLAWS Mark
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(57) Abstract:

The invention describes an improved synthesis for piperazine derivatized with nicotinic acid and a benzyl moiety. The product compounds are useful for treatment of neurological conditions.

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

(21) Application No.2371/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CURTAIN WALL UNIT AND CURTAIN 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 Filing Date 	:G01K :2009-270584 :27/11/2009 :Japan :PCT/JP2010/065248 :06/09/2010 : NA :NA :NA	(71)Name of Applicant: 1)LIXIL CORPORATION Address of Applicant:1-1 Ojima 2-chome Koto-ku Tokyo 136-8535 Japan Japan (72)Name of Inventor: 1)Kenji TAKAHASHI 2)Shigeki HIGUCHI 3)Jun ISORA
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(57) Abstract:

The present invention provides a curtain wall unit which is capable of preventing a short circuit and which also has an excellent external appearance.

No. of Pages: 44 No. of Claims: 3

(21) Application No.2444/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BUCKET AND WORK 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 	:19/10/2010 :WO 2011/049061 :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant:2-3-6, AKASAKA, MINATO-KU, TOKYO 107-8414, JAPAN Japan (72)Name of Inventor: 1)TAKANORI NAGATA 2)KENICHI HIGUCHI 3)MASAKUNI UEDA 4)KOUZOU ISHIDA 5)DAIJIROU ITOU
- 13.555		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A bottom surface part (32) of a bucket (9) includes a first curved surface part (41) and a second curved surface part (42). The second curved surface part (42) is positioned closer to a back surface part than the first curved surface part (41) and is connected to the first curved surface part (41). A second curvature radius (R2) of the second curved surface part (42) is shorter than a first curvature radius (R1) of the first curved surface part (41). The center (01) of the curvature radius of the first curved surface part (41) is positioned to the outside of a main bucket body (21) when viewed from the side. In a horizontal state where an imaginary line (S1) is arranged horizontally and the bottom surface part (32) is positioned below the imaginary line (S1), the first curved surface part (41) is arranged along a reference curved surface (S2) or above the reference curved surface (S2) when viewed from the side. A connecting part (P2) between the first curved surface part (41) and the second curved surface part (42) is positioned more towards a lip part (35) than the portion (P3) of the bottom surface part (32) that is positioned lowest in the bottom surface part (32) in the horizontal state when viewed from the side.

No. of Pages: 44 No. of Claims: 8

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTI-LAYERED MELTBLOWN COMPOSITE AND METHODS FOR MAKING 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 Filing Date 	:B32B 27/02 :61/248,254 :02/10/2009 :U.S.A. :PCT/US2010/050950 :30/09/2010 :WO 2011/041575 :NA :NA :NA	(71)Name of Applicant: 1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant:5200 BAYWAY DRIVE, BAYTOWN, TX 77520-2101, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)GALEN C. RICHESON 2)ALISTAIR D. WESTWOOD 3)WILLIAM MICHAEL FERRY
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(57) Abstract:

Multilayer meltblown composites, articles made therefrom, and methods for making same. One method can include meltblowing a first material to form a first meltblown layer; meltblowing a second material to form a second meltblown layer; and meltblowing a third material to form a third meltblown layer, wherein each material is the same or different, each material includes at least one resin having a MFR of about 2,000 dg/min or less, as measured by ASTM D1238, 2.16 kg, 230°C, and at least one of the first, second, and third materials comprises an elastomer having a recovery of at least 70% after 100% deformation, as determined by ASTM D412.

No. of Pages: 50 No. of Claims: 24

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM AND METHOD FOR TRACKING AND REMOVING COATING FROM AN EDGE OF SUBSTRATE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date :21	71/244,524 2/09/2009 J.S.A. PCT/US2010/049657 1/09/2010 VO 2010/037921 NA JA	(71)Name of Applicant: 1)FIRST SOLAR, INC. Address of Applicant: 28101 CEDAR PARK BOULEVARD, PERRYSBURG, OH43551, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MICHAEL CATALANO 2)STEPHEN P MURPHY 3)STEVE DIDERICH
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(57) Abstract:

A method for removing coating from a substrate, the method comprising: locating an edge of a substrate; directing a laser beam along a first path to a first position on a surface of the substrate proximate to an edge of the substrate at an angle of incidence suitable to redirect the laser beam along a second path, through the substrate, to a second position on a second surface of the substrate corresponding to the located edge of the substrate, the second surface comprising a coating; and ablating at least a portion of coating at the second position on the second surface of the substrate.

No. of Pages: 25 No. of Claims: 26

(21) Application No.2306/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A FAN

(51) International classification	:F04D 25/08	(71)Name of Applicant:
(31) Priority Document No	:0919473.9	1)DYSON TECHNOLOGY LIMITED
(32) Priority Date	:06/11/2009	Address of Applicant :TETBURY HILL, MALMESBURY
(33) Name of priority country	:U.K.	WILTSHIRE, SN16 0RP UNITED KINGDOM U.K.
(86) International Application No	:PCT/GB2010/051793	(72)Name of Inventor:
Filing Date	:26/10/2010	1)GAMMACK, PETER DAVID
(87) International Publication No	:WO 2011/055134	2)DYSON, JAMES
(61) Patent of Addition to Application	:NA	3)SMITH, ARRAN GEORGE
Number	:NA	4)BROUGH, IAN JOHN
Filing Date	.11/1	5)TEYU, MON SHY
(62) Divisional to Application Number	:NA	6)MOHD. SALLEH, NOORHAZELINDA
Filing Date	:NA	

(57) Abstract:

A fan assembly for creating an air current includes an air inlet, an air outlet, an impeller, a motor for rotating the impeller to create an air flow passing from the air inlet to the air outlet, the air outlet comprising an interior passage for receiving the air flow and a mouth for emitting the air flow, the air outlet defining an opening through which air from outside the fan assembly is drawn by the air flow emitted from the mouth, a control circuit for controlling the motor, a remote control for transmitting control signals to the control circuit, and at least one magnet for attaching the remote control to the air outlet.

No. of Pages: 41 No. of Claims: 24

(21) Application No.2382/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : MULTI-TERMINAL POWER CONVERSION DEVICE, MULTI-TERMINAL POWER TRANSFER DEVICE, AND POWER NETWORKS 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 3/00 :2009-208744 :10/09/2009 :Japan :PCT/JP2010/005563 :10/09/2010 :WO 2011/030558 :NA :NA	(71)Name of Applicant: 1)RIKIYA ABE Address of Applicant:2-2-3, MIDORIGAOKA, NINOMIYAMACHI, NAKA-GU, KANAGAWA 2590132 JAPAN. Japan (72)Name of Inventor: 1)RIKIYA ABE
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(57) Abstract:

The present invention provides a multi-terminal power conversion device, a multi-terminal power transfer device, and a power network system which allows an existing power grid to be divided into a plurality of power grids that can be interconnected together and operated stably via existing or new transmission lines. An inter-power grid asynchronous interconnection network system includes a multi-terminal power conversion device characterized by connecting together a plurality of asynchronous power grids including a bulk power grid and controlling power so that the sum of inflow power and outflow power is zero. An intra-power grid synchronous network system includes a power apparatus control terminal device with means for controlling power for a power apparatus installed in an autonomous power grid. A plurality of inter-power grid asynchronous interconnection network systems are connected to an intra-power grid synchronous network system to integrate the power control with communication control. Thus, a power network system is constructed which enables power interchange between power apparatuses in different power grids and simultaneous and asynchronous power interchange between a plurality of power grids.

No. of Pages: 195 No. of Claims: 4

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRICALLY AND/OR THERMALLY INSULATED ANTI-FRICTION BEARING

 (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 	:F16C 19/52 :10 2009 056 349.0 :30/11/2009 :Germany :PCT/EP2010/066215 :27/10/2010 :WO 2011/064061 :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant:INDUSTRIESTRASSE 1-3, 91074 HERZOGENAURACH, GERMANY Germany (72)Name of Inventor: 1)LUDWIG WINKELMANN 2)GUDRUN MARTIN 3)JURGEN WINDRICH
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(57) Abstract:

(EN)The invention relates to an anti-friction bearing (1) having an outer ring (3) and an inner ring (4) and rolling bodies (6) which are arranged between them distributed over the circumference and which roll on them. For the simple increase of the thermal insulation, the electrical insulation and the like, according to the invention a film section (8) which is manufactured without the removal of material from a plastic film is attached on the outer circumference (7) of the outer ring (3) over at least part of its axial width and at least over part of the outer circumference (7).

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

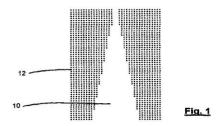
(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FLUIDICS APPARATUS AND FLUIDICS SUBSTRATE

(51) International classification	:B01J 19/00	(71)Name of Applicant:
(31) Priority Document No	:0914762.0	1)THE UNIVERSITY COURT OF THE UNIVERSITY OF
(32) Priority Date	:24/08/2009	GLASGOW
(33) Name of priority country	:U.K.	Address of Applicant :GILBERT SCOTT BUILDING,
(86) International Application No	:PCT/GB2010/001600	UNIVERSIY AVENUE, GLASGOW G12 8QQ, UNITED
Filing Date	:24/08/2010	KINGDOM U.K.
(87) International Publication No	:WO 2011/023949	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)WILSON, RAB
Number		2)COOPER, JONATHAN M.
Filing Date	:NA	3)REBOUD, JULIEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fluidics apparatus is disclosed for manipulation of at least one fluid sample, typically in the form of a droplet. The apparatus has a substrate surface with a sample manipulation zone for location of the fluid sample. A transducer arrangement such as an interdigitated electrode structure on a piezoelectric body provides surface acoustic waves at the substrate surface for manipulation of the fluid sample. The substrate surface has an arrangement of surface acoustic wave scattering elements forming a phononic crystal structure for affecting the transmission, distribution and/or behaviour of surface acoustic waves at the substrate surface. Also disclosed is a method for lysing a cell. In this method, the cell is comprised in a fluid sample contacting a substrate surface, the method comprising providing surface acoustic waves at the substrate surface, such that the cell lyses.



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

(21) Application No.2312/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR MAKING ALUMINOSILICATE ZSM-12

 (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 	:C01B 39/42 :12/622,680 :20/11/2009 :U.S.A. :PCT/US2010/057354 :19/11/2010 :WO 2011/063189 :NA :NA :NA	(71)Name of Applicant: 1)CHEVRON U.S.A. INC. Address of Applicant:6001 BOLLINGER CANYON ROAD, SAN RAMON, CA 94583, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BURTON, ALLEN, W. 2)DAVIS, TRACY, M.
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(57) Abstract:

An aluminosilicate ZSM-12 may be prepared de novo in a small crystalline form from a reaction mixture containing a source of silica and a source of alumina. A small crystalline form of aluminosilicate ZSM-12 may also be prepared from a small crystalline form of borosilicate ZSM-12 by replacement of boron in the borosilicate ZSM-12 framework with aluminum. The aluminosilicate ZSM-12 is useful as an isomerization selective catalyst in processes such as isomerization dewaxing hydrocarbon feedstocks. FIG. 1

No. of Pages: 37 No. of Claims: 10

(21) Application No.2313/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF PURIFYING SILICON UTILIZING CASCADING PROCESS

 (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 	:C01B 33/037 :61/235,861 :21/08/2009 :U.S.A. :PCT/CA2010/001288 :20/08/2010 :WO 2011/020197 :NA :NA :NA	(71)Name of Applicant: 1)CALISOLAR, INC. Address of Applicant:985 ALMANOR AVENUE, SUNNYVALE, CALIFORNIA 94085-2903, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)TURENNE, ALAIN 2)NICHOL, SCOTT 3)SMITH, DAN
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(57) Abstract:

The present invention relates to a method of purifying a material using a metallic solvent. The present invention includes a method of purifying silicon utilizing a cascade process. In a cascade process, as the silicon moves through the purification process, it contacts increasingly pure solvent metal that is moving through the process in an opposite direction.

No. of Pages: 61 No. of Claims: 45

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: STRAND FOR SAW WIRE AND MANUFACTURING 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 	:C12C 38/00 :2010-89590 :08/04/2010 :Japan :PCT/JP2011/058807 :07/04/2011 :WO 2011/126073 :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN Japan (72)Name of Inventor: 1)TOSHIMI TARUI 2)KENICHI NAKAMURA 3)MASASHI SAKAMOTO
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(57) Abstract:

Regarding contents of C, Si, Mn and Cr, a value of parameter P represented by the following (equation 1) is 1000 or more. A metallic structure contains wire-drawn pearlite in an area ratio of 98% or more, a diameter is 0.05 mm to 0.18 mm, a tensile strength is 4000 MPa or more, and a twist number in a twist test in which a grip-to-grip distance is 100 mm, and a tension equal to a tensile strength — a cross-sectional area of wire — 0.5 is applied, is 5 or more . $P = 1098 \times [C] + 98 \times [Si] - 20 - [Mn] + 167 - [Cr] ...$ (equation 1) (in the (equation 1), [C], [Si], [Mn] and [Cr] indicate contents (mass%) of C, Si, Mn and Cr, respectively.)

No. of Pages: 78 No. of Claims: 12

(21) Application No.2385/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SIDE LOOPER

 (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 	:17/09/2010 :WO 2011/059566 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS INDUSTRY, INC. Address of Applicant: 3333 OLD MILTON PARKWAY, ALPHARETTA, GEORGIA 30005-4437, U.S.A. U.S.A. (72)Name of Inventor: 1)MICHAEL T SHORE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A side looper comprises an entry- guide for directing a longitudinally moving long product into an arcuate path, an exit guide for receiving the product exiting from the arcuate path, and inner and outer guide walls arranged between the entry and exit guides. The guide walls are adjustable between mutually spaced closed positions fixing the curvature of the arcuate path, and open positions allowing the curvature of the arcuate path to either increase or decrease.

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

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: X-MIMO SYSTEMS WITH MULTI-TRANSMITTERS AND MULTI-RECEIVERS

 (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 16/24 :61/245,339 :24/09/2009	(71)Name of Applicant: 1)RESEARCH IN MOTION LIMITED, Address of Applicant:295 PHILLIP STREET, WATERLOO, ONTARIO, N2L 3W8, CANADA Canada (72)Name of Inventor: 1)MOHAMMAD MADDAH-ALI 2)SEYED ABOLFAZL MOTAHARI 3)AMIR KHANDANI 4)MOHAMMADHADI BALIGH 5)MING JIA 6)JIANGLEI MA 7)PEIYING ZHU 8)WEN TONG
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(57) Abstract:

(EN)A method and apparatus for transmitting and receiving a wireless transmission of a plurality of data streams in a wireless communication system having a plurality of nodes is disclosed. Each node has multiple antennas. The method involves receiving first and second data streams from respective first and second nodes at a receiver node, causing the receiver node to generate a receive filter for decoding each of the received data streams, and causing the receiver node to transmit receive filter information for each of the first and second data streams, the receive filter information facilitating precoding of the first and second data streams for simultaneous transmission within a common frequency band to the receiver node.

No. of Pages: 53 No. of Claims: 21

(22) Date of filing of Application :21/03/2012

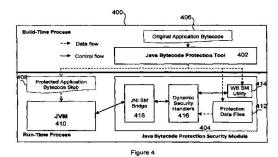
(43) Publication Date: 21/08/2015

(54) Title of the invention : SYSTEM AND METHOD TO PROTECT JAVA BYTECODE CODE AGAINST STATIC AND DYNAMIC ATTACKS WITHIN HOSTILE EXECUTION ENVIRONMENTS

(32) Priority Date :13/11/2009 Addition (33) Name of priority country :U.S.A. OTTA (86) International Application No :PCT/CA2010/001761 (72)N Filing Date :12/11/2010 1)G (87) International Publication No :WO 2011/057393 2)A	1)IRDETO CANADA CORPORATION Address of Applicant :2500 SOLANDT ROAD, SUITE 300, TTAWA, ONTARIO, K2K 3G5 (CA) Canada 2)Name of Inventor: 1)GU, YUAN, XIANG 2)ADAMS, GARNEY 3)RONG, JACK
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(57) Abstract:

A method and system that provides secure modules that can address Java platform weaknesses and protect Java bytecode during execution time. The secure modules are implemented in C/C++ as an example. Because implementation of the security modules is made in C/C++, this enables use of security technology that secures C/C++ software code.



No. of Pages: 62 No. of Claims: 46

(22) Date of filing of Application :20/03/2012

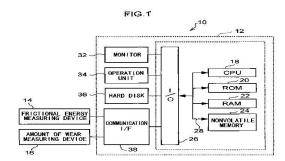
(43) Publication Date: 21/08/2015

(54) Title of the invention : TIRE RUBBER INDEX CALCULATING METHOD, DEVICE, AND COMPUTER-READABLE STORAGE MEDIUM

(51) International classification (71)Name of Applicant: :G01N 3/56 (31) Priority Document No 1)BRIDGESTONE CORPORATION :2009-194161 (32) Priority Date Address of Applicant: 10-1, KYOBASHI 1-CHOME, CHUO-:25/08/2009 (33) Name of priority country KU, TOKYO 104-8340, JAPAN. Japan :Japan (86) International Application No :PCT/JP2010/064423 (72)Name of Inventor : Filing Date :25/08/2010 1)KURAMOTO YUSUKE (87) International Publication No :WO 2011/024877 2)SHIBATA TOMONORI (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A rubber index calculating device (12) measures, by a frictional energy measuring device (14), frictional energies of a tire in plural tire input conditions applied to the tire on the basis of the shear force and the slippage of a tire contact patch, measures, by the frictional energy measuring device (14), frictional energies of a sample of the same material as the tire in sample input conditions that have been set on the basis of the frictional energies of the tire in the tire input conditions that were measured, and sets a measurement conditions for measuring amounts of wear of the sample on the basis of the frictional energies of the tire in the tire input conditions that were measured and the frictional energies of the sample in the tire input conditions that were measured, measures, by an amount of wear measuring device (16), the amounts of wear of the sample in the measurement conditions that were set, and calculates the rubber index of the tire on the basis of the frictional energies and the amounts of wear of the sample that were measured.



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

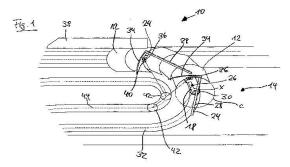
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PASSENGER CONVEYOR WITH MOVABLE LATERAL PANEL MEMBERS

 (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 	:B66B 21/10 :NA :NA :NA :PCT/IB2009/007144 :16/10/2009 :WO 2011/045626 :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: TEN FARM SPRINGS ROAD, FARMINGTON, CONNECTICUT 06032, U.S.A. U.S.A. (72)Name of Inventor: 1)TUREK ALEXANDER 2)ENGELKE BERNWARD 3)SENGER ALOIS 4)GSCHWENDTNER GERO 5)LINDEMEIER DETLEY
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A passenger conveyor (10), comprises: an endless tread band, the endless tread band comprising a plurality of treads (24), at least one endless drive chain (26), the drive chain (26) being driven around a first and a second turnaround section (14) by means of a drive, the drive chain (26) comprising a plurality of drive chain links (18), each of the drive chain links (18) having asso-ciated thereto a respective drive chain roller (30), consecutive of the drive chain links (18) being connected via the drive chain rollers (30), a plurality of the treads (24) being connected to the drive chain (26), and at least one panel member (12) located on a lateral side of the treads (24) such as to be movable with respect to the treads (24), the at least one panel member (12) being sup-ported such as to remain stationary with respect to one of the drive chain links (18), wherein each of the treads (24) is associated with a plurality of consecu—tive panel members (12).



No. of Pages: 40 No. of Claims: 22

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SOUVENIR COLLECTING MULTI PURPOSE WIND RESISTANT BEACH TOWEL WITH HIDDEN POCKETS

 (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 	:01/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)ALPHA SUN & SPORT AS&S LLC Address of Applicant: 2851 S. Ocean Blvd. Ste 6V Boca Raton Florida 33432 United States of America. U.S.A. (72)Name of Inventor: 1)Alan MCBREARTY
Filing Date	:NA :NA	

(57) Abstract:

A wind-resistant souvenir-collecting beach towel with hidden pockets has a towel portion c compartment at one end of the towel portion an opening accessible from the underside of the beach towel opposite the edge of the end of the towel portion where the compartment is and a souvenir receiving portion forming a perimeter around the towel portion and having apertures where ball bungee cords and pegs are secured. The compartment has a top and a bottom layer and is attached to the underside of the towel portion and has hidden pockets. Some of the hidden pockets have openings recessed from an outside edge of the compartment such that the opening is not exposed to the environment and is not visible to passersby and one of the hidden pockets is accessible only through the opening.

No. of Pages: 22 No. of Claims: 21

(22) Date of filing of Application :21/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: FLANGE SEALING SYSTEM

(51) International classification	:H02B	(71)Name of Applicant:
(31) Priority Document No	:2009904213	1)Christiaan Phillipus STRYDOM
(32) Priority Date	:03/09/2009	Address of Applicant :3 Kuri Green Ballajura Western
(33) Name of priority country	:Australia	Australia 6066 Australia. Australia
(86) International Application No	:PCT/AU2010/001118	(72)Name of Inventor:
Filing Date	:31/08/2010	1)Christiaan Phillipus STRYDOM
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.2481/DELNP/2012 A

(57) Abstract:

(19) INDIA

A sealing element is provides a fluid tight seal between pipe end flanges of adjoining pipes in a flange sealing system. The sealing system also uses a centering ring surrounding and locating the sealing element relative to the pipe end flanges which is discontinuous in a circumferential direction of the centering ring between two ends of the centering ring which are disconnected from one another in a mounted position between the pipe end flanges so that the centering ring can be flexed to replace the sealing element therein upon removal from the pipe end flanges. The centering ring has an inner circumference in the form of a concave wedge-shaped edge and the sealing element has a wedge-shaped cross-section in the form of a convex wedge-shaped edge arranged to be received in the concave wedge-shaped edge of the centering ring.

No. of Pages: 36 No. of Claims: 21

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: OPTICAL FLUE GAS MONITOR AND CONTROL

(51) International classification(31) Priority Document No	:F23D 1/02 :12/545134	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD.
(32) Priority Date(33) Name of priority country	:21/08/2009 :U.S.A.	Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND. Switzerland
(86) International Application No	:PCT/US2010/042711	(72)Name of Inventor:
Filing Date (87) International Publication No	:21/07/2010 :WO 2011/022158	1)TANCA MICHAEL CHRIS
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A plurality of optical monitoring systems 220,320 sense the concentration of at least one constituent in flue gasses of a furnace 1 and its emission control devices. The monitoring devices 220,320 includes at least one optical source 221 for providing beams 223 through a sampling zone 18 to create a combined signal indicating the amount of various constituents within the sampling zone 18. The combined signal may be fed forward to emission control devices to prepare them for oncoming emissions. The combined signals may also feed backward to adjust the emission control devices. They may also be provided to a control unit 230 to control stoicheometry of the burners of furnace 1. This results in a more efficient system that reduces the amount of emissions released.

No. of Pages: 27 No. of Claims: 21

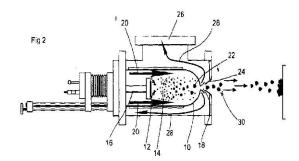
(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PRODUCTION OF NANOPARTICLES

(51) International classification	:H01J 37/34	(71)Name of Applicant:
(31) Priority Document No	:0916509.3	1)MANTIS DEPOSITION LIMITED
(32) Priority Date	:21/09/2009	Address of Applicant :2 GOODSON INDUSTRIAL MEWS
(33) Name of priority country	:U.K.	WELLINGTON STREET, THAME, OXFORDSHIRE OX9 3BX,
(86) International Application No	:PCT/GB2010/001748	UNITED KINGDOM U.K.
Filing Date	:17/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/033266	1)ALISTAIR, KEAN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

We have found that a pulsed DC supply is surprisingly beneficial in the use of sputter deposition for creating nanoparticles. The deposition rate is increased, and the particle size can be tuned so that it clusters around a specific value. A method of sputter deposition is, therefore disclosed, comprising the steps of providing a magnetron, a sputter target, and an AC power supply or a pulsed DC power supply for the magnetron, sputtering particles from the sputter target into a chamber containing an inert gas, allowing the particles to coalesce into nanoparticles, and controlling the frequency of said AC power supply or said pulsed DC power supply to take one of a plurality of frequency values, each frequency value corresponding to a respective size distribution of said nanoparticles. The power supply frequency is preferably between 75kHz and 150kHz as this appears to yield optimal results. A corresponding apparatus for generating nanoparticles is also disclosed.



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

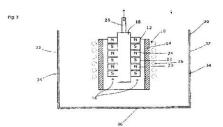
(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PRODUCTION OF NANOPARTICLES

(51) International classification	:H01J 37/34	(71)Name of Applicant:
(31) Priority Document No	:0916510.1	1)MANTIS DEPOSITION LIMITED
(32) Priority Date	:21/09/2009	Address of Applicant :2 GOODSON INDUSTRIAL MEWS
(33) Name of priority country	:U.K.	WELLINGTON STREET, THAME, OXFORDSHIRE OX9 3BX,
(86) International Application No	:PCT/GB2010/001754	UNITED KINGDOM U.K.
Filing Date	:17/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/033268	1)ALLERS, LARS
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus for the production of nanoparticles is disclosed, comprising a chamber, a magnetron located within the chamber and comprising a cylindrical target having at least an outer face of the material to be deposited and a hollow interior, a source of magnetic flux within the hollow interior arranged to present magnetic poles in a direction that is radially outward with respect to the 'cylindrical target, and a drive arrangement for imparting a relative motion in an axial direction to the target and the source of magnetic flux, the chamber having at least one aperture and being located within a volume of relatively lower gas pressure compared to the interior of the chamber. The chamber is preferably substantially cylindrical, and is ideally substantially co-axial with the target so as to offer a symmetrical arrangement. The motion of the target means that the erosion of its active surface is spread over a wider area, rather than being concentrated in local regions. This allows more efficient use of the target material. The motion of the target is preferably a reciprocating one. Generally, it is easier if the source of magnetic flux remains stationary and the target moves, but other arrangements are possible.



No. of Pages: 14 No. of Claims: 11

(21) Application No.292/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MULTI-LEVEL ORGANIC RANKINE CYCLE POWER 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 	:09/06/2010 : NA :NA :NA	(71)Name of Applicant: 1)ORMAT TECHNOLOGIES INC. Address of Applicant: 6225 Neil Road Suite 300 Reno NV 89511-1136 United States of America U.S.A. (72)Name of Inventor: 1)KAPLAN Uri 2)SINAI Joseph 3)BRONICKI Lucien Y.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A waste heat recovery system includes a high pressure turbine and a low pressure turbine in which the high pressure turbine receives high pressure working fluid vapor the low pressure turbine receives low pressure working fluid vapor and the high pressure turbine also supplies low pressure working fluid vapor to the low pressure turbine. A recuperator receives working fluid vapor from the low pressure turbine. The recuperator produces heated condensate at least a portion of which is provided to a high pressure vaporizer. The high pressure vaporizer is configured to receive from a high temperature heat source and produces high pressure working vapor used to power the high pressure turbine. The remaining condensed fluid is provided to a low pressure vaporizer which is configured to receive heat from a low- temperature heat source thereby producing low pressure working fluid vapor used to power the low pressure turbine.

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

(21) Application No.2326/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PACKAGING FOR GUMMY SUBSTRATUM

 (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 	:20/09/2010 :WO 2011/035223 :NA	(71)Name of Applicant: 1)CAO GROUP, INC. Address of Applicant: 4628 W. SKYHAWK DRIVE, WEST JORDAN, UT 84084, U.S.A. U.S.A. (72)Name of Inventor: 1)JENSEN, STEVEN, D. 2)CAO, DENSEN
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Implementations of the present invention include methods, devices, and systems that provide effective packaging items with at least one gummy surface. In particular, implementations of the present invention provide a package for items with a gummy surface that does not require a separate liner to be placed on the gummy surface. In example implementations, the package includes inadhesive polymers such that the item can be removeably adhered to a portion of the package.

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

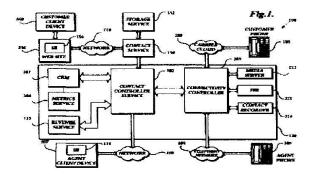
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEM AND METHODS FOR CUSTOMER CONTACT

		(71)Name of Applicant:
(51) International classification	:H04M 3/00	1)AMAZON TECHNOLOGIES, INC.
(31) Priority Document No	:12/547,387	Address of Applicant :P.O. BOX 8102, RENO, NEVADA
(32) Priority Date	:25/08/2009	89507 U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/046647	1)JAY, JON, R.
Filing Date	:25/08/2011	2)DASHE, JEREMY, A.
(87) International Publication No	:WO 2011025824	3)JUDKINS, BROCK, A.
(61) Patent of Addition to Application	.NI A	4)KAUFMAN, DONALD, L.
Number	:NA	5)LIN, YUNG-CHUN
Filing Date	:NA	6)SHARPE, RAYMAOND, P.
(62) Divisional to Application Number	:NA	7)SULLIVAN, JOSEPH, D.
Filing Date	:NA	8)WEILAND, THOMAS, J.
-		9)KIDWAI, TAUSEEF

(57) Abstract:

A user of a personal computing device may identify an item of interest displayed in a user interface provided by a network-based service and would like to obtain more information. The user may submit one or more electronic contact requests to a contact service in communication with a contact distribution system in order to obtain more information. The contact distribution system determines accurate, real-time availability of service agents and enables communications between the customer and an agent to be established in accordance with user contact information provided by the user.



No. of Pages: 52 No. of Claims: 16

(21) Application No.2472/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

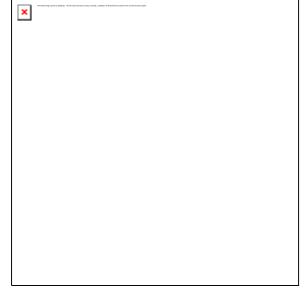
(43) Publication Date: 21/08/2015

(54) Title of the invention: MEDIA RECORD/PLAY DEVICE AND MEDIA RECORD/PLAY 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 	:G11B 20/12 :2010-028393 :12/02/2010 :Japan :PCT/JP2010/061864 :14/07/2010 :WO 2011/099182 :NA :NA :NA	(71)Name of Applicant: 1)HITACHI CONSUMER ELECTRONICS CO., LTD. Address of Applicant: 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN Japan (72)Name of Inventor: 1)AKAHOSHI KENJI
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(57) Abstract:

In the case where a spare area management method using an NAP of a spare area on a recordable medium is applied to a spare area management method of a spare area on a rewritable medium, in order to alleviate a recording stop caused by retry over in a replacement process or unnecessary conversion processes in a record/ reproduce device, the NAP is updated in a format process or in the replacement process in such a way as to avoid defective blocks within the spare area which is registered as Unusable Cluster or Usable Cluster Type 2 entries on the DFL.



No. of Pages: 35 No. of Claims: 33

(21) Application No.2473/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : EQUIPMENT FOR QUICK DISPERSION OF POLYACRYLAMIDE POWDER FOR FRACTURING OPERATING

 (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 	:23/10/2009 :WO 2011/020698 :NA :NA :NA	(71)Name of Applicant: 1)S.P.C.M. SA Address of Applicant: ZAC DE MILIEUX, F-42160 ANDREZIEUX BOUTHEON, FRANCE France (72)Name of Inventor: 1)NICHOLS PETER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Compact and transportable installation, quick to start up and independent, allowing to dissolve at high concentration, in very short periods of time, substantial quantities of polyacrylamide powder and designed to be used in fracturing operations on gas or oil fields whereby the installation successively includes: - a polymer storage area - a vertical polymer transfer hopper - a supply overflow pipe feeding - a polymer dosing system fed by the above pipe - a PSU type polymer dispersion device - a tank for storage and degassing of the polymer in solution - a volumetric pump to inject and dose the solution of polymer obtained at the suction of the high pressure pump enabling the fracturing work.

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

(21) Application No.3243/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CIRCUIT BREAKER WITH INPUT LOAD INCREASING MEANS

 (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 	:10-2013- 0140834 :19/11/2013	(71)Name of Applicant: 1)LSIS CO., LTD Address of Applicant:127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Seong Yeol CHO
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(57) Abstract:

A circuit breaker comprises a switching mechanism that including a linkage with a drive joint that is mounted to be rotatable around a rotation axis by a driving force, wherein, during the ON operation, an axis formed by the rotation axis and the point of action of the driving force makes an acute angle with the line of action of the driving force, so that the drive joint causes the tangential force of the driving force to act as input load, at least one hinge part of the linkage is configured in a way that the connecting pin is movably hinged to the long hole shaped hinge hole, and at least one hinge part of the linkage causes the tangential force to increase by changes in the acute angle as the connecting pin moves from a first side of the long hole-shaped hinge hole to a second side.

No. of Pages: 40 No. of Claims: 7

(21) Application No.2379/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ORAL SUSPENSION FORMULATIONS OF ESCLICARBAZEPINE ACETATE

(51) International classification	:A61K 31/55	(71)Name of Applicant:
(31) Priority Document No	:61/241,195	1)BIAL-PORTELA & C.A, SA.
(32) Priority Date	:10/09/2009	Address of Applicant : A' AV. DA SIDERURGIA
(33) Name of priority country	:U.S.A.	NACIONAL 4745-457 S. MEMEDE DO CORONADO
(86) International Application No	:PCT/PT2010/000038	PORTUGAL, PT. Portugal
Filing Date	:10/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/031176	1)VASCONCELOS, TE' OFILO CARDOSO DE.
(61) Patent of Addition to Application	:NA	2)SANTOS LIMA, RICARDO JORGE DOS.
Number	:NA	3)CAMPOS COSTA, RUI CERDEIRA DE.
Filing Date	.11/1	4)COSTA BARROCAS, PEDRO MIGUEL DA.
(62) Divisional to Application Number	:NA	5)CASTRO PEREIRA, LIGIA SOFIA DE.
Filing Date	:NA	

(57) Abstract:

An oral suspension formulation comprising eslicarbazepine acetate and a pharmaceutically acceptable liquid vehicle.

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

(22) Date of filing of Application :21/03/2012

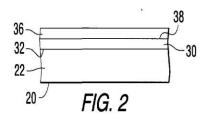
(43) Publication Date: 21/08/2015

(54) Title of the invention: NON-ORTHOGONAL COATER GEOMETRY FOR IMPROVED COATINGS ON A 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 	:C23C 16/44 :12/572,317 :02/10/2009 :U.S.A. :PCT/US2010/045562 :16/08/2010 :WO 2011/041030 :NA :NA	(71)Name of Applicant: 1)PPG INDUSTRIES OHIO, INC. Address of Applicant: 3800 WEST 143RD STREET, CLEVELAND, OHIO 44111, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MCCAMY, JAMES W. 2)SOPKO, JOHN F.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A coating apparatus includes non-orthogonal coater geometry to improve coatings on a glass ribbon, and to improve yields of such coatings. The apparatus includes a first arrangement to move the ribbon along a first imaginary straight line (23) through a coating zone provided in a glass forming chamber. The coater has a coating nozzle (80) and an exhaust slot, (83) each have a longitudinal axis. The coating nozzle (80) directs coating vapors toward the coating zone, and the exhaust slot (82) removes vapors from the coating zone. A second arrangement mounts the coater in spaced relation to the path with the coating nozzle (80) and the exhaust slot (82) facing the coating zone. A second imaginary straight line (94) is normal to the longitudinal axis of the coating nozzle (80), and the first imaginary line (23) and the second imaginary line (94) suspend an angle in the range of greater than zero degrees to 90 degrees.



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

(22) Date of filing of Application :21/03/2012

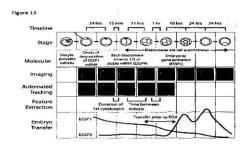
(43) Publication Date: 21/08/2015

(54) Title of the invention: IMAGING AND EVALUATING EMBRYOS, OOCYTES, AND STEM CELLS

(51) International classification	:G01N 33/68	(71)Name of Applicant:
(31) Priority Document No	:61/236,085	1)THE BOARD OF TRUSTEES OF THE LELAND
(32) Priority Date	:22/08/2009	STANFORD JUNIOR UNIVERSITY
(33) Name of priority country	:U.S.A.	Address of Applicant :1705 EI CAMINO REAL, PALO
(86) International Application No	:PCT/US2010/046343	ALTO, CALIFORNIA 94306, U.S.A. U.S.A.
Filing Date	:23/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/025736	1)WONG, CONNIE, C.
(61) Patent of Addition to Application	:NA	2)LOEWKE, KEVIN E.
Number	:NA	3)BAER, THOMAS M.
Filing Date	.IVA	4)REIJO-PERA, RENEE A.
(62) Divisional to Application Number	:NA	5)BEHR, BARRY
Filing Date	:NA	

(57) Abstract:

Methods, compositions and kits for determining the developmental potential of one or more embryos or pluripotent cells and/or the presence of chromosomal abnormalities in one or more embryos or pluripotent cells are provided. These methods, compositions and kits find use in identifying embryos and oocytes in vitro that are most useful in treating infertility in humans. Figure 13



No. of Pages: 118 No. of Claims: 30

(21) Application No.293/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 10/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR SWITCHING MAIN BOARD AND STANDBY BOARD

 (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 	:H01S :200910150269.7 :24/06/2009 :China :PCT/CN2010/0702139 :23/04/2010 : NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan District Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)FANG Yu;
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

METHOD AND SYSTEM FOR SWITCHING MAIN BOARD AND STANDBY BOARD A method and system for switching a main board and a standby board are disclosed. The method comprises: determining one MCU of the plurality of MCUs in the main board as a first main MCU and remaining MCUs as auxiliary MCUs, and determining one MCU of the plurality of MCUs in the standby board as a second main MCU and remaining MCUs as auxiliary MCUs; determining, by the first main MCU, a fault grade of the main board according to faults in the auxiliary MCUs of the main board and faults in the first main MCU; determining, by the first main MCU, a fault grade of the standby board according to faults in the auxiliary MCUs of the standby board and faults in the second main MCU reported by the second main MCU; switching the main board and the standby board according to the fault grade of the standby board and the fault grade of the main board. The switching of the main board and the standby board that comprise respectively a plurality of MCUs is simplified according to the invention.

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

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TRIP DEVICE FOR CIRCUIT BREAKER

 (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 	:Republic of Korea :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)LSIS CO., LTD. Address of Applicant: 127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Kyung Hwan OH
• •		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A trip device for a circuit breaker comprises a first terminal; a second terminal; and a bimetal in which a slot with one side opened is formed at one end 5 of the bimetal, the one end is divided into a first end portion and a second end portion, the first end portion is connected to the first terminal, and the second end portion is connected to the second terminal, wherein the bimetal generates heat with a current which flows between the first end portion and the second end portion, and a heating amount of the bimetal is changed based on a length of the 10 slot. Accordingly, a desired rated current can be set, the bimetal can be prevented from being damaged by a fault current, and the fault current can be effectively detected by obtaining a sufficient amount of heat and a bending amount of the bimetal.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :20/03/2012

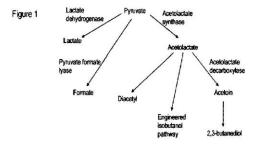
(43) Publication Date: 21/08/2015

(54) Title of the invention: IMPROVED FLUX TO ACETOLACTATE DERIVED PRODUCTS IN LACTIC ACID BACTERIA

(51) International classification	:C12NB 9/04	(71)Name of Applicant:
(31) Priority Document No	:61/246,717	1)BUTAMAX TM ADVANCED BIOFUELS LLC
(32) Priority Date	:29/09/2009	Address of Applicant :EXPERIMENTAL STATION
(33) Name of priority country	:U.S.A.	BUILDING 268, 200 POWER MILL ROAD, WILMINGTON,
(86) International Application No	:PCT/US2010/050705	DELAWARE 19880-0268, U.S.A. U.S.A.
Filing Date	:29/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/041402	1)PAUL, BRIAN, JAMES
(61) Patent of Addition to Application Number	:NA	2)SUH, WONCHUL
1 (01110 01	:NA	
Filing Date	37.1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An engineering method was developed to allow genetic modification and isolation of lactic acid bacteria cells that lack lactate dehydrogenase.and acetolactate decarboxylase activities. In cells with these modifications and an isobutanol biosynthetic pathway, improved production of isobutanol was observed.



No. of Pages: 243 No. of Claims: 22

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR SORTING RESISTANT SEED FROM A MIXTURE WITH SUSCEPTIBLE SEED

 (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 	:G01N 21/64 :12/571,534 :01/10/2009 :U.S.A. :PCT/US2010/051078 :01/10/2010 :WO 2011/041646 :NA :NA	(71)Name of Applicant: 1)PIONEER HI-BRED INTERNATIONAL, INC. Address of Applicant: 7100 NW 62ND AVENUE P.O. BOX 1014, JOHNSTON, IA 50131-1014, U.S.A. U.S.A. (72)Name of Inventor: 1)HUNTER JAMES L. 2)MANGOLD GREGORY KIM
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention generally relates to a novel method of sorting seed by providing a first seed population with a fluorescent indicator and a second seed population visually identical to the first seed population under standard operating conditions. The seed populations are combined to provide a combined seed population. A lamp having an output corresponding to the activation wavelength of the fluorescent indicator and a color sorting system are paired to count or separate the seed populations, as desired.

No. of Pages: 24 No. of Claims: 38

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(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 	:H04L 12/56 :2009-227502 :30/09/2009 :Japan :PCT/JP2010/005679 :17/09/2010 :WO 2011/039966 :NA	(71)Name of Applicant: 1)MURATA MACHINERY LTD Address of Applicant: 3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTA 601-8326 JAPAN Japan (72)Name of Inventor: 1)TANIMOTO YOSHIFUMI
(61) Patent of Addition to Application		

(57) Abstract:

In a relay server, a routing group information sharing unit shares routing group information, which is formed by grouping routing control points comprising two or more among a first relay server in a relay group, a second relay server in the relay group, a client terminal connected to the first relay server, and a client terminal connected to the second relay server, among the first relay server, the second relay server, the client terminal connected to the first relay server, and the client terminal connected to the second relay server. A routing session establishment unit establishes a routing session, which enables a communication packet to be routed via the routing control points, for each group indicated in the routing group information while referring to relay server information.

No. of Pages: 67 No. of Claims: 8

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPOUNDS AND COMPOSITIONS AS PROTEIN KINASE INHIBITORS

		(71)Name of Applicant:
(51) International classification	:C07D 401/14	1)IRM LLC
(31) Priority Document No	:61/238,073	Address of Applicant :131 FRONT STREET, P.O. BOX HM
(32) Priority Date	:28/08/2009	2899, HAMILTON HM LX, BERMUDA Bermuda
(33) Name of priority country	:U.S.A.	2)NOVARTIS AG
(86) International Application No	:PCT/US2010/046930	(72)Name of Inventor:
Filing Date	:27/08/2010	1)HUANG SHENLIN
(87) International Publication No	:WO 2011/025927	2)JIN XIANMING
(61) Patent of Addition to Application	:NA	3)LIU ZUOSHENG
Number		4)POON DANIEL
Filing Date	:NA	5)TELLEW JOHN E.
(62) Divisional to Application Number	:NA	6)WAN YONGQIN
Filing Date	:NA	7)WANG XING
-		8)XIE YONGPING

(57) Abstract:

The invention provides a novel class of compounds, pharmaceutical compositions comprising such compounds and methods of using such compounds to treat or prevent diseases or disorders associated with abnormal or deregulated kinase activity, particularly diseases or disorders that involve abnormal activation of B-Raf.

No. of Pages: 102 No. of Claims: 24

(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TYMPANIC MEMBRANE PRESSURE EQUALIZATION TUBE DELIVERY 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 	:A61F 11/00 :61/225,893 :15/07/2009 :U.S.A. :PCT/US2010/042128 :15/07/2010 :WO 2010/008948 :NA :NA :NA	(71)Name of Applicant: 1)ACCLARENT, INC. Address of Applicant:1525-B O'BRIEN DRIVE, MENLO PARK, CA 94025, U.S.A. U.S.A. (72)Name of Inventor: 1)GREG LIU 2)ROHIT GIROTRA 3)JOHN H. MORRISS 4)JULIE D. VRANY 5)HUNG V. HA 6)BRYAN KNODEL 7)JEFFREY A. WALKER 8)THOMAS DANIEL GROSS 9)MATHEW D. CLOPP 10)BERNARD H. ANDREAS
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(57) Abstract:

Systems and methods are provided for automatically forming an incision in a tympanic membrane of an ear and placing a tympanic membrane pressure equalization tube into the incision. The systems include a housing with a shaft extending therefrom. A mechanism is disposed within the housing. A distal end of the shaft is placed against a tympanic membrane, and the mechanism is triggered to causes the tympanic membrane to be automatically incised and dilated and a tympanic membrane pressure equalization tube to be placed in the dilated incision.

No. of Pages: 47 No. of Claims: 36

(21) Application No.3330/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROTATING MACHINE WITH IMPROVED COOLING.

 (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 	UNION :NA :NA : NA : NA :NA :NA	(71)Name of Applicant: 1)ALSTOM RENEWABLE TECHNOLOGIES Address of Applicant:82, AVENUE LEON BLUM, 38100 GRENOBLE, FRANCE, France (72)Name of Inventor: 1)BAUMEISTER, STEFAN 2)FRUTIGER, SIMON, ANDREAS
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a rotor for a rotating machine and more in particular, the present invention relates to component of the rotor. The present disclosure generally relates to an improved cooling configuration of a rotating machine. Unlike generally known arrangements, the solution proposed herein does not guide coolant fluid to parts which require cooling. Instead, the heat generated from the losses in the rotor pole is transferred to parts having favourable characteristics for establishing heat exchange.

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

(21) Application No.2338/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : ISOPROPYL ALCOHOL-PRODUCING BACTERIUM AND METHOD FOR PRODUCING ISOPROPYL ALCOHOL

Filing Date :13/09/	1)MITSUI CHEMICALS, INC. Address of Applicant :5-2, HIGASHI-SHIMBASHI 1- CHOME, MINATO-KU, TOKYO 1057117, JAPAN, Japan JP2010/065770 (72)Name of Inventor:
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(57) Abstract:

The present invention provides an isopropyl alcohol-producing Escherichia coli that includes at least a sucrose hydrolase gene that belongs to a sucrose non-PTS gene group, and an imparted or enhanced isopropyl alcohol production system, and an isopropyl alcohol production method of producing isopropyl alcohol from a sucrose-containing plant-derived raw material using the isopropyl alcohol-producing Escherichia coil.

No. of Pages: 40 No. of Claims: 10

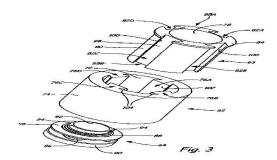
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ANVIL FOR FIBER ROVING CHOPPER

(51) International classification	:D01G 1/04	(71)Name of Applicant :
(31) Priority Document No	:61/263,469	1)GRACO MINNESOTA INC.
(32) Priority Date	:23/11/2009	Address of Applicant :88 11TH AVENUE NORTHEAST,
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MINNESOTA 55413-1894, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/003030	(72)Name of Inventor:
Filing Date	:23/11/2010	1)ROHRER JAMES H.
(87) International Publication No	:WO 2011/062644	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An anvil assembly for a fiber roving chopper comprises an annular roller and an annular anvil wheel. The annular roller comprises an inner diameter surface with a plurality of dovetails, and an outer diameter surface comprising a deformable material. The annular anvil wheel comprises an inner diameter surface forming a central bore for mounting the anvil assembly in the fiber roving chopper, and an outer diameter surface extending between a first end and a second end and having a plurality of dovetail slots that receive the plurality of dovetails.



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

(21) Application No.2483/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SPIRAL CONVEYOR SYSTEM AND 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 	:G01P :61/239,920 :04/09/2009 :U.S.A. :PCT/US2010/047698 :02/09/2010 : NA :NA	(71)Name of Applicant: 1)LAITRAM L.L.C. Address of Applicant: Legal Department 200 Laitram Lane Harahan Louisiana 70123 United States of America. U.S.A. (72)Name of Inventor: 1)Matthew J. JOHNSON
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A double-helix spiral conveyor (42) a method for conveying articles up and down a spiral conveyor and a method for constructing a drive drum for a spiral conveyor. The double-helix spiral conveyor (42) conveys articles on the conveyor up the inner side of a spiral drum by engaging the outer edge of the belt and down the outer side of the drum by engaging the inner edge of the belt. A slew drive at the bottom of the drum drives the conveyor.

No. of Pages: 46 No. of Claims: 33

(21) Application No.3345/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: WEAR PROGNOSIS METHOD AND MAINTENANCE METHOD

(51) International classification	:B28D7/00	(71) Name of Applicant
(31) International classification		(71)Name of Applicant:
(31) Priority Document No	:10 2013	1)WIRTGEN GMBH
(31) Thomas Document No	112 972.2	Address of Applicant :Reinhard-Wirtgen-Str. 2, 53578
(32) Priority Date	:25/11/2013	Windhagen, Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)SVEN PAULSEN
Filing Date	:NA	2)STEFAN WAGNER
(87) International Publication No	: NA	3)CYRUS BARIMANI
(61) Patent of Addition to Application Number	:NA	4)GNTER H"HN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a wear prognosis method and a maintenance method for an earth working machine. Provision is made that the current wear state of one or more earth working tools is sensed. According to the present invention the residual wear capacity until the wear limit is reached is then ascertained from the current wear state.

No. of Pages: 35 No. of Claims: 20

(21) Application No.3347/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROGRAMMABLE CONTROLLER

(51) International classification	:G06f	(71)Name of Applicant :
(31) Priority Document No	:2013- 260493	1)Kabushiki Kaisha Toshiba Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(32) Priority Date	:17/12/2013	Tokyo, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Tatsuo HIROTA
Filing Date	:NA	
(87) 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 programmable controller is provided with a CPU 2, an external device 4, an FPGA interface processing unit 3 composed of an FPGA, a CPU bus 15, and a bidirectional parallel transfer type external input/output bus 16, and the FPGA interface processing unit is provided with a normal interface processing circuit unit 14, and a comparison circuit unit 13, and the programmable controller is characterized in that an input signal before processing of the normal interface processing circuit 14 and a corresponding output signal after the processing are compared, and in the case of coincidence, the data after the processing is transmitted, and in the case of incoincidence, redetermination is performed, and in the case of coincidence, the data after the processing is transmitted, and in the case of incoincidence, correction data is transmitted, and thereby, the programmable controller performs self-diagnosis of the quality of an input/output processing operation of the FPGA interface processing unit, during execution of the control program.

No. of Pages: 24 No. of Claims: 4

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : CATALYST AND PROCESS FOR PREPARING ACROLEIN AND/OR ACRYLIC ACID BY DEHYDRATION REACTION OF GLYCERIN

 (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 	:B01J 23/30 :NA :NA :NA :PCT/JP2009/067115 :18/09/2009 :WO 2011/033689 :NA	(72)Name of Inventor: 1)YASUHIRO MAGATANI 2)KIMITO OKUMURA
Number Filing Date	:NA :NA	2)KIMITO OKUMURA 3)JEAN-LUC DUBOIS 4)JEAN FRANCOIS DEVAUX
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A catalyst composition comprising at least an heteropolyacid deposited on a porous titania carrier A catalyst com¬position comprising at least an heteropolyacid in which protons in the heteropolyacid may be partially exchanged by at least one cation selected from elements belonging to Group 1 to Group 16 of the Periodic Table of Elements that have been deposited on a porous titania carrier. A method for preparing the catalyst composition, comprising impregnating a titania carrier with a solution of at least one metal selected from elements belonging to the Group 1 to Group 16 of the Periodic Table of Elements or onium, dry¬ing and firing the resulting solid mixture, secondly impregnating the resulting solid mixture with a solution of heteropolyacid, dry¬ing, and firing the resulting solid mixture. A process for preparing acrolein and acrylic acid by dehydration of glycerin, carried out in the presence of the catalyst.

No. of Pages: 22 No. of Claims: 19

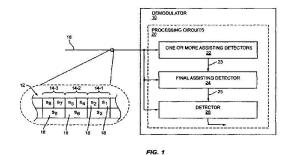
(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A METHOD AND APPARATUS FOR DETECTING A PLURALITY OF SYMBOL BLOCKS

(51) International classification	:H04L 25/03	(71)Name of Applicant:
(31) Priority Document No	:12/568,036	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:28/09/2010	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2010/054354	(72)Name of Inventor:
Filing Date	:28/09/2010	1)BOTTOMLEY, GREGORY E.
(87) International Publication No	:WO 2011/036652	2)WANG, YI-PIN ERIC
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Teachings presented herein offer reduced computational complexity for detecting a plurality of symbol blocks, even for symbol blocks that comprise the combination of a relatively large number of symbols. The teachings perform two or more stages of detection assistance to successively reduce the number of candidate combinations of symbols to be considered for a symbol block when detecting the plurality of symbol blocks. In particular, the teachings identify a reduced set of candidate symbol combinations for at least one symbol block m the plurality of symbol blocks, and then jointly detect each of one or more distinct groups of symbols in the symbol block to determine from that reduced set a final reduced set of candidate symbol combinations. Detection of the plurality of symbol blocks limits the candidate combinations of symbols considered for a symbol block to the final reduced set of candidate symbol combinations identified for that symbol block.



No. of Pages: 40 No. of Claims: 38

(21) Application No.2454/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD FOR PURIFICATION OF COLISTIN AND PURIFIED COLISTIN AND PURIFIED COLISTIN COMPONENTS

(51) International classification	:C07K 7/62	(71)Name of Applicant:
(31) Priority Document No	:61/256,344	1)XELLIA PHARMACEUTICALS APS
(32) Priority Date	:30/10/2009	Address of Applicant :DALSLANDSGATE 11, DK-2300
(33) Name of priority country	:U.S.A.	K~BENHAVN S, DENMARK, Denmark
(86) International Application No	:PCT/EP2010/064472	(72)Name of Inventor:
Filing Date	:29/09/2010	1)KOCH, TORBEN
(87) International Publication No	:WO 2011/051070	2)OVERBALLE-PETERSEN, CARSTEN
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention concerns a method of purifying colistin using reverse phase chromatography, wherein loading a column with colistin base in acetic acid and high ethanol concentration and eluting with low ethanol concentration is performed.

No. of Pages: 26 No. of Claims: 12

(22) Date of filing of Application :22/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: DEVICE FOR HOUSING CANNED BEVERAGES

(51) International classification	:F25D3/08	(71)Name of Applicant:
	:BR 10	1)WHIRLPOOL S.A.
(31) Priority Document No	2013	Address of Applicant : Avenida das Na§µes Unidas, 12.995 -
	030044 6	32° andar, Brooklin Novo , 04578-000 - S£o Paulo - SP, Brazil
(32) Priority Date	:22/11/2013	Brazil
(33) Name of priority country	:Brazil	(72)Name of Inventor:
(86) International Application No	:NA	1)HEINZLE Marcos
Filing Date	:NA	2)RODRIGUES JŠNIOR Rogrio
(87) International Publication No	: NA	3)FERREIRA Luiz Afranio Alves
(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 pertains to a device for housing cans, preferably, canned beverages, which is particularly applied to cooling apparatuses, such as refrigerators, 5 freezers, coolers in general, being comprised of technical, structural, constructive and functional characteristics capable of providing significant improvements and benefits in terms of use of internal spaces of a cooling compartment. More specifically, the present invention comprises a device for housing canned beverages formed by a base structure (11) endowed with salient flaps (12),in which the retractable supports (13) are incased, and these retractable supports (13) are incased cooperatively with the said salient flaps (12) by way of pivoting elements (14) responsible for promoting the opening and closing of the can housing device (10).

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

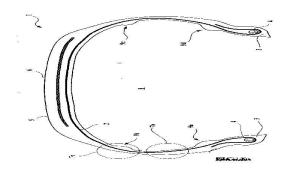
(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : TYRE COMPRISING LOW-PERMEABILITY CARCASS REINFORCING CORDS, AND VARIABLE THICKNESSES OF RUBBER COMPOUNDS

(57) Abstract:

The invention relates to a tyre having a radial carcass reinforcement, consisting of at least one layer of metal reinforcing elements, said tyre comprising a crown reinforcement, which is itself covered radially with a tread, said tread being joined to two beads via two sidewalls. According to the invention, the metal reinforcing elements of at least one layer of the carcass reinforcement are non-hooped cords having, in the permeability test, a flow rate of less than 20 cm3/min and, in a radial plane, at least over part of the meridian profile of the tyre, the thickness of the rubber compound between the inner surface of the cavity of the tyre and that point of a metal reinforcing element of the carcass reinforcement which is closest to said inner surface of the cavity of the tyre and that point of a metal reinforcing element of the carcass reinforcement which is closest to said inner surface of the cavity of two distinct parts of the tyre is greater than 1.15. FIG. la



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

(21) Application No.2460/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BIAS RELEASE CARTRIDGE

 (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 	:F16L 37/091 :12/603,121 :21/10/2009 :U.S.A. :PCT/US2010/053029 :18/10/2010 :WO 2011/049860 :NA :NA	(71)Name of Applicant: 1)BRASSCRAFT MANUFACTURING COMPANY Address of Applicant: 39600 ORCHARD HILL PLACE, NOVI, MICHIGAN 48375-5331 (U.S.A.) U.S.A. (72)Name of Inventor: 1)SCHUTTE, JOSEPH, P. 2)TURNAU, III, WILLIAM FRANKLIN 3)SANZONE, BRIAN, D. 4)YOURMAN, DERRY
- 141		4)YOURMAN, DERRY

(57) Abstract:

An apparatus for unsealing a pipe in a pipe assembly is disclosed. The apparatus has a seal for minimizing leakage from the pipe and a spring attaching to both the seal and the pipe assembly. If the seal is to be removed, a spring force of the spring acts against and moves the seal for removal of the seal.

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

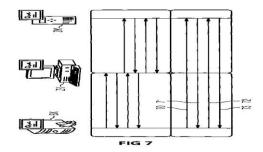
(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND DEVICE FOR SECURELY TRANSMITTING 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 	:H04L 29/06 :10 2009 051 383.3 :30/10/2009 :Germany :PCT/EP2009/062833 :02/09/2010 :WO 2011/051028 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant:WITTELSBACHERPLATZ 2 80333, MUNCHEN, GERMANY Germany (72)Name of Inventor: 1)FRIES STEFFEN 2)SEEWALD MAIK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and device (1) for securely transmitting data (D). To this end, a session concept is described, which uses cryptographic methods at the application level. While in conventional methods point-to-point connections can only be sufficiently secured at the transport level, according to the technical teaching provided integrity protection and confidentiality protection of data can now also be implemented at the application level. The method and the device (1) for securely transmitting data (D) are used in network technology. Fig: - 7



No. of Pages: 44 No. of Claims: 16

(22) Date of filing of Application :24/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SPINNING PREPARATION MACHINE HAVING A DRAFTING SYSTEM

(51) International classification	:d01h	(71)Name of Applicant:
(31) Priority Document No	:10 2013	1)Rieter Ingolstadt GmbH
(31) I Hority Document 140	113 314.2	Address of Applicant :Friedrich-Ebert-Strasse 84, 85055
(32) Priority Date	:02/12/2013	Ingolstadt, Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Michael Ueding
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a spinning preparation machine, particularly a drawframe, having at least one drafting system (2) for drafting a fiber composite (3), the drafting system (2) comprising a plurality of drafting system rollers (4) each rotating about an axis of rotation (6), and the spinning preparation machine (1) comprising at least one take-off device (5) connected downstream of the drafting system (2) in the transport direction (T) indicated and having at least one take-off element (8) rotationally supported about an axis of rotation (6) and able to be rotated by means of a drive (7). According to the invention, the take-off element (8) and/or the drive (7) thereof has an axis of rotation (6) skewed at least with respect to an axis of rotation (6) of at least one of the drafting system rollers (4).

No. of Pages: 26 No. of Claims: 14

(21) Application No.3403/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: HIGH-PERFORMANCE, BRUSHLESS ALTERNATOR

(51) International classification	:H02K19/38	(71)Name of Applicant :
	:BR 10	1)ZEIT COM‰RCIO E MONTAGEM DE
(31) Priority Document No	2013	EQUIPAMENTOS ELETRNICOS LTDA
	030975 3	Address of Applicant : AVENIDA IGUACU, 734
(32) Priority Date	:02/12/2013	REBOUCAS, CURITIBA, PARANA 80230-020, BRAZIL Brazil
(33) Name of priority country	:Brazil	(72)Name of Inventor:
(86) International Application No	:NA	1)BELTRAMIN, SIDARTA FORNARI
Filing Date	:NA	
(87) 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 refers to an alternator of the brushless kind, which has high performance and can be applied to diverse areas, such as small scale power generators to hydroelectric plants. The high-performance, brushless alternator that is the object of the present invention is especially suitable for applications in train locomotives.

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FULLY AUTOMATIC COUPLER FOR EXCAVATOR ARM

 (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 	:E02F 3/36 :0916352.8 :17/09/2009 :U.K. :PCT/GB2010/001724 :13/09/2010 :WO 2011/033253 :NA :NA	(71)Name of Applicant: 1)GARY MILLER Address of Applicant: BASSINGTON LANE, BASSINGTON INDUSTRIAL ESTATE, CRAMLINGTON, NE23 8AD, NORTHUMBERLAND, UNITED KINGDOM U.K. (72)Name of Inventor: 1)MILLER, GRAY
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A coupler (10) comprising first and second jaws (18, 26) for receiving first and second accessory pins (24, 25) of an accessory (16) wherein a first latching mechanism (28) is associated with the first jaw (18), the first latching member having an arm (42) operatively connected to and extending away from a latching member (38) thereof, and a second latching mechanism (30) is associated with the jaw (26), and the first and second latching mechanisms (28, 30) being adapted to latch the first and second accessory pins (24, 25) of an accessory (16) in or on the first jaw (18) and the second jaw (26), respectively; and wherein the second latching mechanism (30) is powered for movement between a latching position and a non-latching position and the first latching mechanism (28) is operatively connected to, or connectable with, the second latching mechanism (30) to allow operation of the second latching mechanism (30) selectively to operate the first latching mechanism (28) between its own latching and non-latching positions by means of a groove or flange or finger (66) provided on the second latching mechanism (30).

No. of Pages: 43 No. of Claims: 45

(21) Application No.2457/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SEALING GROMMET

(51) International classification	:H02G 3/18	(71)Name of Applicant:
(31) Priority Document No	:61/235,897	1)UPSITE TECHNOLOGIES, INC.
(32) Priority Date	:21/08/2009	Address of Applicant :8100 LANG AVENUE N.E., SUITE
(33) Name of priority country	:U.S.A.	301, ALBUQUERQUE, NM 87109-4305, UNITED STATES OF
(86) International Application No	:PCT/US2010/039173	AMERICA U.S.A.
Filing Date	:18/06/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/022115	1)SEMPLINER, ARTHUR, T.
(61) Patent of Addition to Application	:NA	2)PETTINGILL, JONATHAN
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sealing grommet, particularly for data centers and the like, formed of one or a pair of U-shaped frame sections, each co-molded with a thermoplastic elastomeric seal of corrugated wave form, with corrugated edges of the seals exposed at the open sides of the U-shaped frames. A pair of such grommet sections joined together, with the corrugated edges arranged to be in contact and in phase, provides a uniquely efficient seal to hold back air under pressure while allowing various pass-through elements, such as cables, hoses, etc., to be extended through the grommet and while enabling the pass-through elements to be easily added, removed, or re-arranged as may be necessary to accommodate the dynamic changes experienced in the operation of a data center.

No. of Pages: 76 No. of Claims: 95

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: BOBBIN HOLDING DEVICE, BOBBIN SETTING DEVICE, AND YARN WINDING MACHINE

(51) International classification	:B65H67/04	(71)Name of Applicant:
(31) Priority Document No	:2013- 244161	1)Murata Machinery, Ltd. Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:26/11/2013	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MIYAGAWA Takashi
Filing Date	:NA	2)TSUJI Hiroshi
(87) International Publication No	: NA	3)KITAMURA Tsunehisa
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		L

(57) Abstract:

A bobbin tube bobbin holding device (110) includes a receiving section (112) adapted to receive a bobbin (T) conveyed by a belt conveyor (70); a bobbin holding section (114) adapted to directly hold the bobbin (T); and a moving 10 section (116, 120) adapted to move the receiving section (112) and the bobbin holding section (114) together to a first position of receiving the bobbin (T) conveyed by the belt conveyor (70) with the receiving section (112) and a second position different from the first position.

No. of Pages: 39 No. of Claims: 11

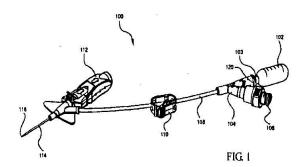
(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A BLOOD SAMPLING DEVICE

(51) International classification	:A61B 5/15	(71)Name of Applicant:
(31) Priority Document No	:61/224,208	1)BECTON, DICKINSON AND COMPANY
(32) Priority Date	:09/07/2009	Address of Applicant :1 BECTON DRIVE FRANKLIN
(33) Name of priority country	:U.S.A.	LAKE, NEW JERSEY 07417-1880 UNITED STATES OF
(86) International Application No	:PCT/US2010/041366	AMERICA U.S.A.
Filing Date	:08/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2010/005956	1)DAVIS, BRYAN G.
(61) Patent of Addition to Application	:NA	2)BURKHOLZ, JONATHAN KARL
Number	:NA	3)HOANG, MINH QUANG
Filing Date	.11/1	4)MA, YIPING
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A blood sampling device useful for collecting a blood sample from a separate vascular access device is described herein. The blood sampling device includes a body shaped and sized for partial insertion into a separate vascular access device. The body includes a reservoir defined within the body, which has an internal volume sufficient to contain enough blood for use in a diagnostic blood test. The body also includes a gas permeable vent disposed on the body, in which the gas permeable vent is in gaseous communication with the reservoir. When connected to a separate vascular access device the blood sampling device collects a blood sample as blood flows into the reservoir from the separate vascular access device and as gases pass out the reservoir via the gas permeable vent.



No. of Pages: 31 No. of Claims: 20

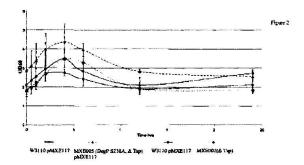
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BACTERIAL HOST STRAIN

 (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 	:23/09/2010 :WO 2011/036454 :NA	(71)Name of Applicant: 1)UCB PHARMA, S.A. Address of Applicant:60, ALLEE DE LA RECHERCHE, B- 1070 BRUSSELS, BELGIUM. Belgium (72)Name of Inventor: 1)ELLIS, MARK 2)HUMPHREYS, DAVID PAUL
(61) Patent of Addition to Application		2)HUMPHREYS, DAVID PAUL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A recombinant gram-negative bacterial cell comprising one or more of the following mutated protease genes: a. a mutated Tsp gene, wherein the mutated Tsp gene encodes a Tsp protein having reduced protease activity or is a knockout mutated Tsp gene; b. a mutated ptr gene, wherein the mutated ptr gene encodes a Protease III protein having reduced protease activity or is a knockout mutated ptr gene; and c. a mutated DegP gene encoding a DegP protein having chaperone activity and reduced protease activity; wherein the cell is isogenic to a wild-type bacterial cell except for the mutated Tsp gene and/or mutated ptr gene and/or mutated Deg P gene and optionally a polynucleotide sequence encoding a protein of interest.



No. of Pages: 112 No. of Claims: 37

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CANNABINOID RECEPTOR MODULATORS

(57) Abstract:

The present invention relates to certain compounds of Formula Ia and pharmaceutical compositions thereof that modulate the activity of the cannabinoid CB2 receptor. The present invention further relates to certain compounds of Formula Ia and pharmaceutical compositions thereof that modulate the activities of both the CB1 receptor and the CB2 receptor. Compounds of the present invention and pharmaceutical compositions thereof are directed to methods useful in the treatment of: pain for example bone and joint pain muscle pain dental pain migraine and other headache pain inflammatory pain neuropathic pain pain that occurs as an adverse effect of therapeutics and pain associated with osteoarthritis; hyperalgesia; allodynia; inflammatory hyperalgesia; neuropathic hyperalgesia; acute nociception; osteoporosis; multiple sclerosis-associated spasticity; autoimmune disorders; allergic reactions; CNS inflammation; atherosclerosis; undesired immune cell activity and inflammation; age-related macular degeneration; cough; leukemia; lymphoma; CNS tumors; prostate cancer; Alzheimers disease; stroke-induced damage; dementia; amyotrophic lateral sclerosis and Parkinsons disease.

No. of Pages: 363 No. of Claims: 50

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FUSARIUM AND FUSARIUM MYCOTOXIN BIOCONTROL

 (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 	:B41F :61/237,906 :28/08/2009 :U.S.A. :PCT/CA2010/001253 :30/08/2010 : NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF SASKATCHEWAN Address of Applicant: Office of Vice-President of Research Industry Liaison Office Box 5000 RPO University Saskatoon Saskatchewan S7N 1K2 Canada Canada (72)Name of Inventor: 1)VUJANOVIC Vladimir
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a novel ascomyceteous fungus. Sphaerodes mycoparasitia strain IDAC 301008 01 for controlling Fusarium plant pathogens disease symptoms and mycotoxins in planta and ex planta. Uses methods compositions sequences and products are also disclosed herein.

No. of Pages: 114 No. of Claims: 23

(22) Date of filing of Application :21/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : IN-BOREHOLE GAS MONITOR APPARATUS AND METHOD COMPRISING A VOC CONCENTRATION ANALYSER AND A VOC COLLECTOR

 (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) Printing of the Application Number 	:0915150.7 :01/09/2009 :U.K. :PCT/GB2010/051282 :03/08/2010 : NA :NA	(71)Name of Applicant: 1)INTELISYS LIMITED Address of Applicant: c/o FAB Services Enterprise House Manchester Science Park Lloyd Street North Manchester M15 6SE United Kingdom. U.K. (72)Name of Inventor: 1)Steve BOULT
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In-Borehole Gas Monitor Apparatus and Method An in-borehole gas monitor (IGM) apparatus comprising a VOC concentration analyser and a VOC collector.

No. of Pages: 23 No. of Claims: 24

(21) Application No.3430/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: INSERT AND SPINNING MACHINE

(51) International classification	:D01H5/72	(71)Name of Applicant :
(31) Priority Document No	:10 2013	1)Maschinenfabrik Rieter AG
(31) I Hority Document No	113 406.8	Address of Applicant :Klosterstrasse 20, 8406 Winterthur,
(32) Priority Date	:03/12/2013	Switzerland Switzerland
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Gerd Stahlecker
Filing Date	:NA	2)Peter Blankenhorn
(87) International Publication No	: NA	3)Wolfgang Lehner
(61) Patent of Addition to Application Number	:NA	4)Stefen Urmetzer
Filing Date	:NA	5)Paul Muza
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an insert for arranging on a suction tube (6) of a spinning station, each comprising a drafting system (1) with a discharge roller pair (3) and a compacting zone (4) downstream of the drafting system (1) and compacting a drafted fiber composite (8), said compacting zone (4) comprising a circulating air-permeable transport belt (7), that is guided across the insert (10) on a sliding surface having a suction slit and being disposed on the suction tube (6) and that is transporting the fiber composite (8) across a clamping point (K) bounding the compacting zone (4) to a release point (A). The insert (10) is provided for arranging on the suction tube (6) and designed such that said insert (10) determines the release point (A) and a distance (L) of the release point (A) from the clamping point (K) is created, that is predetermined by the fiber material to be spun and/or the yarn number to be spun. A spinning machine having a plurality of adjacently disposed spinning stations comprises such an insert.

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

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2392/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: FEED BACK AND DOSE CONTROL OF DISTRIBUTED DECONTAMINATION SYSTEMS

(51) International classification	:A61L 2/24	(71)Name of Applicant :
(31) Priority Document No	:12/570,051	1)AMERICAN STERILIZER
(32) Priority Date	:30/09/2009	Address of Applicant :5960 HEISLEY ROAD, MENTOR,
(33) Name of priority country	:U.S.A.	OHIO 44060, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/047469	(72)Name of Inventor:
Filing Date	:01/09/2010	1)IAIN F. MCVEY
(87) International Publication No	:WO 2011/041065	2)AARON L. HILL
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

A sterilization system includes a plurality of vaporizers that are controlled by a network of interconnected controllers. The network includes a plurality of control units with each control unit controlling an associated vaporizer to adjust independently the rate at which the associated vaporizer injects vaporized sterilant into the different regions of an enclosure. The network also includes a master control unit configured to control each control unit over the network to coordinate the aggregate injection of sterilant vapor.

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

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMAGE PROCESSOR AND IMAGE PROCESSING METHOD

(51) International classification	:H04N 1/41	(71)Name of Applicant:
(31) Priority Document No	:2009-219627	1)SONY CORPORATION
(32) Priority Date	:24/09/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN. Japan
(86) International Application No	:PCT/JP2010/065862	(72)Name of Inventor:
Filing Date	:14/09/2010	1)TAKAHIRO FUKUHARA
(87) International Publication No	:WO 2011/037049	2)KAZUHISA HOSAKA
(61) Patent of Addition to Application	:NA	3)HIROSHI AKINAGA
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to an image processing apparatus and an image processing method for improving the processing capacity per unit time in encoding and decoding images. A coefficient line sorting portion 104 sorts coefficient lines into an order which is different from that of wavelet inverse transform process as well as from that of transmission and in which the coefficient lines are sorted for an encoding process of which the degree of difficulty of encoding can be estimated by a rate control portion 109 at the earliest possible time. An encoded line sorting portion 108 sorts encoded lines into an order which is different from that of wavelet inverse transform process and in which the encoded lines are transmitted with improved resistance to the instability of the available transmission rate. This invention can be applied to image processing apparatus, for example.

No. of Pages: 138 No. of Claims: 16

(22) Date of filing of Application :21/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : SUBSTITUTED CARBAMOYLEMETHYLAMINO ACETIC ACID DERIVATIVES AS NOVEL NEP INHIBITORS

 (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 	:C07D 231/40 :61/263,137 :20/11/2009 :U.S.A. :PCT/EP2010/067781 :18/11/2010 :WO 2011/061271 :NA :NA	(71)Name of Applicant: 1)NOVARTIS AG Address of Applicant: LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND Switzerland (72)Name of Inventor: 1)IWAKIYUKI 2)KAWANAMI TOSHIO 3)KSANDER GARY MICHAEL 4)MOGI MUNETO
1 (01110 01		

(57) Abstract:

The present invention provides a compound of Formula (I); or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, R4, R6, A1, A2, X1, s and m are defined herein. The invention also relates to a method for manufacturing the compounds of the invention, and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and a pharmaceutical composition.

No. of Pages: 93 No. of Claims: 19

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS COMPRISING 9-CIS-RETINYL ESTERS IN A LIPID 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 	:A61K 47/44 :61/242,741 :15/09/2009 :U.S.A. :PCT/US2009/059126 :30/09/2009 :WO 2011/034551 :NA :NA	(71)Name of Applicant: 1)QLT INC. Address of Applicant: 887 GREAT NORTHERN WAY, VANCOUVER, BRITISH COLUMBIA V5T 4T5, CANADA Canada (72)Name of Inventor: 1)BOCH RONALD ERWIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Pharmaceutical formulations comprising 9-c/s-retinyi esters in a lipid vehicle are described as retinoid replacement therapies for treating retinal degenerations in humans.

No. of Pages: 59 No. of Claims: 20

(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: GENERATOR COOLING STRUCTURE OF INTERNAL COMBUSTION ENGINE

(51) International classification	:F01P1/06	(71)Name of Applicant:
	:2013-	1)HONDA MOTOR CO., LTD.
(31) Priority Document No	254912	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:10/12/2013	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TERUHIDE YAMANISHI
Filing Date	:NA	2)SATORU WATANABE
(87) International Publication No	: NA	3)KAZUHITO TAKAHASHI
(61) Patent of Addition to Application Number	:NA	4)MAKOTO OGASAWARA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A generator cooling structure of an internal combustion engine including a generator cover having a cylindrical support portion, a stator of a generator supported by the cylindrical support portion, and a rotor formed into a cup shape and rotated by a driving force of an internal combustion engine, wherein: the cylindrical support portion has , in its upper portion, a lubricating oil-introduction oil passage which introduces lubricating oil into the cylindrical support portion; the cylindrical supportportion has a lubricating oil-discharge oil passage which is provided in a position spaced apart from the lubricating oil-introduction oil passage, and discharges lubricating oil from the inside of the cylindrical support portion; and an opening of the lubricating oil-discharge oil passage is formed on a side face of the cylindrical support portion, in a position lower than an. opening . . of the lubricating oil-introduction oil passage. [Selected Drawing] FIG. 5

No. of Pages: 43 No. of Claims: 5

(21) Application No.2342/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : RFID READING DEVICE, RFID SYSTEM, METHOD FOR CONTROLLING THE TRANSMITTING POWER OF AN RFID READING DEVICE, AND COMPUTER PROGRAM PRODUCT

 (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 	:13/09/2010 :WO 2011/039047	(71)Name of Applicant: 1)BUNDESDRUCKEREI GMBH Address of Applicant: ORANIENSTRASSE 91, 10969 BERLIN, GERMANY Germany (72)Name of Inventor: 1)TIETKE, MARKUS 2)FISCHER, JORG 3)PAESCHKE, MANFRED
	•	l · · · · · · · · · · · · · · · · · · ·
	:WO 2011/039047	<u> </u>
• /	:NA	· · · · · · · · · · · · · · · · · · ·
Number Filing Date	:NA	4)FRITZE, FRANK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an RFID reading devices having: transmitting means for generating a field for inductively coupling to an RFID transponder; measuring means for measuring a field strength of the field; and control means for controlling the transmitting power on the basis of the measured field strength.

No. of Pages: 37 No. of Claims: 27

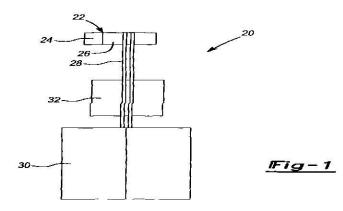
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BEARING CARTRIDGE AND ELEVATOR MACHINE 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 	:B66B 11/08 :NA :NA :NA :PCT/US2009/064336 :13/11/2009 :WO 2011/059442 :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: TEN FARM SPRINGS, FARMINGTON, CONNECTICUT 06032, U.S.A. U.S.A. (72)Name of Inventor: 1)STRBUNCELJ ZLATKO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An exemplary bearing cartridge assembly includes an inner sleeve. An outer housing is supported for rotation relative to the inner sleeve. A bearing member within the outer housing and received about the inner sleeve facilitates rotation of the outer housing relative to the inner sleeve. The bearing member has an axial dimension (e.g., a width) that is smaller than an axial inner dimension of the outer housing. The bearing member is positioned relative to the inner sleeve and the outer housing to provide a first lubricant space between one side wall of the outer housing and the bearing member and a second lubricant space between an opposite side wall of the outer housing and the bearing member. There is at least one through passage between the first and second lubricant spaces to allow lubricant to move between them.



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

(21) Application No.2412/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CANCER CELL APOPTOSIS

 (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 	:915877.5 :10/09/2009 :U.K. :PCT/GB2010/001710 :10/09/2010 :WO 2011/030106 :NA :NA	(71)Name of Applicant: 1)E-THERAPUTICS PLC Address of Applicant: BLOCK B, HOLLAND PARK, HOLLAND DRIVE, NEWCASTLE UPON TYNE, TYNE & WEAR NE2 4LZ, U.K. U.K. (72)Name of Inventor: 1)YOUNG MALCOLM PHILIP 2)MCKEOWN PHILIP
1,61110.01		

(57) Abstract:

There is described a therapeutic agent capable of directly or indirectly having an effect on the proteins N-methyl-D-aspartate (NMDA), Cyclooxygenase-2 (COX-2), Tumour Necrosis factor alpha (TNF-a), Nuclear factor-kappa B (NFKB), Cyclin-dependent kinases, e.g. CDK2/A and CDK5/p25, Histone acetyltransferase (HAT) and Farnesyltransferase, simultaneously, sequentially or separately. There is especially described dexanabinol, or a derivative thereof, as the therapeutic agent.

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

(21) Application No.2413/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INSECTICIDAL PROTEINS

(51) International classification	:C07K 14/325	(71)Name of Applicant:
(31) Priority Document No	:61/247,986	1)SYNGENTA PARTICIPATIONS AG
(32) Priority Date	:02/10/2009	Address of Applicant :SCHWARZWALDALLEE 215, CH-
(33) Name of priority country	:U.S.A.	4058 BASEL, SWITZERLAND. Switzerland
(86) International Application No	:PCT/US2010/050369	(72)Name of Inventor:
Filing Date	:27/09/2010	1)GAO YAN
(87) International Publication No	:WO 2011/041256	2)CONVILLE JARED
(61) Patent of Addition to Application	:NA	3)CHEN JENG SHONG
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Improved compositions and methods for controlling pests are disclosed. In particular, novel engineered Cry1Ba (eCry1Ba) proteins having improved toxicity to lepidopteran insect pests are provided. By substituting at least one amino acid in domain I of a Cry1Ba protein an engineered Cry1Ba protein having substantially altered insecticidal properties is designed. Further, a method of making the engineered Cry1Ba proteins and methods of using the ecry1Ba nucleic acid sequences, for example in transgenic plants to express eCry1B proteins to confer protection from insect damage are disclosed.

No. of Pages: 77 No. of Claims: 59

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SHOCK ABSORBER AND MANUFACTURING METHOD THEREFOR

(51) International classification	:f16f	(71)Name of Applicant:
(31) Priority Document No	:2014- 001648	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:08/01/2014	Hamamatsu-shi, Shizuoka-ken, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)OISHI, Koji
Filing Date	:NA	2)GOTO, Yoichi
(87) International Publication No	: NA	3)ASOU, Masahiro
(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 manufacturing a shock absorber (1) disposed between a vehicle body member (41) of an automobile and a surface member including an interior or an exterior material (42) on a surface side of the vehicle body member and made up of a base portion (2) placed on the side of the vehicle body member or on the side of the surface member and a plurality of hollow frustum-shaped protrusions (3) protruding from the base portion toward the side of the surface member or toward the side of the vehicle body member, the method including: producing a forming mold (11) in which concave mold portions (13) for use to form the protrusions are provided in a flat portion (12) for use to form the base portion, wherein the forming mold is produced by additive fabrication by changing lamination pitch such that steps on flanks of the protrusions will become smaller toward tips of the protrusions to form stepwise inner surfaces in the concave mold portions; and subsequently introducing a heat-softened plastic sheet into the forming mold and vacuum-forming or pressure-forming the plastic sheet to make the flanks (31 to 33) on the protrusions (3) stepwise such that plastic thickness (d1 to d3) will decrease toward tips of the protrusions. [Selected Drawing] Figure 3

No. of Pages: 18 No. of Claims: 6

(22) Date of filing of Application: 19/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: GSM SYSTEM BASED METHOD, APPARATUS AND SYSTEM FOR CELL HANDOVER

(51) International classification	:H04W 92/14	(71)Name of Applicant:
(31) Priority Document No	:200910167517.9	1)ZTE CORPORATION
(32) Priority Date	:19/08/2009	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
(33) Name of priority country	:China	HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT,
(86) International Application No	:PCT/CN2010/074338	SHENZHEN, GUANGDONG PROVINCE 518057, P.R.CHINA
Filing Date	:23/06/2010	China
(87) International Publication No	:WO 20110/20373	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)XINGGUO WANG
Number	:NA	2)HONGTAO LV
Filing Date	.11/1	3)ZHIBIN HUA
(62) Divisional to Application Number	:NA	4)XIANGLIU CHEN
Filing Date	:NA	

(57) Abstract:

The present invention provides a GSM system based method, apparatus and system for cell handover, wherein the GSM system based method for cell handover comprises: after a base station controller BSC receives a handover detection message, the BSC determining whether a voice encoding mode after handover is the same as a voice encoding mode before the handover; if it is determined to be no, then the BSC sends a first message to a mobile switching center MSC so that the MSC updates a current voice encoding mode to a voice encoding mode after handover, wherein the first message includes a channel type and the voice encoding mode after handover; and if the handover is successful, then the BSC receives a HANDOVER COMPLETE message from a mobile station MS. The present invention solves the problem that the cell handover method in the prior art causes the interruption time of voice to be relatively long, thus reducing the interruption time of voice during handover and improving user experience.

No. of Pages: 37 No. of Claims: 11

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: WAVE POWER 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 Number Filing Date 	1	(71)Name of Applicant: 1)CHANG-HUI JO Address of Applicant:102-1601 SSANGYONG APT., 1127-1 POONG-DONG, LLSAN-GU, GOYANG-SI, KYEONGGI-DO, REPUBLIC OF KOREA. Republic of Korea (72)Name of Inventor: 1)JO, CHANG-HUI
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a wave power generator, and more particularly, to a wave power generator that has comparatively high energy conversion efficiency, so that it can induce active investment and research and development to overcome uncertainties about the natural environment, and which can enhance practicability and value as a clean energy source, especially by virtue of the improved return on investment thereof. For this purpose, the wave power generator of the present invention is characterized in that is comprises: a plurality of rafts arranged on a water surface to move freely with the movement of waves; a plurality of connectors, connecting the plurality of rafts to each other, for performing the conversion of kinetic energy by converting the wave-induced movement of one raft into an amplified lever movement on an adjacent raft; a plurality of generators installed on the plurality of rafts to generate electricity; and an energy-converting unit, connected to the plurality of connectors and to the plurality of generators, for converting the kinetic energy from the plurality of connectors into rotational energy for driving the plurality of generators.

No. of Pages: 48 No. of Claims: 16

(21) Application No.2418/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM AND METHODS FOR PRODUCING HYPERPOLARIZED MATERIALS AND MIXTURES THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:A61K 49/06 :61/238,647 :31/08/2009	(71)Name of Applicant: 1)MILLIKELVIN TECHNOLOGIES LLC Address of Applicant: 35 BRAINTREE HILL OFFICE
(33) Name of priority country (86) International Application No	:U.S.A.	PARK, SUITE 304, BRAINTREE, MA 02184, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application	:31/08/2010 :WO 2011/026103	1)KALECHOFSKY, NEAL 2)BELZER, AVRUM
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure provides various methods and systems for manufacture, transport and delivery of material including highly polarized nuclei that is in a hyperpolarized state.

No. of Pages: 52 No. of Claims: 115

(21) Application No.3179/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :04/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: DRIVE CONTROL DEVICE

(51) International classification	:F02D29/00	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)Suzuki Motor Corporation
(31) Thomas Document No	232816	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:11/11/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ITO, Satoshi
Filing Date	:NA	
(87) 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 drive control device has: a power generation motor which is connected to an engine and generates power due to drive of the engine; and a control unit which controls the drive of the engine based on an actual torque value as a torque generated by the power generation motor and a torque command value issued to the power generation motor.

No. of Pages: 19 No. of Claims: 7

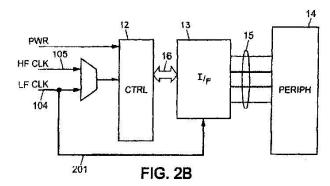
(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MANAGEMENT OF A USB HOST 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 	:G06F 1/32 :0954397 :26/06/2009 :France :PCT/EP2010/059148 :28/06/2010 :WO 2010/149793 :NA :NA	(71)Name of Applicant: 1)ST-ERICSSON SAS Address of Applicant: 39 CHEMIN DU CHAMP-DES- FILLES, 1228 PLAN-LES-OUATES, GENEVE (CH) China (72)Name of Inventor: 1)BALLOT, NATHALIE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A host device is managed that communicates with a peripheral device via an interface on the basis of a high frequency clock; the host device is in a suspended state in which the high frequency clock is deactivated. At the host device, an activation state of the peripheral device is detected (21) on the interface. Then the duration of a period of time (Tl) since the detection of the activation state is counted, on the basis of a low frequency clock. Then this activation state is maintained on the interface (23) by means of hardware before the period of time expires.



No. of Pages: 20 No. of Claims: 8

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : DROUGHT TOLERANT PLANTS AND RELATED CONSTRUCTS AND METHODS INVOLVING GENES ENCODING SELF-INCOMPATIBILITY PROTEIN RELATED POLYPEPTIDES

(51) International classification	:C12N 15/82	(71)Name of Applicant :
(31) Priority Document No	:61/251,982	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:15/10/2009	Address of Applicant :1007 MARK4ET STREET,
(33) Name of priority country	:U.S.A.	WILMINGTON, DELAWARE 19898, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/051418	2)PIONEER HI-BRED INTERNATIONAL, INC.
Filing Date	:05/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/046772	1)ALLEN, STEPHEN, M.
(61) Patent of Addition to Application	:NA	2)LUCK, STANLEY
Number	:NA :NA	3)MULLEN, JEFFREY
Filing Date	.INA	4)SAKAI, HAJIME
(62) Divisional to Application Number	:NA	5)TINGEY, SCOTT, V.
Filing Date	:NA	6)WILLIAMS, ROBERT, WAYNE

(57) Abstract:

Isolated polynucleotides and polypeptides and recombinant DNA constructs useful for conferring drought tolerance, compositions (such as plants or seeds) comprising these recombinant DNA constructs, and methods utilizing these recombinant DNA constructs. The recombinant DNA construct comprises a polynucleotide operably linked to a promoter that is functional in a plant, wherein said polynucleotide encodes an SIPR polypeptide.

No. of Pages: 169 No. of Claims: 12

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: FIVE-LEVEL RECTIFIER

(61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA SIZHANG Yi 4)GAN Hong-Jian 5)ZHENG Jian-Fei	Filing Date (62) Divisional to Application Number	:NA :NA	Address of Applicant :1F&7F&8F, Building 1, No.1675 Huadong Road, Pudong, Shanghai, 201209, China China (72)Name of Inventor: 1)YING Jian-Ping 2)WANG Ming 3)ZHANG Yi 4)GAN Hong-Jian
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(57) Abstract:

Disclosed herein is a five-level rectifier that includes first, second, third, fourth power semiconductor switches, first and second DC bus capacitors, a phase capacitor, and first, second, third and fourth diode modules. The first, second, third and fourth diode modules are connected in series, the first and second DC bus capacitors are connected in series, and the second and third power semiconductor switches are connected in series. The first diode module lo is connected to the first DC bus capacitor and the first power semiconductor switch, and the fourth diode module is connected to the second DC bus capacitor and the fourth power semiconductor switch. The phase capacitor has a terminal connected to the first and second power semiconductor switches, and another terminal connected to the third and fourth power semiconductor switches.

No. of Pages: 36 No. of Claims: 12

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ROTATING ELECTRIC MACHINE ROTOR

(51) International classification	:H02K1/30	(71)Name of Applicant:
(31) Priority Document No	:2013- 252751	1)TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION
(32) Priority Date	:06/12/2013	Address of Applicant :3-1-1 Kyobashi, Chuo-ku, Tokyo 104-
(33) Name of priority country	:Japan	0031, Japan Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LIU KECHENG
(87) International Publication No	: NA	2)TSUBOI Yuichi
(61) Patent of Addition to Application Number	:NA	3)NANAUMI Hideyuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

A rotor 10 has a configuration in which a rotor core 12 is fitted to an outer peripheral surface of a rotary shaft 11, and a plurality of slots 13 each accommodating a rotor bar 14 are formed in an outer peripheral surface of the rotor core 12 so as to extend along an axial direction of the rotor core 12. A plurality of ventilation grooves 15 are formed in the outer peripheral surface of the rotary shaft 11 so as to extend along the axial direction, the ventilation grooves 15 being arranged in a circumferential direction of the rotary shaft 11 at equal intervals. A plurality of ventilation ducts 16 is formed in the rotor core 12 so as to be arranged in the axial direction, the ventilation ducts 16 12 to outer periphery thereof. A linear duct piece 17 is provided in each of the ventilation ducts 16 so as to extend to a position between the plurality of slots 13 from a position on a circle having a radius R with a rotation center of the rotary shaft 11 as a center thereof. A circular arc duct piece 20 is provided between the position on the circle in each of the ventilation ducts 16 and the outer peripheral surface of the rotary shaft 11 and deviated from the ventilation groove.

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

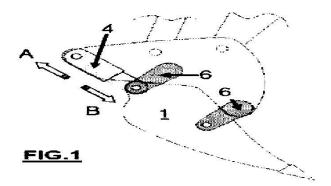
(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HYDRAULIC RIPPER FOR EXCAVATORS

 (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 	:15/02/2010 :WO 2010/007030 :NA	(71)Name of Applicant: 1)ARACAMA MARTINEZ DE LAHIDALGA JAVIER Address of Applicant: POL. IND. JUNDIZ. C/ ARANGUTXI, 15, 01015 VITORIA-GASTEIZ, SPAIN Spain (72)Name of Inventor: 1)ARACAMA MARTINEZ DE LAHIDALGA JAVIER
(61) Patent of Addition to Application		
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Hydraulic hammer ripper for mechanical diggers of the type used to break and pry up hard features in the ground, such as stone, concrete, asphalt or such like and which comprises a tooth (1) attached to the headstock (5) on the mechanical digger by means of an array of attachment items (6) and which consists of, at least, a tooth (1), with its drive devices (2,3) solidly attached to a power accumulator (4) whereby the assembly formed by the tooth (1), drive devices (2,3) and power accumulator (4) is solidly attached to said tooth (1) and mounted on the longitudinal axis (7) of the tooth (1) whereby it is by means of said axis (7) that the striking of the ground is effected by means of the tooth (1) positions of withdrawn (A) and deployed (B).



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

(22) Date of filing of Application :20/03/2012

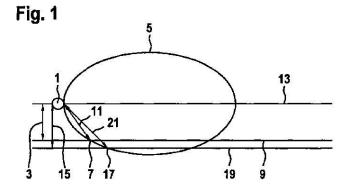
(43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD FOR ADJUSTING THE SENSITIVITY OF ULTRASONIC SENSORS

 (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 	:06/10/2010 :WO 2011/064025 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY. Germany (72)Name of Inventor: 1)KLOSS, FLORIAN
Filing Date	:NA	

(57) Abstract:

The present subject matter describes a method for adjusting the sensitivity of ultrasonic sensors (1) for detecting the distance of objects from a vehicle. A sensor sensitivity is set that is selected so that a sound beam (5) is transmitted by the ultrasonic sensor (1). The sound beam (5) has an intersection (7) with the ground (9). In a next step, a measurement is carried out using the ultrasonic sensor (1), wherein the distance of objects in the surroundings of the vehicle from the vehicle is greater than the distance (11) from the ultrasonic sensor (1) to the intersection (7). The distance (11) from the ultrasonic sensor (1) to the intersection (7) is detected as the shortest distance from an object. The sensitivity of the ultrasonic sensor (1) is set depending on the previously detected distance (11) between the ultrasonic sensor (1) and the intersection (7).



No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: USE OF AEROSOLIZED LEVOFLOXACIN FOR TREATING CYSTIC FIBROSIS

 (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 	:C12N :61/240,092 :04/09/2009 :U.S.A. :PCT/US2010/047903 :03/09/2010 : NA :NA :NA	(71)Name of Applicant: 1)MPEX PHARMACEUTICALS INC. Address of Applicant:11535 Sorrento Valley Road San Diego CA 92121-1309 United States of America. U.S.A. (72)Name of Inventor: 1)Jeffery S. LOUTIT 2)Elizabeth E. MORGAN 3)Michael N. DUDLEY 4)David C. GRIFFITH 5)Olga LOMOVSKAYA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to methods for treating cystic fibrosis comprising administering to a human in need thereof an aerosol solution comprising levofloxacin or ofloxacin and a divalent or trivalent cation. The invention relates in particular to administering the aerosol solution to a human wherein said human has a pulmonary infection comprising P. aeruginosa.

No. of Pages: 101 No. of Claims: 122

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR MANUFACTURING WHOLE SOY MILK

 (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 	:B60D :10-2009-0085114 :09/09/2009 :Republic of Korea :PCT/KR2010/002592 :26/04/2010 : NA :NA :NA	(71)Name of Applicant: 1)JongHae KIM Address of Applicant: Shinhan Technology Institute 100 Nochungil Dongmyun Hongchun Gangwon 250-892 Korea. Republic of Korea 2)Michael J. KIM (72)Name of Inventor: 1)JongHae KIM 2)Michael J. KIM
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for manufacturing whole soy milk utilizing bean and its skin together to improve yield and nutrient component. More particularly this invention provides a technology to improve the quality of the soymilk by metamorphosing a component of starch of the bean into a dextrin to solve the digesting problem of the conventional soymilk and improving the taste of soymilk by eliminating inherent fishy taste and grassy flavor by the process of heating and forming nano particles. Further this invention relates a method to make daily alternatives for replacing cow milk since the particles of the soymilk are nano-scale minute and as smooth as bovine milk by occurring molecular bond between the nano scale bean particles and sterilized water and fragrance and scent to be controlled.

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

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: INSTANT TRIP DEVICE OF CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Filing Date (87) International Publication 1 (61) Patent of Addition to App Filing Date (62) Privisional to Applications 	:10-2013- 0159510 :19/12/2013 :Republic of Korea No :NA :NA :NA No :NA :Ina :NA :NA :NA	(71)Name of Applicant: 1)LSIS CO., LTD. Address of Applicant:127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Kwang Won LEE
(62) Divisional to Application Filing Date		

(57) Abstract:

An instant trip device of a circuit breaker comprises a magnet; a supporter; an amateur provided between the magnet and the supporter and including a 5 rotation center portion and a rotating part is disposed to be rotatable with respect to the rotation center portion; and an amateur spring configured to apply an elastic force in a direction where the rotating part of the amateur becomes farther away from the magnet, wherein a groove of which one side is opened is formed at the supporter to support the rotation center portion, wherein a boss is formed at the lo rotation center portion to be inserted into the groove, and wherein the amateur spring is an extension spring in which one end of the amateur spring is supported by a first hanger included in the supporter, and the other end is supported by a second hanger included in the rotating part.

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

(21) Application No.371/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: K-WIRE AND METHOD FOR SURGICAL PROCEDURES

 (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 	:A61B 17/88 :61/220,828 :26/06/2009 :U.S.A. :PCT/US2010/040032 :25/06/2010 :WO 2010/151795 :NA :NA	(71)Name of Applicant: 1)SAFE WIRE HOLDING, LLC Address of Applicant: 2621 WEST ABIACA CIRCLE, DAVIE, FL 33328, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)WYATT DRAKE GEIST 2)ARDEN ALLEN GEIST, SR.
(61) Patent of Addition to Application	:NA	2)/IRDEN IEBEN GEIGT, SK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A surgical guide wire or K-wire and method of use are provided. The K-wire or guide wire has opposite end portions and a shank portion in between. One end portion has a deformable end portion that, once outside of a confining guide passage, can be deformed to present a projected forward facing area that is larger than the transverse cross section of the K-wire or guide wire while in the passage. The increased area will provide increased resistance to additional forward axial movement into the surgical site.

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

1)ETHICON ENDO-SURGERY, INC.

Address of Applicant: 4545 CREEK ROAD, CINCINNATI,

(19) INDIA

(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTROSURGERY GENERATOR FOR ULTRASONIC SURGICAL INSTRUMENTS

(51) International classification :A61B 17/32 (31) Priority Document No :12/503,769 (32) Priority Date :15/07/2009 (33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

SOLS.A.

PCT/US2010/041663

:12/07/2010

(87) International Publication No :WO 2010/008672

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

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

(72)Name of Inventor : 1)EITAN T. WIENER

OH 45242, U.S.A. U.S.A.

(71)Name of Applicant:

2)SHAN WAN
3)DANIEL W. PRICE
4)DAVID K. NORVELL
5)JAMES R. GIORDANO
6)BRIAN DINARDO

7)DAVID C. YATES 8)JEFFREY D. MESSERLY

9)DAVID A. WITT

10)JEFFREY L. ALDRIDGE

(57) Abstract:

In one general aspect, various embodiments are directed to a surgical instrument that can supply mechanical energy and electrical energy to an end effector of the surgical instrument. The surgical instrument may be operated in a first operating mode in which a transducer of the surgical instrument produces mechanical energy, or vibrations, that are transmitted to the end effector and a second operating mode in which electrical energy, or current, can flow through the end effector to perform electrosurgery. In another general aspect, the surgical instrument may comprise a clamp, or jaw, which can be moved into a closed position to hold tissue against a waveguide, or blade, of the end effector. In the second operating mode of the surgical instrument, current can flow from a power source, through the waveguide, and return to the power source through a path comprising the jaw. In one general aspect, various embodiments are directed to an ultrasonic surgical instrument that comprises a handpiece housing that operably supports an electrical contact assembly therein that is in electrical communication with a signal source. An acoustic assembly is supported within the handpiece housing in rotatable contact with the electrical contact assembly. In various embodiments, the signal source produces at least one of an ultrasonic signal and a radio frequency signal. In one general aspect, various embodiments are directed to a surgical instrument that can supply mechanical energy and electrical energy to an end effector of the surgical instrument. The surgical instrument comprises an ultrasonic generator module coupled to an ultrasonic drive system, which comprises an ultrasonic transducer coupled to a waveguide and an end effector coupled to the waveguide. The ultrasonic drive system is configured to resonate mechanically at a resonant frequency to generate a first ultrasonic drive signal. An electronic circuit is coupled to the ultrasonic generator module to monitor an electrical characteristic of the ultrasonic drive system. A processor is coupled to the electronic circuit to control the ultrasonic drive signal in response to the monitored electrical characteristic of the ultrasonic drive system.

No. of Pages: 79 No. of Claims: 55

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: N1-SUBSTITUTED-5-FLUORO-2-OXOPYRIMIDINONE-1(2H)-CARBOXAMIDE DERIVATIVES

 (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 	:A01N 43/54 :61/232,245 :07/08/2009 :U.S.A. :PCT/US2010/044588 :05/08/2010 :WO 2011/017545 :NA :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES, LLC Address of Applicant:9330 ZIONSVILLE ROAD INDIANAPOLIS, INDIANA 46268-1054, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)TIMOTHY BOEBEL 2)KRISTY BRYAN 3)BETH LORSBACH 4)TIMOTHY MARTIN, 5)W. OWEN 6)MARK POBANZ 7)SCOTT THORNBURGH 8)JEFFERY WEBSTER 9)CHENGLIN YAO
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(57) Abstract:

This present disclosure is related to the field of N1-substituted-5-fluoro-2-oxopyrimidinone-l-(2H)-carboxamides and their derivatives and to the use of these compounds as fungicides

No. of Pages: 39 No. of Claims: 4

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR PROCESSING CONFIGURATION UPDATE FAILURE

 (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 	:F04D :200910158544.X :10/07/2009 :China :PCT/CN2010/071920 :20/04/2010 : NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)SUN Lianqiao; 2)WANG Yi; 3)YANG De;
Filing Date	:NA	

(57) Abstract:

ABSTRACT METHOD, APPARATUS AND SYSTEM FOR PROCESSING CONFIGURATION UPDATE FAILURE The present disclosure relates to a method, apparatus and system for processing a configuration update failure, belonging to the field of communications. The method includes: setting a times threshold for receiving an eNB configuration update failure message; sending an eNB configuration update message to an MME or a neighboring eNB after configuration information is updated; receiving, from the MME or the neighboring eNB, an eNB configuration update failure message including a Time-To-Wait IE; calculating the times for receiving the eNB configuration update failure message; comparing the calculated times for receiving the eNB configuration update failure message with the set times threshold to determine whether the calculated times exceed the set times threshold; and stopping sending the eNB configuration update message if the calculated times exceed the set times threshold. The apparatus includes: a first sending module, a first receiving module, a first counting module, a first threshold setting module, a first comparing module and a first notifying module. The present disclosure can relieve the load of the system and improve the robustness and stability of the system.

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :20/03/2012

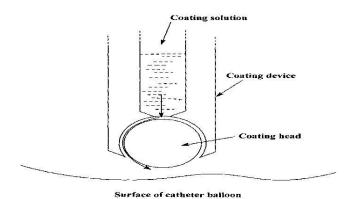
(43) Publication Date: 21/08/2015

(54) Title of the invention : USE OF COMPOSITIONS TO COAT CATHETER BALLOONS AND COATED CATHETER BALLOONS

(31) Priority Document No :10 2009 050 295.5 (32) Priority Date :16/10/2009 (33) Name of priority country :Germany	(71)Name of Applicant: 1)HEMOTEQ AG Address of Applicant: ADENAUERSTRASSE 15, 52146 WURSELEN (DE). Germany (72)Name of Inventor: 1)HOFFMANN, MICHAEL 2)HOFFMANN, ERIKA 3)HORRES, ROLAND
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(57) Abstract:

The present invention is related to dilatable medical products having short-term contact with the organism, as e.g. balloon catheters coated with at least one layer of at least one antiproliferative, immunosuppressive, anti-angiogenic, anti-inflammatory, fungicidal and/or anti-thrombotic agent and a transport mediator or a mixture of transport mediators, methods for coating of these coated dilatable medical products and the use of compositions for this coating.



No. of Pages: 78 No. of Claims: 45

(22) Date of filing of Application :20/03/2012

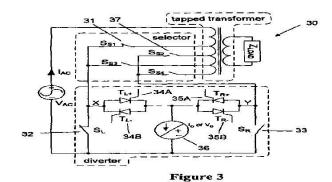
(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING ON-LOAD MECHANICAL SWITCHING OPERATIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01H 9/00 :0916190.2 :15/09/2009 :U.K.	(71)Name of Applicant: 1)IMPERIAL INNOVATIONS LIMITED Address of Applicant:52, PRINCES GATE, LONDON SW7 2PG, GREAT BRITAIN. U.K.
(86) International Application No Filing Date	:PCT/GB2010/001731 :14/09/2010	(72)Name of Inventor: 1)GREEN, TIMOTHY, CHARLES
(87) International Publication No	:WO 2011/033254	2)ROGERS, DANIEL, JAMES
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electrical device comprising: a first current path having a primary switch therein, and means for coupling to an electrical supply; and a diversionary current path having semiconductor switching means therein, the semiconductor switching means being operable to bypass the primary switch; the device being arranged such that, in use, a first current flowing from the supply along the first current path can be diverted, on the operation of the semiconductor switching means, along the diversionary current path, bypassing the primary switch; wherein the diversionary current path comprises a controllable electrical supply operable to supply a second current whilst the semiconductor switching means are in a state of conduction, the second current being such as to cause substantially zero current to flow through the primary switch, such that the primary switch can then be opened under a condition of substantially zero load current. A corresponding method of operating a mechanical switch in such a device is also provided. The disclosure further provides a controllable electrical supply comprising: an electrical source; an amplifier having two output terminals and comprising a plurality of semiconductor devices; and control logic arranged to operate the amplifier such that it can selectively present both current and voltage source behaviour at the terminals.



No. of Pages: 75 No. of Claims: 19

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR FERRITE CIRCULATOR PHASE SHIFTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:14/136592 :20/12/2013 :U.S.A. :NA	Address of Applicant :101 Columbia Road, P. O. Box 2245, Morristown, N.J. 07962-2245, United States of America U.S.A. (72)Name of Inventor:
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	1)ADAM M. KROENING

(57) Abstract:

Systems and methods for ferrite circulator phase shifters are provided. In one embodiment, a multi-bit phase shifter comprises: a first switching circulator having a first port coupled to a first short circuit of a first phase length; and a second switching circulator coupled in series with the first switching circulator, the second switching circulator having a second port coupled to a second short circuit of a second phase length, the second switching circulator configured to switch in the second short circuit when the first short circuit is switched out by the first switching circulator, and switch out the second short circuit when the first short circuit is switched in by the first switching circulator.

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

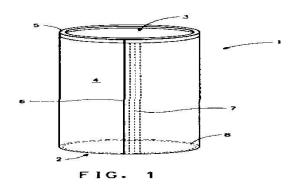
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : BAG FILTER COMPRISING SCRIMLESS FILTER FELT OR META-AND PARA-ARAMID STAPLE FIBER

(51) International classification (31) Priority Document No	:B01D 39/16 :12/505,780	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:20/07/2009	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2010/042552	WILMINGTON, DELAWARE 19898, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:20/07/2010 :WO 2011/011381	1)KOHLI, ANIL 2)WYSS, KURT HANS
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a bag filter having a tubular section, a closed end, and an open end; the tubular section comprising a scrimless filter felt consisting essentially of a needle-punched batt of an intimate blend of fibers consisting of 50 to 79 percent by weight meta-aramid staple fiber, and 21 to 50 percent by weight para-aramid staple fiber; said needle-punched batt having a basis weight of from 10 to 17 ounces per square yard (340 to 580 grams per square meter).



No. of Pages: 20 No. of Claims: 8

(21) Application No.266/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MICROWAVE FILTER

 (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 	:H01P 1/203 :NA :NA :NA :PCT/SE2009/050899 :14/07/2009 :WO 2011/008142 :NA :NA	(71)Name of Applicant: 1)SAAB AB Address of Applicant:S-581 88 LINKOPING, SWEDEN Sweden (72)Name of Inventor: 1)VICKES, HANS-OLOF 2)KRISTIANSSON, SIMON
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention refers to a filter unit (1) and a corresponding printed circuit board (2). The filter unit (1) and the printed circuit board (2) have been equipped with modified end portions (7, 8, 22, 23) being matched such that a number of filter units (1) can be used on the printed circuit board (2) without changing the printed circuit board (2).

No. of Pages: 31 No. of Claims: 11

(21) Application No.3375/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: STRADDLE TYPE VEHICLE

(51) International classification	:B62J35/00	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)HONDA MOTOR CO., LTD.
(31) I Hority Document 140	253261	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:06/12/2013	ku, Tokyo 107-8556, Japan, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TAKUMI HARA
Filing Date	:NA	
(87) 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 canister 50 is provided sucti that at least a part thereof is disposed below a fuel tank 25 above a rear fender 60. And a tank cover 40 covering the upper surface side of the fuel tank 25 is provided. The tank cover 40 forms a first tray portion 41 in a recessed shape in the periphery of a fuel filler opening 2 6 i of the fuel tank 25. The first tray portion has a first drain portion 45 to vzhichabase end, portion 101a of a first drainpipe 101 is (connected. The rear fender 60 forms a second tray portion 64 in a recessed shape to which a tip portion 101b of the first drain pipe 101 and a tip portion 102b of a second drain pipe 102 connected to a base end portion 102a are connected to the canister 50. The second tray portion second drain portion 69 discharging the liquid. [Selected Drawing] Fig. 2

No. of Pages: 44 No. of Claims: 7

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR MANUFACTURING A SPECTACLE LENS AND SPECTACLE LENS

(51) Intermediated algorithms	. A C1D2/020	(71) Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:13 195	1)Carl Zeiss Vision International GmbH
(31) Thomas Document No	130.3	Address of Applicant :Gartenstr. 97, 73430 Aalen, Germany
(32) Priority Date	:29/11/2013	Germany
(33) Name of priority country	:EPO	2)Carl Zeiss Vision Ireland Ltd.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MESCHENMOSER Ralf
(87) International Publication No	: NA	2)KRATZER Timo
(61) Patent of Addition to Application Number	:NA	3)BEGLEY Paraic
Filing Date	:NA	4)BROWN Stephen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The current invention is directed to a method for manufacturing a spectacle lens (10), the method comprising the steps of providing an integral main lens (12), wherein the integral main lens (12) has a front surface (14) and a back surface (16), and wherein the integral main lens (12) has a front surface (14) and a back surface (16), and wherein the integral main lens (12) is at least one selected from a group consisting of a spherical power lens, an astigmatic power lens, and a lens having a main curvature (18) of the front surface (14) in a first meridian and a main curvature (20) of the back surface (16) in the first meridian which are different from each other so as to provide for a spherical power different from zero; and applying at least one additional lens element (22) to at least a part of the front surface (14) and/or at least a part of the back surface (16), wherein the at least one additional lens element (22) is comprised of at least one layer (26-33) having a multitude of layer elements (35-37), in particular printed layer elements. Further, the current invention is directed to a corresponding spectacle lens. (Fig. 1)

No. of Pages: 98 No. of Claims: 17

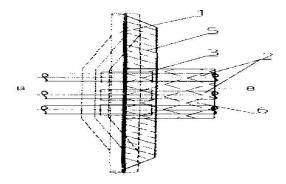
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : A SEAL STRUCTURE AT THE JUNCTION BY WHICH THE WATER COOLED PANEL RUNS THROUGH THE WATER COOLED 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 	:F22B 37/24 :200920214462.8 :30/11/2009 :China :PCT/CN2010/001908 :29/11/2010 :WO 2011/063613 :NA :NA	(71)Name of Applicant: 1)SHANGHAI BOILER WORKS, LTD. Address of Applicant: 250 HUANING ROAD, MINHANG DISTRICT, SHANGHAI 200245 (CN) China (72)Name of Inventor: 1)YIN, SHUANGLIN 2)TAO, HONGXIN 3)ZHENG, HAIYING 4)WANG, BO
Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a seal structure at the junction by which the water cooled panel runs through the water cooled wall. The water cooled wall contains a number of water cooled wall tubes and fins by which the water cooled wall tubes are connected with each other. The water cooled panel has several water cooled panel tubes arranged side by side. There is a sleeve fixed on each water cooled panel tube, and a sleeve connects with the fin of a water cooled wall to form the seal structure at the junction by which the water cooled panel runs through the water cooled wall. The seal structure at the junction by which the water cooled panel runs through the relative movement between the water cooled panel and the water cooled wall, and prevented the wear-proof refractory materials on the water cooled panel and the water cooled wall from chipping off. Moreover, the seal structure has a simple mechanism to manufacture and to be installed with quality assurance.



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

(22) Date of filing of Application :05/02/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF TRANSFERRING DATA, COMPUTER PROGRAM PRODUCT AND TAG

(51) International classification	:G06K5/00	(71)Name of Applicant:
(31) Priority Document No	:14155694.4	
(32) Priority Date	:19/02/2014	Fr 8
(33) Name of priority country	:EPO	Eindhoven (NL) Netherlands
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATANGE, Sreedhar
(87) International Publication No	: NA	2)LABDHE, Nitin Ramkrishna
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is disclosed a method of transferring data using a tag, said tag comprising an RF interface unit, a host interface unit and a memory, the method comprising: the RF interface unit connects the tag to an RF device; the host interface unit connects the tag to a host device; the tag enters into a pass-through mode; in said pass-through mode, the tag transfers data, either in a first configured transfer direction, from the RF device to the host device, or, in a second configured transfer direction, from the host device to the RF device; in said pass-through mode, the tag buffers said data in the memory. Furthermore, a corresponding computer program product and a corresponding tag are disclosed. (FIG. 2)

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

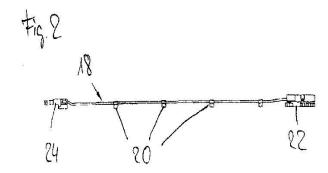
(22) Date of filing of Application: 12/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: CONTROL ROD FOR AN ADJUSTABLE CLOSING ELEMENT OF A VEHICLE ROOF

 (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 7/00 :10 2009 042 954.9 :24/09/2009 :Germany :PCT/DE2010/001101 :16/09/2010 :WO 2010/035763 :NA :NA	(71)Name of Applicant: 1)WEBASTO AG Address of Applicant: KRAILLINGER STRAE 5, 82131 STOCKDORF, GERMANY (DE) Germany (72)Name of Inventor: 1)WIMMER, RUDOLF
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(57) Abstract:

The invention relates to a control rod (18) for an adjustable closing element (16) of a vehicle roof (12). The adjustable closing element (16) is designed to selectively close a roof opening (14) in a closing position or at least partly release same in further positions. The control rod (18) is formed from a drawn steel spring wire. FIG. 2



No. of Pages: 9 No. of Claims: 2

(21) Application No.3410/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: PNEUMATIC BOOSTER

(51) International classification	:B60T10/00	(71)Name of Applicant:
(31) Priority Document No	:2013- 248179	1)Hitachi Automotive Systems, Ltd. Address of Applicant :2520, Takaba, Hitachinaka-shi, Ibaraki
(32) Priority Date	:29/11/2013	312-8503, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)WATANABE Shuzo
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a pneumatic booster capable of suppressing braking force from becoming excessive relative to an input force applied to a brake pedal. A valve mechanism 13 provided between a small-diameter cylindrical portion 6B of a valve body 6 and an input rod 12 includes a poppet valve 14 movably attached to the small-diameter cylindrical portion 6B of the valve body 6, an annular abutment portion 21A formed on a plunger body 21 of a plunger 20 to bring a variable-pressure chamber B into and out of communication with the atmosphere by unseating from and seating on the poppet valve 14, respectively, a movable seat member 29 movably guided by the valve body 6 to bring a negative-pressure chamber A and the variable-pressure chamber B into and out of communication with each other by unseating from and seating on the poppet valve 14, respectively, and a transmitting member 31 having one end abutting against the movable seat member 29 and the other end disposed to surround a stepped piston 22 of the plunger 20 so as to be abuttable against a reaction disk 27.

No. of Pages: 40 No. of Claims: 9

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

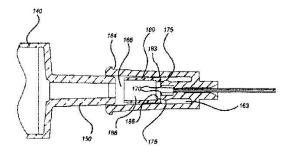
(54) Title of the invention: MEDICAL DEVICE ASSEMBLY

(51) International classification	:A61M 5/34	(71)Name of Applicant:
(31) Priority Document No	:12/512,532	1)BECTON, DICKINSON AND COMPANY
(32) Priority Date	:30/07/2009	Address of Applicant: 1 BECTON DRIVE FRANKLIN
(33) Name of priority country	:U.S.A.	LAKES NEW JERSEY 07417-1880 UNITED STATES OF
(86) International Application No	:PCT/US2010/043200	
Filing Date	:26/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/014444	1)LUM, CHEE LEONG
(61) Patent of Addition to Application		2)ABID, WAHEED
Number	:NA	3)DOUGLAS, PETER
Filing Date	:NA	4)ZIVKOVIC, IVAN
(62) Divisional to Application Number	:NA	7/22 130 120, 1131
Filing Date	:NA	

(57) Abstract:

Medical device assemblies having a connection mechanism for securely connecting a hub to fluid storage containers in a luer slip relationship are described. An exemplary medical device includes a hub forming a cavity, a second indicating element disposed within the cavity that engages the hub. Additional features of the medical device include a second indicating element contoured to form a line contact with the hub. In a specific configuration, the hub includes a first indicating element attached to the hub and extending proximally into the cavity having a protrusion. In a more specific configuration, the medical device includes a fluid storage container that has an indication system for visually indicating optimal fluid-tight engagement of the hub and the fluid storage container.

FIG. 10



No. of Pages: 51 No. of Claims: 21

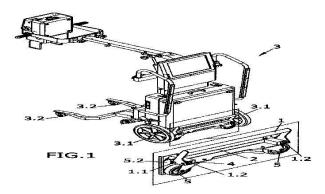
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DEVICE FOR SIDEWAYS MOVEMENT

 (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 	:05/11/2009 :WO 2011/054978 :NA :NA	(71)Name of Applicant: 1)SOCIEDAD ESPANOLA DE ELECTROMEDICINA Y CALIDAD, S.A. Address of Applicant: PELAYA, 9 P.I. RIO DE JANEIRO, 28110 ALGETE (MADRID), SPAIN Spain (72)Name of Inventor: 1)ILDEFONSO MORENO VALLEJO 2)SIMON PEDRO GONZALEZ MUNOZ
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention is designed to provide a device for sideways movement which will permit an element to move laterally, such as a set of portable x-ray equipment which is affixed to said device. Fig.l



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

(22) Date of filing of Application :18/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: EVAPORATOR APPARATUS AND METHOD OF OPERATING THE SAME.

:f28d :14/085,955	
:U.S.A.	BADEN, SWITZERLAND Switzerland
:NA	(72)Name of Inventor:
	1)SURESH SHENOY 2)JAY BRIAN ANDERSON
:NA	3)RAHUL J. TERDALKAR
:NA	4)DONALD WILLIAM BAIRLEY
:NA :NA	
	:14/085,955 :21/11/2013 :U.S.A. :NA :NA :NA :NA :NA

(57) Abstract:

A heat exchanger apparatus for receiving water from d steam drum (1) and providing steam and heated unevaporated liquid water to the steam drum includes a first evaporator (EVAP-I) and a second evaporator (EVAP-2). The first evaporator can receive water from a steam drum via a first feed conduit (9) and the second evaporator can receive water from a second feed conduit (I I). Both evaporators can output heated fluid to the steam drum via a combined evaporator output conduit (1 3). Each first evaporator passageway (1 4) only makes a single pass through a gas duct:(15) having a heated gas flow (7) passing . there through while each second evaporator passageways (24) can make one or more passes through the gas duct for tansferring heat from the gas to the fluid within the evaporators. A portion of the first feed conduit can also have a pre-specified volume a pre-specified height below the first inlet (10).

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

(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: BALANCER STRUCTURE OF INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:Japan	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan (72)Name of Inventor:
(86) International Application No	:NA	1)TERUHIDE YAMANISHI
Filing Date	:NA	2)SATORU WATANABE
(87) International Publication No	: NA	3)KAZUHITO TAKAHASHI
(61) Patent of Addition to Application Number	:NA	4)MAKOTO OGASAWARA
Filing Date	:NA	5)HAYATO YAMAZAKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an internal combustion engine 3 comprising a crank case 30 being divided left and right into a left case 30L and a-right case 30R which are joined in the direction of a crankshaft 31, and a balancer shaft 81 extending in parallel with the crankshaft 31 and being pivotally supported across the left case 30L and the right case 30R, left and right bearings 47L, 47R of the crankshaft 31 and left and right bearings 84C, 84R of the balancer shaft 81 are mounted on each of the left and right cases 30L, 30R from the side of a joining surface 30a between the left and right cases 30L, 30R. Left and right balancer weights 86L, 86R are fitted onto both ends of the balancer shaft 81 in a removable fashion from the balancer shaft 81. The crankshaft 31 and the balancer shaft 81 are clamped between the left and right cases 30L, 30R so as to be held and fixed in position. [Selected drawing] FIG.

No. of Pages: 43 No. of Claims: 6

(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE FOR STRAD LE TYPE VEHICLE •

(51) International classification	:F01P1/06	(71)Name of Applicant:
(21) Priority Dogument No.	:2013-	1)HONDA MOTOR CO., LTD.
(31) Priority Document No	254822	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:10/12/2013	ku, Tokyo 107-8556, Japan, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TERUHIDE YAMANISHI
Filing Date	:NA	2)SATORU WATANABE
(87) International Publication No	: NA	3)KAZUHITO TAKAHASHI
(61) Patent of Addition to Application Number	:NA	4)MAKOTO OGASAWARA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an internal combustion engine for a straddle type vehicle on which the internal combustion engine (20) is mounted in such a way as to be supported by a vehicle body frame (2), a plurality of stud bolts (71, 72) which are implanted by allowing implanting screw portions (71a, 72a) provided at lower ends thereof, to be screw-threaded into a crank case (21), are configured to pass through a cylinder block (22) and a cylinder head (23) which are piled in order on the crank case (21). Nut members (71N, 72N) are screwed on and fastened to upper screw portions (71b, 72b) of the stud bolts (71, 72) which pass through and project from the cylinder head (23). A too! engaging portion (71c, 72c) with which a tool is engaged to rotate the stud bolt (71, 72) is formed at an upper side of the upper screw portion (71b, 72b) of the studbolt(71,72). [Selected drawing] FIG. 7

No. of Pages: 42 No. of Claims: 8

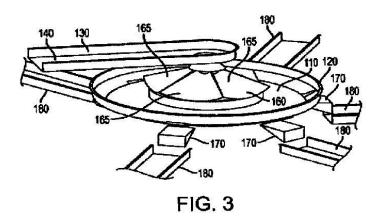
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ARTICLE DISTRIBUTION AND SORTING SYSTEM

(51) International classification	:B65G 47/14	(71)Name of Applicant:
(31) Priority Document No	:61/224,412	1)CONAGRA FOODS LAMB WESTON, INC
(32) Priority Date	:09/07/2009	Address of Applicant :8701 WEST GAGE BOULEVARD,
(33) Name of priority country	:U.S.A.	KENNEWICK, WA 99336, U.S.A U.S.A.
(86) International Application No	:PCT/US2010/041591	(72)Name of Inventor:
Filing Date	:09/07/2010	1)KIRKBRIDGE, CHARLES, D.
(87) International Publication No	:WO 2011//006115	2)LAMBIER, GREG, R.
(61) Patent of Addition to Application	:NA	3)SANCHEZ, RUDY
Number	:NA	4)CRAWFORD, STEVE
Filing Date	.11/1	5)HUFFORD, DAVE
(62) Divisional to Application Number	:NA	6)RUFF, JAMES, D.
Filing Date	:NA	

(57) Abstract:

A radial distribution system includes a base member for receiving product for distribution to a plurality of conveyors, a plurality of gate members radially-spaced around the base member and configured to move between an open position and a closed position, and a vibration member configured to vibrate the base member. The vibration causes product received on the base member to move on the base member in a substantially circular manner. Fig. 3



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

(12) I ATENI ALI LICATION I OBLICATION

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VANE 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 	:02/07/2010 :WO 2011/063654 :NA :NA	(71)Name of Applicant: 1)BOSCH AUTOMOTIVE DIESEL SYSTEMS CO., LTD. Address of Applicant:17 XINHUA ROAD, NEW DISTRICT, WUXI, JIANGSU 214028, CHINA China (72)Name of Inventor: 1)SHEN, ZHIBIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2316/DELNP/2012 A

(57) Abstract:

(19) INDIA

A vane pump comprises a stator (1) formed with an arc-shaped suction port (5) and an arc-shaped discharge port (7), a rotor (2) accommodated in the stator (1), a plurality of vane slots formed in the rotor (2), and a plurality of vanes (3) performing reciprocating movement in the vane slots. A fuel gallery (6) formed in the rotor (2) is in fluid communication with the arc-shaped discharge port (7) an each of the vane slots for applying a fuel discharge pressure on an inner end surface of the vane to create a pressure difference between inner and outer end surfaces of the vane. The arc-shaped suction port (5) has an upstream end formed at an angular position that is 90° plus a lagging angle from 0° angular position having zero gap in the rotating direction of the rotor.

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

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NETWORK-RELAY SIGNALING FOR DOWNLINK TRANSPARENT RELAY

 (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 	:H04W 28/04 :61/244,098 :21/09/2009 :U.S.A. :PCT/CA2010/001508 :21/09/2010 :WO 2011/44667	(71)Name of Applicant: 1)ROCKSTAR BIDCO, LP Address of Applicant: 1285 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10019-6064, U.S.A. U.S.A. (72)Name of Inventor: 1)HUA XU 2)JIANGLEI MA
		· · · · · · · · · · · · · · · · · · ·
Filing Date	:21/09/2010	1)HUA XU

(57) Abstract:

(EN)In a method of providing downlink retransmissions to a mobile station in a wireless communication network, the wireless communication network comprising a base station communicatively linked to a transparent relay station, the base station receives a request for a retransmission from the mobile station; schedules resources for the retransmission; signals scheduling information for the retransmission to the transparent relay station via a control link; and the transparent relay station receives the scheduling information for the retransmission on the control link; and sends the retransmission to the mobile station in a retransmit subframe on a retransmit frequency band.

No. of Pages: 34 No. of Claims: 24

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: BEVERAGE CARTRIDGE AND METHOD FOR BEVERAGE FORMATION USING FILTER AID

 (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 	:20/08/2010 :WO 2011/031294 :NA :NA	(71)Name of Applicant: 1)GREEN MOUNTAIN COFFEE ROASTERS, INC. Address of Applicant: 33 COFFEE LANE, WATERBURY, VERMONT 05676, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)PETERSON, PETER 2)NOVAK, THOMAS J.
•	:NA :NA	

(57) Abstract:

A method and apparatus for forming a beverage involves the use of a filter aid, e.g., that is provided in a beverage cartridge with a beverage medium in a dry state. In one embodiment, a cartridge including a dried fruit material may also include a filter aid, such as perlite, diatomaceous earth or cellulose, that is mixed together with the fruit material. The filter aid may assist in flow through the beverage medium or through a filter, e.g., by helping prevent the clogging of pores of a filter used to remove particulate from a beverage formed by interaction of the beverage medium with water introduced into the cartridge. Thus, the filter aid may permit the use of some beverage media that would otherwise clog a filter and/or prevent proper dissolution of materials in the beverage media without the filter aid.

No. of Pages: 36 No. of Claims: 35

(21) Application No.408/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : MANUFACTURING OF MULTIFUNCTIONAL ELECTRICALLY CONDUCTIVE/TRANSPARENT/FLEXIBLE FILMS

 (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 	:H01F :61/225,767 :15/07/2009 :U.S.A. :PCT/US2010/042185 :15/07/2010 :NA :NA :NA :NA	(71)Name of Applicant: 1)THE UNIVERSITY OF AKRON Address of Applicant: 302 EAST BUCHTEL COMMON, AKRON, OHIO 44325, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MUKERREM CAKMAK 2)WEI ZHAO 3)BARIS YALCHIN
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(57) Abstract:

The present invention relates to a method for producing flexible, stretchable transparent and highly electrically conducting hybrid polymer films comprising electrically conductive electrospun nanofibers embedded in solution cast dielectric polymer films. In one embodiment, the present invention utilizes an electrically conductive nanofiber, or nanofiber structure, that is embedded in a suitable polymer film. In one embodiment, the electrically conductive nanofiber, or nanofiber structure, can be electrospun from a suitable polymer solution that contains a suitable amount of, for example, at least one conductive material. In one embodiment, the flexible polymer film portion of the present invention can be formed from poly(methyl methacrylate) (PMMA) or polyimide. In another embodiment, the present invention relates to flexible polymer films that have conductive structures embedded therein, wherein the flexible polymer film portion is form via a casting process to produce transparent films from, for example, polycarbonate, polyurethane and/or cyclopolyolefin polymer compositions.

No. of Pages: 54 No. of Claims: 121

(22) Date of filing of Application :21/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : CATALYTIC HYDROGENATION OF CARBOXYARYLALDEHYDE AND USE THEREOF FOR PURIFYING CRUDE TEREPHTHALIC ACID

 (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 	:C07C 51/265 :61/247, 416 :30/09/2009 :U.S.A. :PCT/US2010/049477 :20/09/2010 :WO 2011/041151 :NA	(72)Name of Inventor: 1)NUBEL, PHILIP, O. 2)BARTOS, THOMAS, M.
` '		

(57) Abstract:

This invention provides a catalyst and the use thereof and a process for hydrogenating carboxyaryl aldehydes with selectivity to hydroxyalkylaryl monocarboxylic acids. The catalyst comprises iridium.

No. of Pages: 35 No. of Claims: 20

(22) Date of filing of Application :25/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TEXTILE MACHINE WITH VARIABLE TENSION DRAFT

(51) Y	D01111/10	
(51) International classification	:D01H1/18	(71)Name of Applicant:
(31) Priority Document No	:10 2013	1)Rieter Ingolstadt GmbH
(31) Thomy Document No	113 308.8	Address of Applicant :Friedrich-Ebert-Strasse 84, 85055
(32) Priority Date	:02/12/2013	Ingolstadt, Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Michael Ueding
Filing Date	:NA	2)J¹⁄₄rgen M¹⁄₄ller
(87) 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 refers to a textile machine, especially to a spinning preparation machine, with a drafting system (1) for drafting a fiber strand (2) being fed to the textile machine (11), with a compressor (4) arranged downstream from the drafting system (1) in a transportation direction (T) of the fiber strand (2) for compressing the fiber strand (2), and with a draw-off device (5) arranged downstream from the compressor (4) in the above-mentioned transportation direction (T) for drawing off the drafted fiber strand (2), in which case the drafting system (1) comprises at least one entrance cylinder (7) that can be powered by a drive (6) and one exit cylinder (8) that can be powered by a drive (6), and whereat the draw-off device (5) comprises at least one draw-off disk (9) that can be powered by a drive (6). According to the invention, means are provided to the textile machine (11) to change the ratio of the circumferential speeds of the exit cylinder (8) and the draw-off disk (9) (= tension draft (A)) while the drafting system (1) is being operated, at least during a part of its starting phase (I) and/or its stopping phase (III).

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

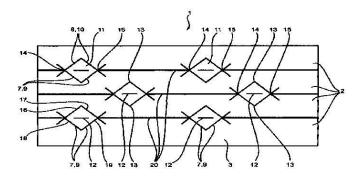
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: THIN-FILM SOLAR MODULE WITH IMPROVED INTERCONNECTION OF SOLAR CELLS, AND METHOD FOR ITS PRODUCTION

:H01L (51) International classification (71)Name of Applicant: (31) Priority Document No :10 2009 027852.4 1)O-CELLS SE (32) Priority Date Address of Applicant: SONNENALLEE 17-21, 06766 :20/07/2009 (33) Name of priority country BITTERFELD-WOLFEN, GERMANY Germany :Germany (86) International Application No :PCT/EP2010/060481 (72)Name of Inventor: Filing Date :20/07/2010 1)VICTOR VERDUGO (87) International Publication No :WO 2011/009860 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a thin-layer solar module 1 containing a plurality of interconnected solar cells 2, comprising in the order indicated the layers (a) a substrate 3; (b) a first electrode layer 4; (c) a semiconductor layer 5; and (d) a second electrode layer 6; wherein at least one non-linear recess 7 is disposed in the first electrode layer 4 and a second non-linear recess 8 is disposed in the second electrode layer 6 and in the semiconductor layer 5, wherein a first projection 9 of the first non-linear recess 7 onto the substrate 3 and a second projection 10 of the second non-linear recess 8 onto the substrate 3 intersect or contact each other at at least two projection points 14,15, the thin-layer solar module 1 has at least one island-shaped contact region 11 extending in a direction vertical to the substrate 3 through the layers (a) through (d) 3,4,5,6 and bounded in a direction parallel to the substrate 3 by the first projection 9 and the second projection 10, and wherein a third recess 12 is present in the semiconductor layer 5 within the island-shaped contact region 11 and is filled with an electrically conductive material, and a fourth recess 20 extending through the first electrode layer 4, the semiconductor layer 5, and the second electrode later 6 between at least two island-shaped contact regions 11. The invention further relates to a method for producing said thin-layer solar module. Fig. 1



No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: COLLAGEN BASED BIOMATERIAL AND A PROCESS FOR THE PREPARATION THEREOF

(51) Intermedical description	·COCE	(71) Name of Applicants
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VENKATACHALAM NATARAJAN
(61) Patent of Addition to Application Number	:NA	2)NATARAJAN KRITHICA
Filing Date	:NA	3)BALARAMAN MADHAN
(62) Divisional to Application Number	:NA	4)MANDAL ASIT BARAN
Filing Date	:NA	

(57) Abstract:

The invention provides the biomaterials comprising of collagen, polysaccharide and polyphenol, wherein the biomaterial is having more biocompatibility and prolonged or enhanced stability against proteolytic enzymes. The biomaterials with the above new properties using the simple addition or inclusion of polyphenols is economical and safer for the tissue engineering and other biomedical applications. The biomaterial can be designed into any physical states or shapes for different kind of applications like injectables, films, foams or other scaffold forms. This can also be used as carrier or vehicle for controlled drug delivery in disease treatment or growth factor delivery in tissue engineering. This also has scope for application in plastic surgery and as implants for the delivery of drugs in tumor treatment.

No. of Pages: 23 No. of Claims: 8

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DESFERRITHIOCIN POLYETHER ANALOGUES AND USES 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 	:25/08/2010 :WO 2011/028255 :NA :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. Address of Applicant: OFFICE OF TECHNOLOGY LICENSING 223 GRINTER HALL P.O. BOX 115500 GAINESVILLE, FL 32611-5500(US) U.S.A. (72)Name of Inventor: 1)BERGERON, RAYMOND, J, JR
Filing Date	:NA	

(57) Abstract:

Desferrithiocin analogues represented by the structural formulae described here, such as formula (I), are useful in treating conditions such as metal overload (e.g., iron overload from transfusion therapy), oxidative stress, and neoplastic and preneoplastic conditions.

No. of Pages: 86 No. of Claims: 42

(22) Date of filing of Application: 12/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention : CONCENTRATE FOR PRODUCING A COOLING AND RELEASE AGENT OR A COOLING AND LUBRICATING AGENT AND SUCH COOLING AND RELEASE AGENTS AND COOLING AND LUBRICATING AGENTS

(51) International classification :C10M 173/02 (31) Priority Document No :10 2009 033 158.1 (32) Priority Date :13/07/2009 (33) Name of priority country :Germany (86) International Application No :PCT/EP2010/059459 Filing Date :02/07/2010 (87) International Publication No :WO 2010/006777 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)KS ALUMINIUM-TECHNOLOGIE GMBH Address of Applicant :HAFENSTRAE 25, 74172

NECKARSULM, GERMANY Germany

2)GELITA AG

(72)Name of Inventor:

1)MANFRED LAUDENKLOS 2)MATTHIAS REIHMANN

(57) Abstract:

Known cooling and release agents or lubricating agents are not biodegradable and tend to form undesired layer buildup when applied repeatedly to the casting die. The invention therefore proposes using a concentrate for producing a cooling and release agent for reusable casting dies, particularly steel casting dies, or a cooling and lubricating agent, particularly for machining, having an active sub¬stance dissolved in water and comprising a protein having a weight proportion of 10% to 50%. Good releasability of the cast parts from the casting die and a good cooling effect on the casting die are obtained using such a cooling and release agent or lubricating agent. Said agent is further biodegradable.

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

(22) Date of filing of Application :21/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR PRODUCING SILICA GLASS PREFORM FOR OPTICAL FIBER

(51) International classification	·C03B37/027	(71)Name of Applicant:
(31) International classification		
(31) Priority Document No	:2013-	1)SHIN-ETSU CHEMICAL CO., LTD.
(b) Thomy Boundary	245500	Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku,
(32) Priority Date	:28/11/2013	Tokyo 100-0004 Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)INOUE, Dai
Filing Date	:NA	2)OYAMADA, Hiroshi
(87) 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 producing a silica glass preform for an optical fiber includes processes for producing a silica glass soot body having a core portion added with a positive dopant and an intermediate portion having a refractive index lower than that of the core portion, heating the silica glass soot body at a temperature for transparently vitrifying the soot body in a helium atmosphere containing a negative dopant raw material and forming a first core rod having the intermediate portion to at least a portion of which a negative dopant is added, giving a silica glass soot layer as a trench portion to an outer circumference of the first core rod, heating the soot layer at a temperature for transparently vitrifying the soot layer in the helium atmosphere and forming a second core rod having the trench portion to entire of which the negative dopant is added, and giving silica glass as a cladding portion to an outer circumference of the second core rod.

No. of Pages: 34 No. of Claims: 11

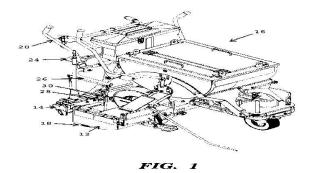
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SHIFT BOX FOR SCREED BOX AND BEAD DISPENSER BOX DEPLOYMENT

(51) International classification	:E01C 23/16	(71)Name of Applicant:
(31) Priority Document No	:61/228,688	1)GRACO MINNESOTA INC.
(32) Priority Date	:27/07/2009	Address of Applicant :88 11TH AVENUE NE
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MINNESOTA 55413-1894 UNITED STATES
(86) International Application No	:PCT/US2010/043203	OF AMERICA U.S.A.
Filing Date	:26/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/017043	1)FREDRICKSON, STEVEN, H.
(61) Patent of Addition to Application	:NA	2)SCHROEDER, JAMES, C.
Number	:NA	3)TRIPLETT, THOMAS, L.
Filing Date	.11/1	4)BEDARD, ROLAND, M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A thermoplastic line striper has a shift box assembly 10 which guides the screed box 12 and bead dispenser box 14 to following positions: (1) the deployed position where the screed box 12 is down and screed gate 18 is open and the bead box dispenser wheel is engaged; (2) non-deployed and down on ground where the screed box 12 is down, the screed gate 18 is closed and the bead box 14 dispenser wheel is disengaged; and (3) non-deployed and raised off the ground where the screed box 12 is raised up, the screed gate 18 is closed and the bead box dispenser 14 wheel is disengaged. In this third position, the stick shift 20 is locked for transport mode by hooking it behind hook 22 in shift plate 24.



No. of Pages: 8 No. of Claims: 2

(21) Application No.476/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: A PROCESS AND APPARATUS FOR GRAIN DRYING AND ACCELARATED AGING OF RICE

:F03D	(71)Name of Applicant:
:NA	1)VIJAY KUMAR SETIA
:NA	Address of Applicant :HOUSE NO. L-281 MODEL TOWN,
:NA	KARNAL 132001 INDIA Haryana India
:NA	(72)Name of Inventor:
:NA	1)SETIA, VIJAY KUMAR
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

A process and an apparatus for grain drying and aging for rice. The apparatus comprises an mechanical agitator which produces swirling spinning spiral motion in the falling grain. The process involves the passing the grain in swirling spinning spiral motion from the upward moving hot air and collected at the bottom. Specifically for rice the dried rice is stored at the bottom for stationary tempering for predetermined time. This stationary tempering accelerate the aging for grain which possess the same performance as naturally aged rice after cooking.

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MICROALGAE FERMENTATION USING CONTROLLED ILLUMINATION

(62) Divisional to Application Number :NA Filing Date :NA	 (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 	:17/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)PHYCOIL BIOTECHNOLOGY INTERNATIONAL INC. Address of Applicant: 1600 Adams Drive Suite 103 Menlo Park CA 94025 United States of America. U.S.A. (72)Name of Inventor: 1)Chung-Soon IM 2)Jane KIM
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(57) Abstract:

Bioreactors and methods for cultivating microalgae are provided herein. The bioreactor and methods include features and modifications to improve heterotrophic growth efficiency by providing a light signal.

No. of Pages: 74 No. of Claims: 48

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SAFETY VALVE WITH VISUAL PRESSURE INDICATOR

 (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 	:F16K15/20 :1362118 :04/12/2013 :France :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SEB S.A. Address of Applicant:Les 4 M Chemin du Petit Bois 69130 ECULL - France France (72)Name of Inventor: 1)BODIN Pierre-Louis, Georges, Henri 2)PRADO NETO Adelio
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(57) Abstract:

Safety valve with visual pressure indicator. - The invention relates to a safety valve (1) for cooking appliance, said valve (1) comprising - an assembly seal (9) fitted in the orifice, said seal being provided with a passage (10) between the inside and the outside of the appliance and a valve seat (11), - and a valve (20) with a first stop means (30) and mounted in the passage (10) and capable of moving in said passage under the effect of the pressure between a closed position of the passage (10) and at least one open position allowing a steam leak, characterised in that the seal (9) is equipped with an upper cavity (16) in which the head (21) is housed in closed position, and length a of the portion of the rod is such that when the first stop means (30) is resting against the seat (11), the head (21) is flush with the limit of the upper cavity (16) or projects outside the upper cavity (16). - Valve for pressure cookers

No. of Pages: 27 No. of Claims: 25

(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INTEGRATED LOCALIZATION STEEL FRAME USED IN LIGHTWEIGHT STEEL BUILDING

(51) International classification	:E04B 1/24	(71)Name of Applicant:
(31) Priority Document No	:200920158989.3	1)HSIEH, YING CHUN
(32) Priority Date	:30/06/2009	Address of Applicant :NO. 16, LN. 132, HEZUO ST.,
(33) Name of priority country	:China	FENGYUAN CITY, TAICHUNG COUNTRY, TAIWAN,
(86) International Application No	:PCT/CN2010/000773	REPUBLIC OF CHINA. China
Filing Date	:01/06/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2010/000206	1)HSIEH, YING CHUN
(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 integrated localization steel frame used in lightweight steel building. The localization steel frame comprises steel columns (2), bracing members (1), and localization members (3) connecting the steel columns (2) and bracing members (1) through fixing connectors (7). The localization members (3) are casted in concrete ring beams (4). The steel columns (2), bracing members (1) and the fixing connectors (7) are connected together in pre-determined positions. The localization steel frame has proper structure, and is stressed uniformly and cost effective in construction. It can be assembled simply on site and can improve the construction efficiency. Hence it is more suitable for practical application.

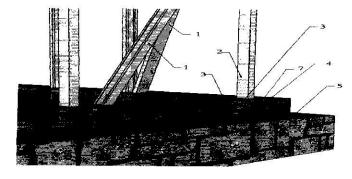


FIG.1

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

(21) Application No.374/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYNERGISTIC ANTIMICROBIAL COMPOSITION

 (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 	:A01N 47/12 :61/273,530 :05/08/2009 :U.S.A. :PCT/US2010/043518 :28/07/2010 :WO 2011/017156 :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)EMERENTIANA SIANAWATI 2)SANGEETA GANGULY
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(57) Abstract:

A synergistic antimicrobial composition containing 3-iodo-2-propynyl-butylcarbamate and fluometuron.

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

(21) Application No.409/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTROMAGNETIC PROCESSING LINE

(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 (33) Name of priority country :U.S.A. :PCT/US2010/041992 :WO 2011/008870 :WO 2011/008870 :NA :NA :NA **NA AKRON, OHIO 44325, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MUKERREM CAKMAK **NA **NA **NA **NA **NA		 (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/US2010/041992 :14/07/2010 :WO 2011/008870 :NA :NA	U.S.A. (72)Name of Inventor:	
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(57) Abstract:

A method for manufacturing a film, the method having the steps creating a cast film having a polymer component, a monomer component, a nanoparticle component, a magnetic-filler component, or a combination thereof; shearing the cast film; aligning a cast-film component by applying an electric field to the cast film; aligning a cast-film component by applying a magnetic field to the cast film; curing or polymerizing a cast-film component; annealing the cast film; and evaporating solvent from the cast film.

No. of Pages: 24 No. of Claims: 35

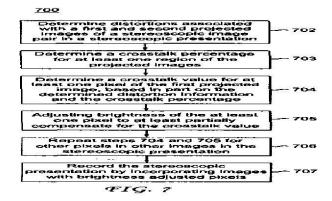
(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR CROSSTALK CORRECTION FOR THREE-DIMENSIONAL (3D) PROJECTION

 (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 	:H04N 13/00 :61/229,276 :29/07/2009 :U.S.A. :PCT/US2010/0043768 :29/07/2010 :WO 2010/014692 :NA :NA	(71)Name of Applicant: 1)THOMSON LICENSING Address of Applicant: 1 RUE JEANNE D'ARC, ISSY-LES-MONULINEAUX CEDEX 92443 (FR) France (72)Name of Inventor: 1)REDMANN, WILLIAM, GIBBENS 2)HUBER, MARK, J. 3)PINES, JOSHUA
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(57) Abstract:

A method for crosstalk compensation of stereoscopic images for three-dimensional projection is disclosed. The method can be used for producing a stereoscopic presentation containing stereoscopic image pairs that incorporate density or brightness adjustments to at least partially compensate for crosstalk contributions from images exhibiting differential distortion.



No. of Pages: 43 No. of Claims: 14

(22) Date of filing of Application:19/03/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: ARRANGEMENT FOR MIXING A FLAVOURING INGREDINT WITH LIQUID CARRIER

 (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 	:A47J 31/18 :09171608.4 :29/09/2009 :EPO :PCT/EP2010/064416 :29/09/2010 :WO 2011/039224 :NA :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND Switzerland (72)Name of Inventor: 1)AGON, FABIEN LUDOVIC 2)PERRIN, ALEXA 3)PERENTES, ALEXANDRE
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(57) Abstract:

An arrangement (20,120,220,320,420,520,620,720,820, 920) to hold a dissolvable and/or dispersible beverage flavouring ingredient in a liquid carrier (105,205,405,505) contained in a device (1,100,200,300, 400,500,900) has: a tank (11) for containing this liquid carrier; and an impeller (14,214,214',514,914) located in this tank for circulating this liquid carrier relative to this ingredient to promote dissolution and/or dispersion of this ingredient in the carrier. Such arrangement has means (26,126,226,326, 426,526,626,726,826,926) for securing a self-sustaining body (2.102.202.302.402.502.602.702.802.902) of this ingredient and means(21,121,221,321,421,521,621,721,821,921) for positioning the securing means in this tank so as to secure a position of this self-sustaining body spaced apart from this impeller. The securing means is configured to allow substantially unrestricted flow of this relatively circulating liquid carrier to a main surface (3.103.203.303.403.503.603.703.803.903) of this self-sustaining body.

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

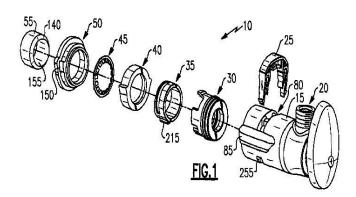
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COUPLING WITH SEAL ACTIVATION

(51) International classification	:B61G	(71)Name of Applicant:
(31) Priority Document No	:12/603,161	1)BRASS-CRAFT MANUFACTURING COMPANY
(32) Priority Date	:21/10/2009	Address of Applicant :39600 ORCHARD HILL PLACE,
(33) Name of priority country	:U.S.A.	NOVI, MICHIGAN 48375-5331 (US). U.S.A.
(86) International Application No	:PCT/US2010/052999	(72)Name of Inventor:
Filing Date	:18/10/2010	1)SCHUTTE, JOSEPH, P.
(87) International Publication No	:WO 2011/049844	2)TURNAU, WILLIAM, FRANKLIN, III
(61) Patent of Addition to Application	:NA	3)SANZONE, BRIAN, D.
Number	:NA	4)YOURMAN, DERRY
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus for connecting a conduit has a body attaching to the conduit, a seal having a shape extending around and minimizing leakage from the conduit, and a activator for enabling the seal so that the seal minimizes leakage from the conduit if the conduit is properly inserted in the body. FIG. 1



No. of Pages: 14 No. of Claims: 9

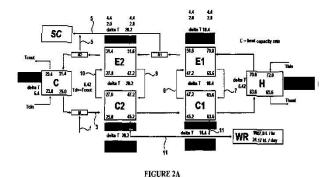
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: THERMAL DISTILLATION SYSTEM AND PROCESS

(51) International classification	:C02F 1/04	(71)Name of Applicant:
(31) Priority Document No	:2009904565	1)PHOENIX WATER
(32) Priority Date	:21/09/2009	Address of Applicant :C/O M&C CORPORATE SERVICES
(33) Name of priority country	:Australia	LIMITED, PO BOX 309GT, UGLAND HOUSE, SOUTH
(86) International Application No	:PCT/AU2010/001242	CHURCH STREET, GEORGE TOWN, KY1-1100, CAYMAN
Filing Date	:21/09/2010	ISLANDS. U.K.
(87) International Publication No	:WO 2011/032237	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)URWIN, PETER, M.
Number	:NA	2)O'CONNELL, MICHAEL, JOHN
Filing Date	.IVA	3)WILSON, KATHRYN, MOIRA
(62) Divisional to Application Number	:NA	4)REES, GLENN
Filing Date	:NA	

(57) Abstract:

A thermal distillation system comprises heating means and cooling means arranged to heat and cool, respectively, treatable liquid in a liquid circuit having a first section between a heating means output and cooling means input, and a second section between an a cooling means output and heating means input, and further comprises distillation stages, each including an evaporator on the first section and a condenser on the second section in heat exchange relationship with liquid in the second section, a carrier gas circuit, on which the evaporator and condenser are arranged, and an output for outputting liquid extracted, wherein the stages are arranged such that their evaporators are disposed along the first section in a direction from the heating means to the cooling means and their condensers are disposed in corresponding order along the second section in a direction from the heating means to the cooling means.



No. of Pages: 60 No. of Claims: 15

(21) Application No.356/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SOLAR CELL FRONT CONTACT DOPING

(32) Priority Date :13/07/2009 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2010/001942 Filing Date :09/07/2010 (87) International Publication No :WO 2010/008254 (61) Patent of Addition to Application :NA	1)FIRST SOLAR, INC. Address of Applicant:28101 CEDAR PARK BOULEVARD, PERRYSBURG, OHIO 43551, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RUI SHAO 2)MARKUS GLOECKLER 3)BENYAMIN BULLER
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(57) Abstract:

A method of doping solar cell front contact can improve the efficiency of CdTe- based or other kinds of solar cells.

No. of Pages: 32 No. of Claims: 112

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: EXTENDED LOW CONTRAST DETECTABILITY FOR RADIOGRAPHIC IMAGING 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 	:G03C 1/46 :61/271,150 :17/07/2009 :U.S.A. :PCT/US2010/002006 :16/07/2010 :WO 2010/008296	(71)Name of Applicant: 1)ROHLER, DAVID, P. Address of Applicant: 3120 BELVOIR BLVD., SHAKER HEIGHTS, OHIO 44122, U.S.A. U.S.A. 2)IZEN, STEVEN, H. 3)TOTH, THOMAS, L. 4)MANIYEDATH, ARJUN, K. 5)DECHANT, THOMAS, E.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	(72)Name of Inventor: 1)ROHLER, DAVID, P. 2)IZEN, STEVEN, H. 3)TOTH, THOMAS, L. 4)MANIYEDATH, ARJUN, K. 5)DECHANT, THOMAS, E.

(57) Abstract:

Systems and methods for determining an extended low contrast detectability performance function for an operating range for a core operating mode of a radiographic imaging system using actual reconstructed images characterize the contrast performance of a radiographic imaging system over its operating range and for any patient size based on the off-line calibration, uses ordered pairs of flux index and contrast index for each scanned object to provide a contrast index for each protocol for each contrast set, and uses the ordered pairs of flux index and contrast index to determine an extended low contrast detectability performance function for the operating range of a radiographic imaging system. Extended low contrast detectability performance data compilation and methods of clinical use, and low contrast phantom configurations and methods of calibration are also disclosed.

No. of Pages: 77 No. of Claims: 62

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEM AND METHOD FOR REMOVING COATING FROM AN EDGE OF A 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 	:H01S 3/08 :61/244,519 :22/09/2009 :U.S.A. :PCT/US2010/049660 :21/09/2010 :WO 2011/037922 :NA :NA :NA	(71)Name of Applicant: 1)FIRST SOLAR, INC. Address of Applicant: 28101 CEDAR PARK BOULEVARD, PERRYSBURG, OHIO 43551, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MICHAEL CATALANO 2)STEPHEN P. MURPHY 3)RONALD MAYERHOFER
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(57) Abstract:

A coating-removal apparatus may include a source positioned on a mounting plate, and operable to emit a laser beam at a first path, where the mounting plate is configured to receive an edge of a photovoltaic module in a designated region substantially proximate to the mounting plate, such that the first path intersects the designated region, and where the mounting plate is further configured to reposition the source to create an additional path that intersects with the designated region, where the additional path is distinct from the first path.

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

(21) Application No.2443/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: STEM CELL CONDITIONED MEDIUM 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 	:C12N 5/071 :0916370.0 :18/09/2009 :U.K. :PCT/GB2010/001739 :16/09/2010 :WO 2011/033260	(71)Name of Applicant: 1)FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED Address of Applicant: BELASIS AVENUE, BILLINGHAM TS23 1LH, UNITED KINGDOM U.K. (72)Name of Inventor: 1)BHUPENDRA VALLABH KARA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A process for preparing a conditioned cell culture medium is provided. The process comprises a) culturing eukaryotic cells in a growth medium having a composition effective to support cell growth; b) separating the cultured cells from the growth medium; and c) maintaining the cultured cells in a basal medium having a composition suitable to maintain cell viability, but not to support substantial cell growth. The cells are preferably dermal sheath, dermal papilla or dermal fibroblast cells. The compositions are useful as pharmaceutical compositions, especially for wound healing.

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

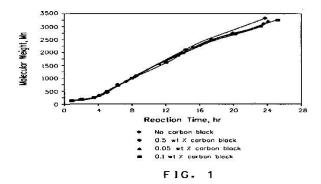
(22) Date of filing of Application: 12/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHODS FOR SYNTHESIZING POLYETHER DIOLS AND POLYESTER DIOLS

 (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 	:16/07/2010 :WO 2010/011276 :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. U.S.A. (72)Name of Inventor: 1)MULIAWAN, EDWARD BUDI 2)SUNKARA, HARI BABU 3)XIE, TUYU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Processes for synthesizing polyether diols and polyester diols are provided. The processes include reacting diols and/or diacids in the presence of carbon black. The processes can be used to produce polymers of a variety of molecular weights.



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

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention : DEVICE THAT CAN BE WORN ON THE BODY OF A USER AND THAT PROVIDES VACUUM FOR MEDICAL USES

(51) International classification :A61M 1/00 (31) Priority Document No :102009038131.7 (32) Priority Date :12/08/2009 (33) Name of priority country :Germany (86) International Application No :PCT/EP2010/004010 Filing Date :02/07/2010 (87) International Publication No :WO 2010/018132 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

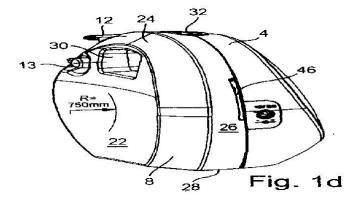
1)PAUL HARTMANN AKTIENGESELLSCHAFT Address of Applicant :PAUL-HARTMANN-STRAE 12, 89522 HEIDENHEIM, GERMANY Germany

2)ATMOS MEDIZIN TECHNIK GMBH & CO.KG

(72)Name of Inventor:
1)ECKSTEIN, AXEL
2)HOFSTETTER, JURGEN
3)MOLLER, MARIO
4)HEER, ANDREAS
5)WEGNER, SIMON

(57) Abstract:

The invention relates to a device (2) for carrying on the body of a user to generate a vacuum for medical applications, in particular, for the vacuum therapy of wounds on the human or animal body, with a vacuum-producing device and a vessel (10) that is disposable after use for receiving body fluids, in particular, wound exudates suctioned out of the wound, and with a connection (12) for a suction tube leading to the body for this purpose, wherein the vacuum-producing device is disposed in a first housing part (4) of the device and the vessel (10) forms a second housing part (8) of the device or is disposed in or on the second housing part (8), and the housing parts (4, 8) are separably fixed one against the other, and wherein the device (2) has fastening means so that it can be worn and earned on the body of the user; to make handling the device more user-friendly, the device is constituted in such a way that the housing parts (4, 8) can be separably fixed to each other by snap-in, latching, or other positive-action locking or back-gripping (34) means and that the locking or back-gripping means (34) can be moved into a release direction by a manually operable operating element (32) and that the first and/or second housing part (4, 8) is constituted for manual gripping so that the device or the first or second housing part (4, 8) can be gripped in this manner and can be separated from the other housing part, and that the manually operable operating element (32) for the locking or back-gripping means (34) is provided in the region of the manual gripping so that a user or a caregiver can, with only one hand, release the locking or back-gripping means (34) while gripping the one housing part (8, 4) and release and remove it from the other housing part (4, 8). (Figure 1d)



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

(21) Application No.373/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ORGANIC-SULPHIDE COMPOSITION WITH MASKED ODOUR

 (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 	:29/07/2010 :WO 2011/012815 :NA :NA	(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant: 420, RUE D'ESTIENNE D'ORVES, F- 92700 COLOMBES FRANCE France (72)Name of Inventor: 1)PAUL-GUILLAUME SCHMITT
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention relates to the masking of the odour of organic sulphides and more particularly that of alkyl sulphides or of dialkyl sulphides, especially dimethyl sulphide, and also of oxides thereof, and especially of dimethyl sulphoxide, by addition, to said organic sulphides, of at least one odour-masking agent comprising at least one monoester, at least one di- or triester, at least one alcohol, at least one ketone and, optionally, at least one terpene.

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

(12) TATENT ALTEICATION TODEICATION

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

:NA

:NA

(54) Title of the invention: METHOD OF FORMING A THREE-DIMENSIONAL MICROSTRUCTURE ON A SURFACE, USES THEREOF, AND MICROSTRUCTURED PRODUCTS SO OBTAINED

(51) International classification :B29C 59/02
(31) Priority Document No :03079017.4
(32) Priority Date :29/12/2003
(33) Name of priority country UNION

(86) International Application No :PCT/BE2005/000001 Filing Date :03/01/2005

(87) International Publication No :WO 2005/063464

(61) Patent of Addition to Application Number Filing Date

(62) Divisional to Application Number :3625/DELNP/2006

Filed on :03/01/2005

(71)Name of Applicant:

(72) Name of Inventor:

1)MACTAC EUROPE S.A.

Address of Applicant :BOULEVARD KENNEDY, B-7060

SOIGNIES, BELGIUM. Belgium

1)STOCQ ROBERT GHISLAIN

(21) Application No.383/DELNP/2012 A

(57) Abstract:

(19) INDIA

A method of forming a three-dimensional microstructure on a flat surface of a support, comprising the application of a first flat and uniform layer (2) of silicone on said surface of support (1) and the application on the first layer of silicone of a second three dimensionally microstructured layer (3) of silicone, said first layer and second layer of silicone become integrally connected to thus form a common three-dimensional microstructure ensuring anti-adhesive properties distributed regularly on the surface of the support, so that any flexible surface of substrate, in particular a surface of adhesive deposited on said layers of silicone will be microstructured by inverse replication of the three-dimensional microstructure formed by the two layers of silicone, where said layers of silicone are fixed by hardening by heating or by exposure to an ultraviolet or electronic radiation, or a combination thereof, applications thereof and films, notably self-adhesive films, such as those microstructured by said method.

No. of Pages: 45 No. of Claims: 25

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONTROLLED RELEASE FORMULATIONS OF LIPOCALIN MUTEINS

 (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 	:A61K 9/16 :61/231,365 :05/08/2009 :U.S.A. :PCT/EP2010/061436 :05/08/2010 :WO 2011/015634 :NA :NA	(71)Name of Applicant: 1)PIERIS AG Address of Applicant:LISE-MEITNER-STR. 30, 85354 FREISING, GERMANY Germany (72)Name of Inventor: 1)HOHLBAUM, ANDREAS 2)HUELSMEYER, MARTIN 3)GILLE, HENDRIK 4)MANTRIPRAGADA, SANKARAM, BHIMA 5)CAMPBELL, KATHLEEN, MARIE
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(57) Abstract:

The present invention relates to pharmaceutical compositions for the controlled release of lipocalin muteins and conjugates thereof with a moiety selected from the group consisting of a protein, protein domain, peptide, lipid, fatty acid, polysaccharide and/or an organic polymer that comprise said lipocalin mutein of conjugate thereof in combination with a biodegradable polymer. The invention further relates to a method for the controlled delivery of the lipocalin muteins or conjugates thereof, methods for the production of a controlled release formulation and the thus produced formulation. Finally, the invention is directed to the use of the formulations of the invention for the controlled delivery of the lipocalin mutein, for extending the in vivo half-life of the lipocalin mutein, for increasing the bioavailability of the lipocalin mutein, or for decreasing the immunogenicity of the lipocalin mutein upon administration to a subject as well as methods for the treatment of a disease or disorder comprising the administration of the formulations of the invention to a subject in need thereof.

No. of Pages: 159 No. of Claims: 62

(21) Application No.528/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD OF PRODUCING SUBSTRATE AND SUPERCONDUCTING WIRE

 (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 	:H01B 13/00 :2009-163513 :10/07/2009 :Japan :PCT/JP2010/06012 :15/06/2010 :WO 2010/004684 :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO ELECTRIC INDUSTRIES, LTD. Address of Applicant:5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 JAPAN Japan 2)TOYO KOHAN CO.,LTD (72)Name of Inventor: 1)HAJIME OTA 2)MASAYA KONISHI 3)TAKASHI YAMAGUCHI
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(57) Abstract:

Method of Producing Substrate and Superconducting Wire The present invention relates to a method of producing a substrate, including the steps of preparing a substrate having a nickel layer (3) formed on a copper layer (2) through plating, subjecting the nickel layer (3) to thermal treatment at 800-1000°C, and epitaxial-growing an intermediate layer (4) on the nickel layer (3), after the step of subjecting the nickel layer (3) to thermal treatment. According to the present invention, there can be provided a substrate that allows the orientation and flatness at the surface of a nickel layer (3) to be improved, and a method of producing the substrate.

No. of Pages: 15 No. of Claims: 4

(21) Application No.2359/DELNP/2012 A

(19) INDIA

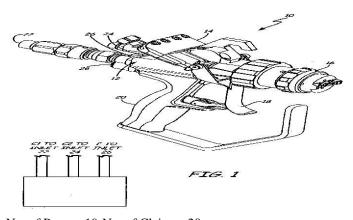
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: VALVE ACTUATOR

(51) International classification	:B05B 7/02	(71)Name of Applicant:
(31) Priority Document No	:61/263,487	1)GRACO MINNESOTA INC.
(32) Priority Date	:23/11/2009	Address of Applicant :P.O. BOX 1441, MINNEAPOLIS, MN
(33) Name of priority country	:U.S.A.	55440-1441, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/003028	(72)Name of Inventor:
Filing Date	:23/11/2010	1)SINDERS STEVEN R.
(87) International Publication No	:WO 2011/062642	2)MC MICHAEL JONATHAN R.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A dispensing gun has a gun body, a first component inlet, a second component inlet, a dispense head, a first valve, a second valve, a clamp, and a trigger. The component inlets are attached to the gun body for receiving components. The dispense head is for dispensing the components. The valves are attached to the gun body and there are valve stems for controlling the dispensing of the components. The clamp has an upper portion and a lower portion, with the first and second valve stems positioned in between the upper and lower portions. The two portions are attached such that the first and second valve stems move with movement of the valve actuator in a direction parallel to the axes of the valve stems. The trigger is attached to the gun body and controls movement of the clamp.



No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PARTICLE PUMP METHODS AND DEVICES

(51) International classification	:B41F	(71)Name of Applicant:
(31) Priority Document No	:61/237,301	1)INBICON A/S
(32) Priority Date	:27/08/2009	Address of Applicant :Kraftv rksvej 53 Sk rb k DK-7000
(33) Name of priority country	:U.S.A.	Fredericia Denmark. Denmark
(86) International Application No	:PCT/IB2010/053864	(72)Name of Inventor:
Filing Date	:27/08/2010	1)Jens FINK
(87) International Publication No	: NA	2)Niels NIELSEN POULSEN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and devices are provided for transfer of particulate material such as biomass feedstocks into and out of pressurized reactors. Improved sluice devices have an L-shaped sluice chamber having an upper vertical component in communication with a horizontal loading chamber and a lower component in communication with a vertical reactor inlet or outlet. Piston valves seal the sluice inlet and outlet by axial displacement across the vertical component of the sluice chamber and across the vertical reactor inlet or outlet. Relative to other methods for reactor unloading these devices consume less steam and significantly reduce furfural content of unloaded pretreated biomass. An optional hybrid plug/sluice method of biomass feeding using the devices permits biomass loading at sluice pressures intermediate between atmospheric and reactor pressure thereby reducing pump cycle • time and increasing biomass throughput capacity.

No. of Pages: 27 No. of Claims: 25

(22) Date of filing of Application :21/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: A PERSONALIZED MULTIFUNCTIONAL ACCESS DEVICE POSSESSING AN INDIVIDUALIZED FORM OF AUTHENTICATING AND CONTROLLING DATA EXCHANGE

(51) International classification	:H04L	(71)Name of Applicant
(31) Priority Document No	:US61/275,945	1)SZOKE, THOMAS
(32) Priority Date	:04/09/2009	Address of Applican
(33) Name of priority country	:U.S.A.	APOPKA, FLORIDA 32
(86) International Application No	:PCT/US2010/047634	2)FOZZATI, DANIE
Filing Date	:02/09/2010	3)VAGO, ANDRAS
(87) International Publication No	:WO 2011/028874	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SZOKE, THOMAS
Number		2)FOZZATI, DANIE
Filing Date	:NA	3)VAGO, ANDRAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

cant: MAS

licant:921 PARKSIDE POINTE BLVD A 32712, UNITED STATES U.S.A.

NIEL AS tor: MAS NIEL

(57) Abstract:

A personalized multifunctional access device that possesses an individualized form of authenticating and controlling data exchange following a unique authentication of a user by the access device, wherein the access is further disposed to create a secure exchange environment' for a user through pairing with a corresponding medium and subsequent authentication.

No. of Pages: 27 No. of Claims: 17

(21) Application No.516/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TOPICAL COMPOSITION CONTAINING IBUPROFEN

 (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 	:24/06/2009 :WO 2010/151240	(71)Name of Applicant: 1)STRATEGIC SCIENCE & TECHNOLOGIES, LLC Address of Applicant:58 CHARLES STREET, CAMBRIDGE, MA 02141, U.S.A. U.S.A. (72)Name of Inventor: 1)FOSSEL, ERIC, THOR
	:NA :NA :NA :NA	

(57) Abstract:

The present invention generally relates to the transdermal delivery of various compositions. In some aspects, the transdermal delivery may be facilitated by the use of a hostile biophysical environment. One set of embodiments provides a composition for topical delivery comprising ibuprofen and/or an ibuprofen salt, a nitric oxide donor, and optionally, a hostile biophysical environment. In some cases, the composition may be stabilized using a stabilization polymer such as xanthan gum, KELTROL® BT and/or KELTROL® RD; propylene glycol; and a polysorbate surfactant such as Polysorbate 20, which unexpectedly provides temperature stability to the composition, e.g., at elevated temperatures such as at least 40 °C (at least about 104 °F), as compared to compositions lacking one or more of these.

No. of Pages: 39 No. of Claims: 112

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: HIGH DENSITY UNIDIRECTIONAL FABRIC FOR SOFT BALLISTICS 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 	:B32B27/00 :61/587310 :17/01/2012 :U.S.A. :PCT/US2013/021905 :17/01/2013 :WO 2013/154643 :NA	(72)Name of Inventor: 1)VAN HEERDEN Jason 2)MACNEIL Jonathan 3)PATEL Chinkal
Filing Date	:NA	4)TOWERY Matt
(62) Divisional to Application Number Filing Date	:NA :NA	5)WILSON Jason 6)DE HAAS Marc Jan

(57) Abstract:

A ballistic article is comprised of high density fibers where the linear mass density of the fibers is greater than 2000 dtex as measured by ASTM D1907 and the fibers in each layer have a total areal density greater than 100 g/m In one example the ballistic article has two sheets comprising para aramid fibers in a styrene and isoprene block copolymer matrix material.

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

(21) Application No.2429/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HOT-MELT ADHESIVE WITH IMPROVED ADHESION ON LOW-ENERGY SURFACES

 (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 	:H01L :09168705.3 :26/08/2009 :EPO :PCT/EP2010/062488 :26/08/2010 : NA :NA :NA	(71)Name of Applicant: 1)SIKA TECHNOLOGY AG Address of Applicant: Zugerstrasse 50 CH-6340 Baar Switzerland. Switzerland (72)Name of Inventor: 1)Dirk URBACH 2)Kai PASCHKOWSKI 3)Martin LINNENBRINK
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(57) Abstract:

The invention relates to a hot-melt adhesive composition the use thereof and a composite body comprising the hot-melt adhesive composition. The hot-melt adhesive composition comprises a polyolefin P which is solid at 25 oC a soft resin WH with a softening point between -10 oC and 40 oC and a polar-modified polyolefin wax PW.

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

(21) Application No.337/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application:12/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD FOR PRODUCING PIGMENTS

(51) International classification	:C09B 45/14	(71)Name of Applicant :
(31) Priority Document No	:09164931.9	1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:08/07/2009	Address of Applicant :51369 LEVERKUSEN, GERMANY,
(22) Name of priority country	:EUROPEAN	Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/059543	1)ULIRICH FELDHUES
Filing Date	:05/07/2010	2)FRANK LINKE
(87) International Publication No	:WO 2010/003851	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Process for preparing pigments of the formula (I) or tautomeric structures thereof and their hydrates, containing melamine or melamine derivatives as guest(s), characterized in that the azobarbituric mono-salt of the formula (IT) is reacted with a nickel compound and melamine or a melamine derivative in the presence of the free azobarbituric acid of the formula (III), the cation C1⊕ is any desired univalent cation or the fraction of any desired multivalent cation that corresponds to a positive charge of one, except for H+.

No. of Pages: 14 No. of Claims: 12

(21) Application No.357/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PHOTOVOLTAIC DEVICES INCLUDING ZINC

(51) International classification	:H01L 31/18	(71)Name of Applicant :
(31) Priority Document No	:61/224,658	1)FIRST SOLAR, INC.
(32) Priority Date	:10/07/2009	Address of Applicant :28101 CEDAR PARK BOULEVARD,
(33) Name of priority country	:U.S.A.	PERRYSBURG, OHIO 43551, UNITED STATES OF
(86) International Application No	:PCT/US2010/041500	
Filing Date	:09/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2010/006050	1)RICK C. POWELL
(61) Patent of Addition to Application	NYA	2)MARKUS GLOECKLER
Number	:NA	3)BENYAMIN BULLER
Filing Date	:NA	4)RUI SHAO
(62) Divisional to Application Number	:NA	,
Filing Date	:NA	

(57) Abstract:

A method of manufacturing a photovoltaic cell may include depositing a cadmium sulfide layer on a transparent conductive oxide stack; depositing a zinc-containing layer on the cadmium sulfide layer; and depositing a cadmium telluride layer on the zinc containing layer.

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

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: GIP RECEPTOR-ACTIVE GLUCAGON COMPOUNDS

 (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 	:C07D :61/187,578 :16/06/2009	 (71)Name of Applicant: 1)Indiana University Research And Technology Corporation Address of Applicant: 351 West 10th Street Indianapolis IN 46202 USA U.S.A. (72)Name of Inventor: 1)Richard D. DiMarchi 2)David L. Smiley 3)Maria DiMarchi 4)Joseph Chabenne 5)Jonathan Day 6)James Patterson 7)Brian P. Ward 8)Ma Tao
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(57) Abstract:

ABSTRACT Glucagon peptides with increased GIP activity are provided optionally with GLP-I and/or glucagon activity. In some embodiments C-terminally extended glucagon peptides comprising an amino acid sequence substantially similar to native glucagon are provided herein.

No. of Pages: 259 No. of Claims: 59

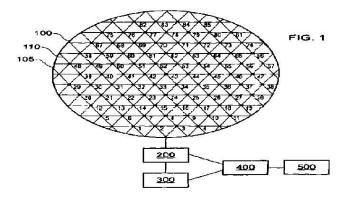
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELECTRICAL IMPEDANCE IMAGING

(51) International classification	:A61B 5/053	(71)Name of Applicant:
(31) Priority Document No	:0912316.7	1)WZVI LIMITED
(32) Priority Date	:15/07/2009	Address of Applicant :ONE VINE STREET, LONDON W1J
(33) Name of priority country	:U.K.	0AH, UNITED KINGDOM, U.K.
(86) International Application No	:PCT/GB2010/001355	(72)Name of Inventor:
Filing Date	:15/07/2010	1)WANG, WEI
(87) International Publication No	:WO 2011/007147	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus for electrical impedance imaging has electrodes (1-85) arranged on an electrode carrier (100) in an arrangement comprising a unit of repetition. The unit of repetition repeats over the electrode carrier (100) and has an angle of rotational symmetry less than 90°. Specifically, the unit of repetition is an equilateral triangle or a hexagon.



No. of Pages: 35 No. of Claims: 34

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REDUCING TRAPPED ENERGETIC PROTON FLUX AT LOW EARTH ORBITS.

(51) International classification :G01K (31) Priority Document No :61/448 (32) Priority Date :02/03/2 (33) Name of priority country :U.S.A. (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	2011 SYSTEMS INTEGRATION INC.
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(57) Abstract:

A system and method for reducing energetic particle flux trapped in the inner radiation belt and gap by injecting Ultra Low Frequency (ULF) electromagnetic waves is disclosed. The ULF electromagnetic waves is generated by space or ground based transmitters and the frequency range is selected such that the injected waves are in gyrofrequency resonance with trapped energetic particles. Pitch angle scattering of the trapped particles in gyro-resonance with the injected waves increases their precipitation rate by forcing their orbits into pitch angles inside the atmospheric loss-cone where they are lost by intaracting with the dense neutral atmosphere at altitudes below 100 km. The reduction of energetic particle flux trapped in the inner radiation belt allows use of commercial electronics with submicron feature size on Low Earth Orbit satellites and microsatellites without the operational constraints imposed by the presence of energetic proton fluxes trapped at the inner radiation belts.

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

(21) Application No.2470/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ORAL COMPOSITION FOR TREATING ORAL MALODOR

 (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 	:A61K 8/27 :NA :NA :NA :PCT/US2009/062017 :26/10/2009 :WO 2011/053273 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NY 10022, U.S.A. U.S.A. (72)Name of Inventor: 1)PILCH SHIRA 2)MASTERS JAMES 3)WON BETTY
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(57) Abstract:

Disclosed are oral care compositions and the use of such oral care compositions for treating or preventing oral malodor. Also disclosed are methods for treatment or prevention of oral malodor. The oral care compositions include serine in an amount effective to reduce oral malodor caused by hydrogen sulfide and/or indole.

No. of Pages: 19 No. of Claims: 25

(21) Application No.2471/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPOUNDS AND COMPOSITIONS AS MODULATORS OF GPR119 ACTIVITY

 (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 	:C07D 401/12 :61/250,424 :09/10/2009 :U.S.A. :PCT/US2010/051186 :01/10/2010 :WO 2011/044001 :NA :NA :NA	(71)Name of Applicant: 1)IRM LLC Address of Applicant:131 FRONT STREET, HAMILTON, HM LX, BERMUDA U.S.A. (72)Name of Inventor: 1)AZIMIOARA MIHAI 2)COW CHRISTOPHER 3)EPPLE ROBERT 4)LELAIS GERALD 5)MECOM JOHN 6)NIKULIN VICTOR
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(57) Abstract:

The invention provides compounds, pharmaceutical compositions comprising such compounds and methods of using such compounds to treat or prevent diseases or disorders associated with the activity of GPR119.

No. of Pages: 94 No. of Claims: 16

(22) Date of filing of Application :12/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: OPSIN-BINDING LIGANDS, COMPOSITIONS AND METHODS OF USE

(71) T	A 013X 05/00	(71) N
(51) International classification	:A01N 35/00	(71)Name of Applicant:
(31) Priority Document No	:61/268,757	1)BIKAM PHARMACEUTICALS, INC.
(32) Priority Date	:16/06/2009	Address of Applicant :12085 RESEARCH DRIVE SUITE BK
(33) Name of priority country	:U.S.A.	ALACHUA, FL 32615, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/00173	(72)Name of Inventor:
Filing Date	:16/06/2010	1)GARVEY, DAVID, S.
(87) International Publication No	:WO 2010/147653	2)LAROSA, GREGORY, J.
(61) Patent of Addition to Application	:NA	3)GREENWOOD, JEREMY, ROBERT
Number	:NA	4)QUACH, TAN
Filing Date	.NA	5)COTE, JAMIE, B.
(62) Divisional to Application Number	:NA	6)BERMAN, JUDD
Filing Date	:NA	7)BREWER, MARK, L.

(57) Abstract:

Compounds and compositions of said compounds along with methods of use of compounds are disclosed for treating ophthalmic conditions related to mislocalization of opsin proteins, the misfolding of mutant opsin proteins and the production of toxic visual cycle products that accumulate in the eye. Compounds and compositions useful in the these methods, either alone or in combination with other therapeutic agents, are also described.

No. of Pages: 219 No. of Claims: 76

(21) Application No.372/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 13/01/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : OPTICALLY ADDRESSED LIGHT VALVE COMPRISING TWO PHOTOCONDUCTING LAYERS PLACED ON EACH SIDE OF AN ELECTRO-OPTICAL MODULATOR

(57) Abstract:

An optically addressed light valve suitable for selectively limiting the transmission of radiation from high intensity light sources comprising an electro-optical modulator sandwiched by two photoconductive layers

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

(21) Application No.406/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ADJUSTABLE FLOW RATE BEAD DISPENSER

(51) International classification	:E01C 23/16	(71)Name of Applicant :
(31) Priority Document No	:61/228,679	1)GRACO MINNESOTA INC.
(32) Priority Date	:27/07/2009	Address of Applicant :88 11TH AVENUE NE,
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MN 55413, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/043210	U.S.A.
Filing Date	:26/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/017044	1)SCHROEDER, JAMES, C.
(61) Patent of Addition to Application	:NA	2)BEDARD, ROLAND, M.
Number	:NA	3)FREDRICKSON, STEVEN, H.
Filing Date	.IVA	4)TRIPLETT, THOMAS, L.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A bead dispenser 10 for use with a line striper controls the amount of beads being dispensed onto a thermal (or other) stripe or marking, minimizing waste by not dropping excessive beads. The bead box 12 is capable of dropping six to ten pounds of beads per one hundred square feet. An adjustable lever 14 with a spring plunger 16 allows the user to choose the glass bead flow rate by simply moving adjuster to one of four settings 18. The adjustable lever 14 is attached to an offset shaft 20 that applies tension to the polyurethane flap 22 when rotated.

No. of Pages: 14 No. of Claims: 2

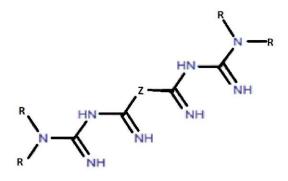
(22) Date of filing of Application :19/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : A HERBAL COMPOUND FROM GLYCINE MAX SEEDS FOR CONTROLLING DIABETES AND DYSLIPIDEMIA

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)University College of Medical Sciences, (a constituent
(32) Priority Date	:NA	college of University of Delhi)
(33) Name of priority country	:NA	Address of Applicant :Dilshad Garden, Delhi-110095 Delhi
(86) International Application No	:PCT//	India
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Suman Bala Sharma
(61) Patent of Addition to Application Number	:NA	2)Richa Gupta
Filing Date	:NA	3)Raja Roy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An anti-hyperglycemic, hypolipidemic and antioxidant compound isolated from germinated seeds of Glycine max extracted having Formula 1 is used as a medicine for the prophylaxis and treatment of diabetes, particularly type 2 diabetes and its complications, insulin resistance, hyperlipidaemias and insulin signalling. Formula I



Formula 1

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

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ENERGY RECOVERY IN SYNGAS 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 	:C07C :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)General Electric Company Address of Applicant: 1 River Road Schenectady New York 12345 USA U.S.A. (72)Name of Inventor: 1)KHOSRAVIAN Khodaram Rustom 2)TYREE Ronald Frederick 3)MCKENNA Patrick Joseph
(61) Patent of Addition to Application Number	:NA	· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The disclosed embodiments include systems for using an expander (138). In a first embodiment a system includes a flow path and a gasification section (112) disposed along the flow path. The gasification section (112) is configured to convert a feedstock (102) into a syngas. The system also includes a scrubber (130) disposed directly downstream of the gasification section (112) and configured to filter the syngas. The system also includes a first expander (138) disposed along the flow path directly downstream from the scrubber (130) and configured to expand the syngas. The syngas comprises an untreated syngas.

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

(21) Application No.365/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SIZING AGENT FOR PAPER

 (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 	:D21H 21/16 :10 2009 036 344.0 :06/08/2009 :Germany :PCT/EP2010/004372 :17/07/2010 :WO 2011/015280 :NA :NA :NA	(71)Name of Applicant: 1)BK GIULINI GMBH Address of Applicant: GIULINISTRASSE 2, 67065 LUDWIGSHAFEN, GERMANY Germany (72)Name of Inventor: 1)GUNNAR KRAMER 2)JOSEF BUNG
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(57) Abstract:

The invention relates to a paste for surface sizing paper, containing an anionic optical brightener and a mixture comprising a cationic polymer dispersion and a cationic or amphoteric alkyl ketene dimer dispersion or emulsion as the sizing agent, and to the use thereof for surface sizing paper, and to the sizing method.

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

(21) Application No.375/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD FOR REMOVAL OF ENTRAINED GAS IN A COMBINED CYCLE POWER GENERATION 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 	:F02C 6/00 :12/503,177 :15/07/2009 :U.S.A. :PCT/US2010/040698 :01/07/2010 :WO 2011/008576	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY Germany (72)Name of Inventor: 1)JAMES C. BELLOWS
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A combined cycle power generation system (10) includes a steam turbine (14, 16, 18), a combustion system (12) including a compressor (24), a combustion chamber (26), a gas turbine (28), and a HRSG (20) to generate steam with energy from the combustion turbine. A flow line (60, 70) passes superheated steam into the combustion chamber. In an associated method a first source of power is provided via a combustion process having a variable reaction temperature in a first turbine. A second source of power is provided via a second turbine. Components of the system are placed in a mode of increasing power output with steam generated from the HRSG, during which a portion of the steam is provided into a combustion chamber associated with operation of the second turbine.

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

(21) Application No.439/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : DUAL STEP PROCESS FOR PRODUCTION OF BUTANOL FROM LIGNOCELLULOSIC BIOMASS USING CLOSTRIDIUM BEIJERINCKII

 (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 	:C21P :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)Bharat Petroleum Corporation Limited Address of Applicant: Bharat Petroleum Corporation Limited, Corporate Research & Development Centre, Plot-2A, Udyog Kendra, Surajpur Industrial Area, Greater Noida - 201 306, Uttar Pradesh, India. Uttar Pradesh India (72)Name of Inventor: 1)TYAGI, Sudha 2)KHANDELWAL, Apoorve 3)YAMA, Mohan 4)RAWAT, Jaya 5)DALAL, Jyotsana 6)DAS, Mrigangu 7)JOY, Sam
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(57) Abstract:

The present disclosure provides a two step process for production of butanol comprising the steps of: a) low temperature pretreatment of lignocellulosic biomass; and b) simultaneous saccharification and extractive co-fermentation (SSECF) of the pretreated lignocellulosic biomass, wherein the saccharification, the fermentation and the extraction are carried out in a single vessel. The fermentation is carried out by a wild type micro-aero-tolerant strain of Clostridium beijerinckii.

No. of Pages: 21 No. of Claims: 13

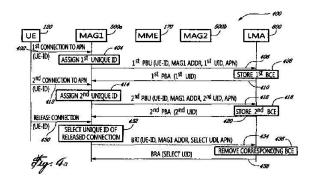
(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHODS AND NODES FOR SETTING UP MULTIPLE PACKET DATA CONNECTIONS OF A USER EQUIPMENT TOWARD AN ACCESS POINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W 60/00 :61/218,640 :19/06/2009 :U.S.A. :PCT/IB2010/052708 :16/06/2010	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)QIANG, ZU
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2010/146548 :NA :NA :NA :NA	T)QIANG, ZU

(57) Abstract:

Methods, a local mobility anchor (LMA) and a mobility access gateway (MAG) are provided for supporting multiple connections of a user equipment (UE) towards a given access point. As a UE connection is set up, the MAG provides a unique identifier (UID) for the connection and sends it toward the LMA. The LMA stores the UID along with an identity of the UE, an address of the MAG and an access point name in a binding cache entry. As the UE sets up an additional connection towards the same access point, the MAG provides another UID, which is also sent to the LMA. The LMA stores a distinct binding cache entry for that distinct UID. If a given connection is released or handed over to another MAG, a UID corresponding to the given connection is used at the LMA to release or update the proper binding cache entry.



No. of Pages: 24 No. of Claims: 20

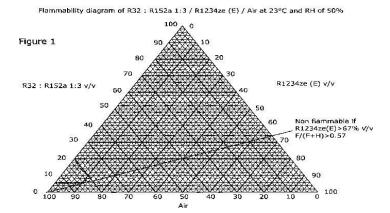
(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: HEAT TRANSFER 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 	:C09K 3/30 :1002625.0 :16/02/2010 :U.K. :PCT/GB2010/002234 :06/12/2010 :WO 2010/101608 :NA :NA	(71)Name of Applicant: 1)MEXICHEM AMANCO HOLDINGS S.A. DE C.V. Address of Applicant :RIO SAN JAVIER NO. 10, FRACCIONAMIENTO, VIVEROS DEL RIO, TLALNEPANTLA, D.F. 54060, MEXICO. Mexico (72)Name of Inventor: 1)LOW ROBERT E
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a heat transfer composition comprising trans-1,3,3,3-tetrafluoropropene (R-1234ze(E)), difluoromethane (R-32) and 1,1-difluoroethane (R-152a).



No. of Pages: 79 No. of Claims: 58

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : SYSTEM AND METHODS FOR VALIDATING MONETARY TRANSACTION USING LOCATION INFORMATION OF A USER

(51) International classification	:G06K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHARMA Dinesh
(32) Priority Date	:NA	Address of Applicant :D7 / 7481 Vasant Kunj New Delhi
(33) Name of priority country	:NA	India. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHARMA 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:

The present invention in a preferred embodiment provides systems and methods for validating monetary transaction using location information of a user, wherein the system comprises, a) a transaction validation server; b) a location information server; c) a data input device; and d) a processing mechanism; wherein, a user shall provide transaction information using the data input device and geographical location information of the data input device which is stored in the location information server shall be compared against a geographical location information of a pre-registered user-owned electronic device, and wherein the geographical location information of a pre-registered user-owned electronic device is also stored in the location information server and based on the comparative results of the processing mechanism the transaction validation server shall validate or invalidate a monetary transaction.

No. of Pages: 31 No. of Claims: 50

(21) Application No.384/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD FOR PRODUCING A STABLE OXIDIZING BIOCIDE

 (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 	:C01B 21/09 :12/546,086 :24/08/2009 :U.S.A. :PCT/US2010/045960 :19/08/2010 :WO 2011/028423 :NA :NA :NA	(71)Name of Applicant: 1)NALCO COMPANY Address of Applicant:1601 W. DIEHL ROAD, NAPERVILLE, ILLINOIS 60563-1198, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)GUPTA, AMIT 2)RAMESH, MANIAN 3)ELLIOTT, RANDALL
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(57) Abstract:

The invention relates to a production method for producing stable chloramine. The method allows for the production of stable chloramine with the use of concentrated Chlorine source and concentrated amine source and agitation during production. The method produces a chloramine that has a pH of at least 5 with a most preferred pH of at least 7 or greater.

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

(21) Application No.585/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SHEAR BLADE GEOMETRY AND METHOD

(51) International classification	:B23D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Hydril USA Manufacturing LLC
(32) Priority Date	:NA	Address of Applicant :3300 N. Sam Houston Parkway East
(33) Name of priority country	:NA	Houston Texas 77032 USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)YADAV Seemant
(87) International Publication No	: NA	2)MELENDEZ Luis Rene
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A pair of shear blades and a blowout preventer having the pair of shear blades. The shear blades are configured to cut a tubular inside the blowout preventer. The shear blades have different geometries of the front cutting surfaces. One geometry promotes a secure positioning of the tubular relative to the first blade while the second geometry promotes a puncturing of the tubular by the second blade.

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

(22) Date of filing of Application :02/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : FLIGHT MANAGEMENT SYSTEM WITH INTEGRATED TACTICAL COMMANDS FOR USE WITH AN AIRCRAFT AND METHOD OF OPERATING 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 	:G11B :12/986838 :07/01/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)GE AVIATION SYSTEMS LLC Address of Applicant: 3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A U.S.A. (72)Name of Inventor: 1)WALTER, RANDY LYNN
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A flight management system (24) for use in automatically generating a flight path trajectory (26) for an aircraft (10) is provided. The flight path trajectory including a plurality of waypoints (28) and a plurality of vectors (30) extending between each waypoint of the plurality of waypoints, the flight management system including a processor (302) is configured to calculate a first flight path trajectory (36) including an origin waypoint (40) and a destination waypoint (42), receive a tactical command indicating a change in flight trajectory, and calculate a second flight path trajectory (38) based at least in part on the tactical command, the calculated second flight path trajectory including a departure waypoint along the first flight path trajectory, an intercept waypoint (48) along the first flight path trajectory, and a departure vector from the departure waypoint (46) to the intercept waypoint.

No. of Pages: 25 No. of Claims: 10

(22) Date of filing of Application :22/07/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: COLD ROLLED STEEL SHEET PLATED STEEL SHEET METHOD FOR PRODUCING COLD ROLLED STEEL SHEET AND METHOD FOR PRODUCING PLATED STEEL SHEET

(51) International classification: C22C38/00, C21D9/46, C22C38/14 (71) Name of Applicant:

:NA

:WO 2013/121953

(31) Priority Document No :2012028271 (32) Priority Date :13/02/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/052762

:06/02/2013

Filing Date

(87) International Publication

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

Filing Date (62) Divisional to Application :NA Number

Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72)Name of Inventor: 1)KONDO Yusuke

2)HAYASHI Kunio 3)OGAWA Toshio 4)MATSUTANI Naoki

5)GOTO Koichi

(57) Abstract:

This cold rolled steel sheet contains in mass% from 0.020% to 0.080% (inclusive) of C from 0.20% to 1.00% (inclusive) of Si from 0.80% to 2.30% (inclusive) of Mn and from 0.010% to 0.100% (inclusive) of Al while containing Nb and/or Ti so that the condition 0.005% = Nb + Ti < 0.030% is satisfied. The metal structure of this cold rolled steel sheet is composed of ferrite bainite and other phases; and the area ratio of the ferrite is 80% or more but less than 95% the area ratio of non recrystallized ferrite in the ferrite is 1% or more but less than 10% and the area ratio of the bainite is from 5% to 20%. The total of the fractions of the other phases is less than 8%. A carbonitride containing one or both of Nb and Ti has a circle equivalent diameter of from 1 nm to 10 nm (inclusive). This cold rolled steel sheet has a tensile strength of 590 MPa or more.

No. of Pages: 43 No. of Claims: 6

(21) Application No.6147/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: METHOD AND APPARATUS FOR THE PREPARATION OF A CRISP FOOD PRODUCT

(51) International :A47J37/12,A23L1/164,A23L1/212

classification

(31) Priority Document No :2011/09473 (32) Priority Date :22/12/2011 (33) Name of priority country: South Africa

(86) International Application :PCT/IB2012/057634

:21/12/2012 Filing Date

(87) International Publication

:WO 2013/093886

(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)MELNYCZUK Tania Maria

Address of Applicant: C201 La Rez Bird Street 7600

Stellenbosch South Africa (72) Name of Inventor:

1)MELNYCZUK Michaelo Peter

A crisp food product is prepared in a first phase from thin food pieces of raw fruit vegetable or gelatinizable proteins by blanching them (if necessary) and drying them. A second phase takes place in a vacuum chamber where the dried thin food pieces are exposed to heat to expand them are quickly removed from the heat source and are cooled before being removed from the vacuum.

No. of Pages: 71 No. of Claims: 19

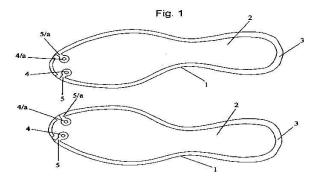
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INJECTION MOULD WITH COMPENSATION CHAMBER FOR MOULDING TPU AND OTHER THERMOPLASTIC MATERIALS ON RUBBER TREAD

 (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 	:B29C 45/00 :AN2009A000047 :11/08/2009 :Italy :PCT/EP2010/004742 :03/08/2010 :WO 2011/018171 :NA	(71)Name of Applicant: 1)EUROSUOLE S.P.A. Address of Applicant: VIA S. PERTINI, 8-ZONA INDUSTRIALE A, 62012 CIVITANOVA MARCHE (MC), ITALY, Italy (72)Name of Inventor: 1)ERCOLI, GERMANO
* * *	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the footwear sector and more specifically concerns a sole mould (1) for footwear with rubber bottom or tread (2) on which TPU or other thermoplastic materials are injection moulded wherein one or more compensation chambers (4, 4a) that, placed in the area opposite the area where the injected TPU or thermoplastic material is put in, are able to automatically absorb all the possible volume differences caused by expansion of the rubber tread and to automatically compensate the amount of injected thermoplastic material so as to ensure its uniform distribution around the whole perimeter of the rubber bottom or tread of the shoe.



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

(21) Application No.6142/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention : DEVICE FOR REVERSING THE MOVEMENT AND/OR ACTUATION DIRECTION OF AN ACTUATING CABLE OF A MECHANISM

 (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 	:F16C1/12 :10 2012 201 709.7 :06/02/2012 :Germany :PCT/EP2013/052124 :04/02/2013 :WO 2013/117510 :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant: Industriestrae 20 30 51399 Burscheid Germany (72)Name of Inventor: 1)KULKARNI Ketan 2)BEILING Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a device (1) for reversing the movement and/or actuation direction of an actuating cable (2) of a mechanism. According to the invention a sliding piston (5) is arranged in a housing (3) which is fixed to the frame so as to be displaceable in a sliding manner and the sliding piston can be displaced by means of the actuating cable (2). At least one actuating element (6) is arranged laterally on the sliding piston (5) the direction of movement of said actuating element being opposite the direction of movement of the actuating cable (2) and said actuating element being mechanically coupled to the mechanism. (Fig. 1)

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

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOVEL PROCESS FOR THE MANUFACTURE OF METHYL LIMONITRILE

(51) International classification :C07C253/30,C (31) Priority Document No :12155593.2 (32) Priority Date :15/02/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/052685 Filing Date :11/02/2013

(87) International Publication No :WO 2013/120805

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

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

:C07C253/30,C07C255/07 (71)Name of Applicant : :12155593.2 1)DSM IP ASSETS B.V.

Address of Applicant :Het Overloon 1 NL 6411 Te Heerlen

Netherlands

(72)Name of Inventor:1)BEUMER Raphael2)BONRATH Werner

3)DORN Silke 4)WILDERMANN Angela

(57) Abstract:

The present invention is directed to a process for the manufacture of methyl limonitrile comprising a mixture of 3 7 dimethyl 2 6 nonadiene nitrile 3 7 dimethyl 3 6 nonadiene nitrile and 7 methyl 3 methylene 6 nonene nitrile comprising the following steps: a) reacting 6 methyl 5 octen 2 one with cyano acetic acid and removing carbon dioxide and water wherein the reaction and the removal of carbon dioxide and water are performed in the presence of a base and a co base in an organic solvent wherein the base is pyridine wherein the co base is 1 4 diamino butane and wherein the organic solvent is a solvent which forms a heteroazeotrop with water; b) removing the solvent and pyridine of the reaction mixture obtained after having performed step a) or step c) by distillation to obtain a reaction mixture; c) isomerizing the reaction mixture obtained after having performed step a) or step b) to obtain an isomerized reaction mixture; whereby step b) can be performed before or after step c).

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

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOVEL PROCESS FOR THE MANUFACTURE OF METHYL LIMONITRILE

(51) International classification:C07C253/30(31) Priority Document No:12155595.7(32) Priority Date:15/02/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/052689 Filing Date :11/02/2013

(87) International Publication No :WO 2013/120808

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

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

:C07C253/30,C07C255/07 (71)Name of Applicant : :12155595.7 1)DSM IP ASSETS B.V.

Address of Applicant :Het Overloon 1 NL 6411 Te Heerlen

Netherlands

(72)Name of Inventor:1)WILDERMANN Angela2)BONRATH Werner3)BEUMER Raphael

4)DORN Silke

(57) Abstract:

The present invention is directed to a process for the manufacture of methyl limonitrile comprising a mixture of 3 7 dimethyl 2 6 nonadiene nitrile 3 7 dimethyl 3 6 nonadiene nitrile and 7 methyl 3 methylene 6 nonene nitrile comprising the following steps: a) reacting 6 methyl 5 octen 2 one with cyano acetic acid and removing carbon dioxide and water wherein the reaction and the removal of carbon dioxide and water are performed in the presence of a base and a co base 1 in an organic solvent and wherein the organic solvent is a solvent which forms a heteroazeotrop with water; b) removing the solvent and the base of the reaction mixture obtained after having performed step a) or step c) by distillation to obtain a reaction mixture whereby this step may optionally be performed in the presence of a co base 2; c) isomerizing the reaction mixture obtained after having performed step a) or step b) to obtain an isomerized reaction mixture in the presence of a co base 2; whereby step b) can be performed before or after step c).

No. of Pages: 43 No. of Claims: 23

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEM AND MACHINE FOR THE PREPARATION OF BEVERAGES USING CAPSULES

(51) International classification	:A47J31/36	(71)Name of Applicant:
(31) Priority Document No	:TO2012A000061	1)LUIGI LAVAZZA S.P.A.
(32) Priority Date	:25/01/2012	Address of Applicant :Corso Novara 59 I 10154 Torino Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:PCT/IB2013/050619	1)BUGNANO Luca
Filing Date	:24/01/2013	2)CABILLI Alberto
(87) International Publication No	:WO 2013/111088	3)VANNI Alfredo
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The system comprises a capsule (1) which has first and second end walls (3 2f) and an annular side wall (2e) and which contains a dose of a substance for preparation of the beverage and a machine (M) comprising an infusion assembly (G) designed to receive a capsule (1) and having an inlet (30 31) for supplying a flow of pressurized water to be introduced into the capsule (1) and a delivery outlet (14) for outflow of the beverage formed in the infusion assembly (G) towards a collecting container. The infusion assembly (G) includes a plurality of parts (10 12) which can be moved away from and towards each other and can be sealingly coupled together so as to define as a whole an infusion chamber into which the capsule (1) can be introduced. In at least one (11) of these parts (10 12) of the infusion assembly (G) there is provided a perforation device (21; 121) designed to perforate the capsule (1) arranged in the infusion chamber (20 22). The infusion chamber (20 22) is able to define with respect to a capsule (1) positioned there an annular interspace (20 22) in which a transversely protruding portion (2b; 2h) of the side wall of the capsule (1) extends and which can be connected to the supply water inlet (30 31) and is separated in a liquid tight manner from the delivery outlet (14). The perforation device comprises an annular perforation member (21; 121) which in the closed condition of the infusion chamber (20 22) extends into the interspace (20 22) and is designed to cause a tear in the protruding portion (2b; 2h) of the wall of the capsule (1) contained inside the chamber (20 22) such that a flow of pressurized water can be introduced into the capsule (1) through the interspace or gap (20 22) and said tear.

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

(21) Application No.6155/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 22/07/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: PACKAGING WINE IN ALUMINIUM CONTAINERS

(51) International classification :B67C3/00,B65D1/12,B65D1/16 (71)Name of Applicant : (31) Priority Document No :2011905410 (32) Priority Date :23/12/2011

(33) Name of priority country :Australia

(86) International Application No:PCT/AU2012/001609

Filing Date :24/12/2012

(87) International Publication No: WO 2013/091029

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

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

Address of Applicant :66 Lillie Crescent Tullamarine VIC 3043 Australia

(72) Name of Inventor:

1)BAROKES PTY LTD

1)STOKES Gregory John Charles 2)BARICS Steven John Anthony

(57) Abstract:

A method of filling an aluminum container with wine and an aluminum container filled with wine characterized in that the wine has a pH between 2.9 and 3.5 and the filled aluminum container of wine has a molecular sulphur dioxide content of between 0.4 and 0.8 mg/L and further characterized in that prior to filling the wine was micro filtered in a two stage microfiltration treatment wherein the filter pore diameters are 1.0 µm or less in the first stage filter housing and 0.20 µm to 0.45 µm in at least one subsequent stage filter housing.

No. of Pages: 49 No. of Claims: 10

(21) Application No.6156/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: WINE PACKAGED IN ALUMINIUM CONTAINERS

(51) International classification :B67C3/00,B65D1/12,B65D1/16 (71)Name of Applicant : (31) Priority Document No :2011905410 (32) Priority Date :23/12/2011 (33) Name of priority country :Australia

(86) International Application No:PCT/AU2012/001610

Filing Date :24/12/2012 (87) International Publication No: WO 2013/091030

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

:NA Number :NA Filing Date

1)BAROKES PTY LTD

Address of Applicant :66 Lillee Crescent Tullamarine VIC

3043 Australia

(72) Name of Inventor:

1)STOKES Gregory John Charles 2)BARICS Steven John Anthony

(57) Abstract:

2A method of filling an aluminium container with wine and a filled aluminium container containing a wine characterised in that the maximum oxygen content of the head space is 1 % v/v and the wine prior to filling is micro filtered and dissolved oxygen levels throughout the aluminium container filling process are maintained up to 0.5 mg/L, and final levels of dissolved CO are from 50 ppm for white and sparkling wines and from 50 ppm to 400 ppm for red wines prior to filling the container.

No. of Pages: 48 No. of Claims: 13

(21) Application No.6157/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD OF FORMING A SPROCKET

 (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 	:25/01/2013 :WO 2013/116095 :NA :NA	(71)Name of Applicant: 1)THE GATES CORPORATION Address of Applicant: (a Delaware Corporation) 1551 Wewatta Street Denver CO 80202 U.S.A. (72)Name of Inventor: 1)HODJAT Yahya
Filing Date	:NA	

(57) Abstract:

A method of forming a sprocket comprising forming a circular blank having a plane (100) cutting a plurality of radially extending slots (10) about the outer circumference (11) of the blank (100) thereby forming a plurality of adjacent tabs (12) bending the tabs 90 degrees to the blank plane and forming each tab (12) into a tooth form with a groove disposed between adjacent teeth.

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

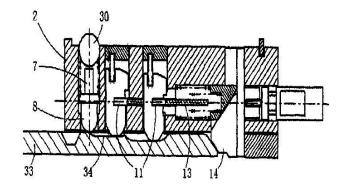
(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A LOCK.

 (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 	:E05B 27/00 :CN 200910033481.5 :22/06/2009 :China :PCT/CN2010/000916 :22/06/2010 :WO 2010/148642	(71)Name of Applicant: 1)MA, XUEWEN Address of Applicant:ROOM 105, BUILDING 46, NANJING CITY, XINHUA SIX VILLAGE, DACHANG NANJING, JIANGSU 210044, CHINA (CN) China (72)Name of Inventor: 1)MA, XUEWEN
(61) Patent of Addition to Application	:WO 2010/148642 :NA	1)MA, XUEWEN
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A lock, to be specific, a secondary key lock, which comprises: a lock body, a plug, inner pins having secret key notches, a code distinguishing plate, and a plug pin or clutch bolt. The improvement made to this kind of lock by the present invention is that the code distinguishing plate is improved to be an axial and normally relaxed code distinguishing plate, and that a drive means for driving the code distinguishing plate and a lock unlocking control member controlled by the code distinguishing plate are provided in the lock; the code distinguishing action of the code distinguishing plate is indirectly driven by the drive means through a spring; the drive means is a turning drive means or a key insertion drive means comprising a line-bit key; the lock unlocking control member is a rigid plug pin or/and a clutch bolt. A further improvement made to such kind of lock by the present invention is that the inner pins thereof are arranged radially in a row or arranged radially in more than one row. The lock provided by the present invention that is made of a key insertion drive means in combination with a clutch bolt and locating steel balls can be used in locks that require precise locating.



No. of Pages: 43 No. of Claims: 10

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SHIELDING ELEMENT FOR THE USE IN MEDIUM VOLTAGE SWITCHGEARS

(51) International classification	:H01H33/662	(71)Name of Applicant:
(31) Priority Document No	:12000484.1	1)ABB TECHNOLOGY AG
(32) Priority Date	:26/01/2012	Address of Applicant : Affolternstrasse 44 CH 8050 Zurich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/000213	(72)Name of Inventor:
Filing Date	:24/01/2013	1)GENTSCH Dietmar
(87) International Publication No	:WO 2013/110460	2)SHANG Wenkai
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a shielding element for the use in medium voltage switchgears with vacuum interrupters with at least two contacts which are movable along a switching path between closed and open contact position wherein the shielding element is positioned around the contact position region in the vacuum interrupter wherein at least the inner surface of the shielding is applied with a topographic structure which is a rough or a structured surface according to claim 1. In order to enhance the energy absorbance behavior of the at least the shielding the implemented topographic structure is formed in such a way that by given constant or approximately constant volume (Vi) of the shielding body the surface ratio of the treated surface (S2) with implemented surface structure and a untreated surface (S1) without topographic structure is greater than 1 so that this follows the condition V1 V2 and S2/S1 >1.

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

(21) Application No.616/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : RESOURCE ALLOCATION METHODS AND USE THEREOF FOR SOUNDING REFERENCE SIGNALS IN UPLINK

(51) International classification(31) Priority Document No(32) Priority Date	:H04N :NA :NA	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY Address of Applicant: KARAPORTTI 3, FI - 02610 ESPOO,
(33) Name of priority country	:NA	FINLAND Finland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NATARAJAN, BALAMURALI
(87) International Publication No	:NA	2)KALYANASUNDARAM, SURESH
(61) Patent of Addition to Application Number	:NA	3)AGARWAL, RAJEEV
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus, methods, and program products are presented that perform the following: allocating a set of sounding reference signal resources in a sounding reference signal resource space to a plurality of user equipment using a portioning scheme, and signaling indications of the allocated set of sounding reference signal resources to the plurality of user equipment. The portioning scheme may be a load balancing, complete partitioning, or hybrid scheme. The selection of a portioning scheme may be based on load.

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

(22) Date of filing of Application :23/01/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention: HELICOPTER ENGINE AIR INTAKE WITH IMPROVED BYPASS FLOW

:B64D33/02,F02C7/055 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TURBOMECA :1257385 (32) Priority Date :30/07/2012 Address of Applicant :F 64510 Bordes France (33) Name of priority country (72) Name of Inventor: :France (86) International Application No 1)JACTAT Paul Etienne :PCT/FR2013/051809 Filing Date :26/07/2013 2)BULOT Nicolas (87) International Publication No :WO 2014/020267 3)LEBRUSQ Pascal (61) Patent of Addition to Application 4) VERGEZ Thierry :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Helicopter engine air intake provided with an anti icing grating that offers significant bypass flow in the event of icing. According to the invention this air intake comprises air intake lips (30,32) and an anti icing grating (36) mounted on the external ends (30a,32a) of the air intake lips (30, 32) and which is interposed in the flow of air entering the air intake (34) at least one air intake lip (30,32) being formed of thin sheet metal.

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

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention : MULTI-GRADE ENGINE OIL FORMULATIONS COMPRISING A BIO-DERIVED ESTER COMPONENT

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:12/548,191	1)CHEVRON U.S.A. INC.
(32) Priority Date	:26/08/2009	Address of Applicant :6001 Bollinger Canyon Road San
(33) Name of priority country	:U.S.A.	Ramon California U.S.A.
(86) International Application No	:PCT/US2010/042641	(72)Name of Inventor:
Filing Date	:20/07/2010	1)MILLER Stephen Joseph
(87) International Publication No	: NA	2)ELOMARI Saleh A.
(61) Patent of Addition to Application	:NA	3)ZHOU Zhen
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The present invention is generally directed to the present invention provides for multi-grade engine oil formulations comprising a diester component wherein the diester component comprises vicinal diester species and wherein at least a portion of said diester component is bio-derived. Many such formulations of the present invention are expected to favorably compete with similar existing formulations comprising synthetic esters but such formulations are generally expected to meet or exceed such existing formulations in a number of areas including but not limited to economics biodegradability and/or toxicity.

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

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: ADAPTOR FOR COUPLING TO A MEDICAL CONTAINER

 (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 	:01/02/2013 :WO 2013/115731 :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON HOLDINGS PTE LTD. Address of Applicant: 30 Tuas Avenue 2 singapore 639461 Singapore (72)Name of Inventor: 1)CARREL Franck 2)MARITAN Lionel 3)PEROT Frederic
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an adaptor (210) for coupling with a medical container having a collar closed by a septum comprising: a tubular body (220) closed at its distal end with a transversal wall (222) from which extends a hollow spike (224) and at its proximal end by a pierceable elastomeric piece (230) comprising a cavity comprising a plurality of circumferentially distributed chambers (225) each chamber being connected to said hollow spike by a radial channel said tubular body further receiving an intermediate piece (240) comprising a plurality of through holes (242) aligned on said chambers a selecting member (250) comprising a closure wall provided with one opening (253) capable of rotating so that said opening is successively aligned with each of said through holes a gripping member (227b) for securing the adaptor to the medical container. The invention also relates to an assembly comprising said adaptor and a medical container.

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

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONTINUOUSLY VARIABLE TOROIDAL TRANSMISSION

 (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 	:F16H15/38 :1200357.0 :10/01/2012 :U.K. :PCT/EP2013/050431 :10/01/2013 :WO 2013/104731 :NA :NA	(71)Name of Applicant: 1)TOROTRAK (DEVELOPMENT) LTD Address of Applicant: 1 Aston Way Leyland Lancashire PR26 7UX U.K. (72)Name of Inventor: 1)DE FREITAS Andrew 2)DUTSON Brian
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a toroidal variator a plurality of rolling elements (20 22) are in driving engagement with an input and output race (10 14) at respective contact regions. Each rolling element (20 22) is mounted on a carriage assembly (26) for rotation about a rolling axis and is being free to pivot about a tilt axis the tilt axis passing through the rolling element (20 22) perpendicular to the rolling axis and intersecting the rolling axis at a roller centre whereby a change in the tilt axis causes a change in the variator ratio being the ratio of rotational speeds of the races. The tilt axis is arranged at an angle known as castor angle (see Fig.4) to a plane (P) perpendicular to the variator axis (V). Each carriage assembly (26) can cause a movement of the rolling element (20 22) with a component of rotation about a pitch axis (A B). The pitch axis is defined as passing through the roller centre and through the contact regions. Pitching the roller elements (20 22) causes them to tilt thereby changing the transmission ratio.

No. of Pages: 35 No. of Claims: 46

(21) Application No.6164/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention: IMMUNOGENS FOR HIV VACCINATION

(51) International classification	:C07K14/16,A61K39/21	(71)Name of Applicant:
(31) Priority Document No	:12382031.8	1)LABORATORIOS DEL DR. ESTEVE S.A.
(32) Priority Date	:27/01/2012	Address of Applicant :Avda. Mare de Du de Montserrat 221 E
(33) Name of priority country	:EPO	08041 Barcelona Spain
(86) International Application No	:PCT/EP2013/051596	2)FUNDACI PRIVADA INSTITUT DE RECERCA DE LA
Filing Date	:28/01/2013	SIDA CAIXA
(87) International Publication No	:WO 2013/110818	3)INSTITUCI CATALANA DE RECERCA I ESTUDIS
(61) Patent of Addition to Application	:NA	AVAN‡ATS
Number	:NA	(72)Name of Inventor:
Filing Date	IVA	1)BRANDER Christian
(62) Divisional to Application Number	:NA	2)MOTHE PUJADAS Beatriz
Filing Date	:NA	3)LLANO Anuska

(57) Abstract:

The present invention relates to novel immunogens based on overlapping peptides (OLPs) and peptides derived therefrom useful for the prevention and treatment of AIDS and its related opportunistic diseases. The invention also relates to isolated nucleic acids vectors and host cells expressing these immunogens as well as vaccines including said immunogens.

No. of Pages: 94 No. of Claims: 27

(21) Application No.3348/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONTROL DEVICE FOR HYBRID VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:b60k :2013- 240587 :21/11/2013	(71)Name of Applicant: 1)Suzuki Motor Corporation Address of Applicant: 300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country (86) International Application No	:Japan :NA	(72)Name of Inventor: 1)ITO, Yoshiki
Filing Date	:NA	1)11O, 10SHKI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided a control device for a hybrid vehicle. An engine is configured to output a driving force. A planetary gear mechanism is coupled to the engine. A motor-generator is coupled to the planetary gear mechanism. The engine and the motor-generator are coupled to an output shaft via the planetary gear mechanism. The control device is configured to control an output value of the motor-generator so that a rotational speed of the engine converges with a target rotational speed of the engine. The control device includes control means for calculating a estimated value of the driving force of the engine lost by the planetary gear mechanism and calculating the output value of the motor-generator in response to the estimated value.

No. of Pages: 23 No. of Claims: 1

(21) Application No.3456/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: VEHICLE CONTROL DEVICE

(51) International classification	:B60K6/445	(71)Name of Applicant:
(31) Priority Document No	:2013- 247522	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:29/11/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KOBAYASHI, Kenichiro
Filing Date	:NA	2)MORIKAWA, Tomoaki
(87) International Publication No	: NA	3)WATANABE, Teruaki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided a vehicle control device. A motor is configured to be driven by a power. An engine is configured to perform a power generation by actuating at least a generator. Controller is configured to control driving of the motor and the engine. The controller performs a control so that start of operation of the generator by the engine is carried out earlier in time than start of the driving of the motor.

No. of Pages: 18 No. of Claims: 4

(21) Application No.355/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND SYSTEM FOR TRADITIONAL FIXED NETWORK USERS ACCESSING INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM DOMAIN

(51) International classification :H04L (71)Name of Applicant: (31) Priority Document No :200910148685.3 1)ZTE CORPORATION (32) Priority Date Address of Applicant :ZTE Plaza Keji Road South Hi-Tech :26/06/2009 (33) Name of priority country Industrial Park Nanshan Shenzhen Guangdong 518057 China :China (86) International Application No :PCT/CN2010/071892 Filing Date (72) Name of Inventor: :19/04/2010 (87) International Publication No : NA 1)XU Jinlei; (61) Patent of Addition to Application 2)KE Zhen: :NA Number 3)LI Meng; :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

ABSTRACT METHOD AND SYSTEM FOR TRADITIONAL FIXED NETWORK USERS ACCESSING INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM DOMAIN The present invention discloses a method and system for traditional fixed network users accessing Internet Protocol Multimedia Subsystem (IMS) domain, both of the method and system can classify fixed network users in a same region into a group, and configure group information in an access gateway control function; when an access gateway initiates fixed network user registration to the access gateway control function, the access gateway control function initiating group registration to an interrogating call session control function according to the group to which the fixed network users belong; the interrogating call session control function interrogates to a home subscriber server about a service call session control function to which the group belongs, and the group is registered to the service call session control function. The method and system of the present invention greatly reduce the generation of register messages, increase the registration efficiency and overcome the defects that there is a long registration time delay and a great traffic when the fixed network users access IMS domain in the prior art.

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

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

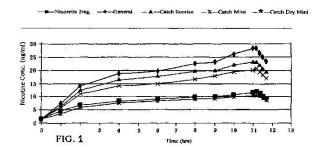
(54) Title of the invention: SMOKELESS TOBACCO PRODUCT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A24B 13/00 :12/494,960 :30/06/2009 :U.S.A.	(71)Name of Applicant: 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant: QUAI JEANRENAUD 3, CH-2000 NEUCHATEL (CH) China (72)Name of Inventor:
Filing Date	:29/06/2010	1)FUISZ, RICHARD C.
(87) International Publication No	:WO 2011/011168	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A melt spun tobacco composition, e.g., in flake or particle form, for oral use in a mammal made by melt spinning comprising tobacco and/or a tobacco extract and at least one material which is solid at room temperature, which melts at or below 500F, and carries from 1 % to 70% of tobacco when processed through melt spinning, and solidifies again in less than 5 seconds after melt spinning.

Nicotine plasma concentration-time curves



No. of Pages: 43 No. of Claims: 46

(21) Application No.6175/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CANAL 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 Filing Date 	:NL2008046 :27/12/2011 :Netherlands :PCT/NL2012/050893 :14/12/2012 :WO 2013/100763 :NA :NA	 (71)Name of Applicant: 1)VAN OVERLOOP Peter Jules Address of Applicant: Noorddijkstraat 56 NL 4318 BK Brouwershaven Netherlands (72)Name of Inventor: 1)VAN OVERLOOP Peter Jules
1 (41110-01	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a canal control system for controlling the water level or water flow in a canal system (2) comprising: (a) a centralized master controller (20) (b) a local slave controller (30) (c) a wireless communication system between the centralized master controller and the local slave controller (d) a (fixed) reference point (8) or (movable) marker (11) relating to the water level in the canal system and (e) an adjustable actuator (9) in the canal system such as agate or pump whereby the local slave controller comprises a mobile device (13) capable of displaying a human readable instruction which an operator can act upon to set the adjustable actuator. The operator takes a picture of the water level and/or of the setting of the adjustable actuator. The data of the picture is used for updating a mathematical model of predictive control of the canal system and for calculating the setting of the present actuator and for determining which actuator is to be visited next by the operator.

No. of Pages: 50 No. of Claims: 25

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: HEAT EXCHANGER TUBE ASSEMBLY AND METHOD OF MAKING THE SAME

• •	Address of Applicant :1500 DeKoven Avenue Racine, WI 53403-2552 United States of America U.S.A.
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(57) Abstract:

A tube assembly for use in a heat exchanger includes a flat section with broad and flat opposing tube sides. Fin structures are bonded to the broad and flat tube sides in the flat section, and side sheets are bonded to the opposite ends of the fin structures. The flat section of the tube is located between cylindrical end sections adapted to be inserted into grommets. The construction of the tube assembly provides a stiff structure to survive insertion and removal of tube assemblies to and from a heat exchanger, for example, a radiator for heavy duty equipment.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: TISSUE SHAVING DEVICE HAVING A FLUID REMOVAL PATH •

 (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 	:A61B17/56 :14/103,200 :11/12/2013 :U.S.A. :NA :NA :NA :NA	· '
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A handle assembly for use in conjunction with a surgical cutting device is provided. The handle assembly can generally include two, detachable pieces or housings. The first housing can include electrical and mechanical components for driving a cutting assembly, such as a motor, while the second housing can include a fluid flow path that allows fluid to flow from the surgical site to a location outside of the cutting device. At least a portion of the fluid flow path can extend substantially adjacent to at least a portion of one or more components used to drive the cutting assembly to help manage the heat output of the components. The fluid flow path allows the fluid to exit the device without coming into contact with components like a motor, while also helping to cool the handle assembly. Systems and methods for cutting tissue are also provided.

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

(21) Application No.602/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR PRODUCING AMIDE COMPOUNDS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DARBHA SRINIVAS
(61) Patent of Addition to Application Number	:NA	2)ANUJ KUMAR
Filing Date	:NA	3)NEPAK DEVADUTTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

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

The present invention relates to a process for producing amide compounds in the presence of a metal-containing porous solid catalyst.

(21) Application No.6169/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention : FUSED TETRA OR PENTA CYCLIC DIHYDRODIAZEPINOCARBAZOLONES AS PARP INHIBITORS

(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 :PCT/CN2011/085148 :31/12/2011 :WO 2013/097225 :NA :NA :NA	(71)Name of Applicant: 1)BEIGENE LTD. Address of Applicant:Mourant Ozannes Corporate Services (Cayman) Limited Harbour Centre 42 North Church Street PO Box 1348 Grand Cayman KY1 1108 Cayman Island (72)Name of Inventor: 1)ZHOU Changyou 2)REN Bo 3)WANG Hexiang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are certain fused tetra or penta cyclic compounds and salts thereof compositions thereof and methods of use thereof.

No. of Pages: 99 No. of Claims: 9

(21) Application No.617/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TRIPLE BRAKING SYSTEM IN WIRE LINE WINCH

(51) International classification(31) Priority Document No	:NA	(71)Name of Applicant: 1)MACRO STEEL ENGINEERS PVT. LTD.
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :G 1219A, C.R. PARK NEW DELHI - 110019 INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGHAL, VIKAS
(87) 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 triple safety braking system assembly in Wireline Winch. More particularly, invention relates to a mechanically, hydraulically and air-operated braking system in wireline operations for oil and/or gas wells.

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : POWER LINE COMMUNICATION APPARATUS AND METHOD AND LOAD POWER MONITORING APPARATUS AND METHOD USING SAME

:H04B3/54,H04L12/12 | (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SAMSUNG ELECTRONICS CO. LTD. :1020120012142 (32) Priority Date Address of Applicant: 129 Samsung ro Yeongtong gu Suwon :07/02/2012 si Gyeonggi do 443 742 Republic of Korea (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2013/000899 (72) Name of Inventor: Filing Date 1)PARK Hyun Soo :05/02/2013 (87) International Publication No :WO 2013/119010 2)PARK Young Jin (61) Patent of Addition to Application 3)SEO Sung Mok :NA Number 4)SHIN Jong Hyun :NA Filing Date 5)CHOI Jae Won (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A load power monitoring apparatus and method use a power line communication apparatus and method. The power line communication apparatus is capable of performing power line communication through a simple circuit structure by loading a data signal on a current signal supplied over the power line. The power line communication apparatus includes a transmission unit configured to generate a data signal using the current signal which is supplied through the power line as a carrier wave and to transmit the data signal through the power line and a reception unit configured to receive the data signal which is generated by the transmission unit through the power line.

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

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: Multiple acoustic transducer line array waveguide beam formation system and method thereof.

(51) International classification	:G11C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SANJEEV KUMAR
(32) Priority Date	:NA	Address of Applicant:1201 URBAN ESTATE PHASE-1
(33) Name of priority country	:NA	JALANDHAR PUNJAB. India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJEEV 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	
Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract:

A compact mobile directional high sound output generating and intruder warding device is disclosed comprising a waveguide to accommodate plurality acoustic transducers arranged in a line array and facing a linear parabolic profile(4) in such a manner that it could project the acoustic beam as a unified whole and in directional and controlled manner and the waveguide (14) having identical sides with slopes away from the axis(1) and a fourth side section C (13) with an exponential profile to focus and combine the acoustic wave front. An acoustic plurality transducer to generate acoustic wavelengths of desired frequencies a digital signal processor to digitize process the signal in frequency domain. The said waveguide are further placed adjacent to each other in a flat plane of matrix and thereby forming constructive coherences in between the wave fronts emanating from the plurality transducers such that the acoustic waves are projected in a controlled and directional manner and with high sound pressure levels.

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

(21) Application No.6171/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

(54) Title of the invention : ON BOARD CHARGING AND COMMUNICATION DEVICE AND VEHICLE CHARGING AND 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 	:B60L11/18,H02J7/00,H02J13/00 :NA :NA :NA :NA :PCT/JP2012/051705 :26/01/2012 :WO 2013/111311 :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)OCHIAI Yuta 2)NAKAGAWA Nobuyuki
Number Filing Date	:NA :NA	

(57) Abstract:

In order to prevent a PLC modem in an on board electronic control unit from being unnecessarily started up the on board charging and communication device and the vehicle charging and communication system according to the present invention include: an on board battery charged by electric power supplied from an external charging device through a charging cable; and an on board electronic control unit which has a power line communication function capable of power line communication through said charging cable between the on board electronic control unit and said external charging device by using the PLC modem. Further said on board electronic control unit has a PLC modem start up control means that starts up the PLC modem when said power line communication function is activated and does not start up the PLC modem when said power line communication function is not activated.

No. of Pages: 26 No. of Claims: 5

(21) Application No.6172/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

:18/07/2007

(54) Title of the invention : USE OF MULTIPLE TRANSFORMATION ENHANCER SEQUENCES TO IMPROVE PLANT TRANSFORMATION EFFICIENCY

(51) International classification	:C12N15/67	(71)Name of Applicant:
(31) Priority Document No	:60/831,814	1)MONSANTO TECHNOLOGY LLC
(32) Priority Date	:19/07/2006	Address of Applicant :800 North Lindbergh Blvd., St. Louis,
(33) Name of priority country	:U.S.A.	MO 63167, USA U.S.A.
(86) International Application No	:PCT/US2007/073788	(72)Name of Inventor:
Filing Date	:18/07/2007	1)YE Xudong
(87) International Publication No	: NA	2)GILBERTSON Larry
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:366/DELNP/2009	

(57) Abstract:

Filed on

The present invention relates to methods and compositions for improving the efficiency of Agrobacterium- and Rhizobium-mediated plant cell transformation by use of additional transformation enhancer sequences, such as overdrive or TSS sequences, operably linked to a T-DNA border sequence on a recombinant construct that comprises T-DNA.

No. of Pages: 37 No. of Claims: 31

(21) Application No.6173/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: WET BRAKE ASSEMBLY

(51) International classification :F16D55/36,F16D55/40,F16D25/0638

(31) Priority Document No :13/355936

(32) Priority Date :23/01/2012 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2013/022637

Application No
Filing Date

1. C1/032013/0
:23/01/2013

(87) International

Publication No :WO 2013/112510

(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)CATERPILLAR INC.

Address of Applicant :100 N.E. Adams Street Peoria IL 61629

9510 U.S.A.

(72)Name of Inventor:1)HOOTS David C.2)BLISS Barry D.

(57) Abstract:

A brake assembly (36) for a mobile machine (10) is disclosed. The brake assembly may have a stationary housing (38) forming a coolant inlet (48) and a coolant outlet (50) a rotatable member (20) and a disc stack (44) disposed within a cavity (40) at least partially formed by the stationary housing and the rotatable member. The disc stack may have a plurality of friction plates (80) operatively coupled to the rotatable member and a plurality of separator plates (82) interleaved with the plurality of friction plates and operatively coupled to the stationary housing. The brake assembly may also have a piston (52) disposed within the cavity and configured to compress the disc stack and a seal (104) located at an axial interface between the stationary housing and the rotatable member and downstream of the disc stack relative a flow of coolant from the coolant inlet to the coolant outlet.

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

(21) Application No.3396/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :21/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: PNEUMATIC DETECTOR WITH INTEGRATED ELECTRICAL CONTACT

 (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 	:14/159,752 :21/01/2014 :U.S.A. :NA :NA : NA : NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to an advanced pneumatic detector (APD) alarm switch. The present APD may comprise a deformable diaphragm configured to make contact with a contact surface. This contact surface may be integral to a surface of the insulating material within the APD.

No. of Pages: 16 No. of Claims: 15

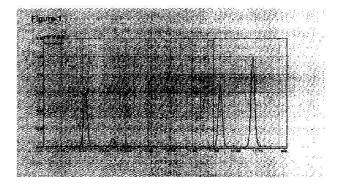
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TERPENE SYNTHASES FROM SANTALUM

(51) International classification	:C12N 15/29	(71)Name of Applicant:
(31) Priority Document No	:2009903016	1)THE UNIVERSITY OF WESTERN AUSTRALIA
(32) Priority Date	:29/06/2009	Address of Applicant :STIRLING HIGHWAY, NEDLANDS,
(33) Name of priority country	:Australia	WESTERN AUSTRALIA 6907, AUSTRALIA Australia
(86) International Application No	:PCT/AU2010/000802	2)FOREST PRODUCTS COMMISSION
Filing Date	:25/06/2010	3)UNIVERSITY OF BRITISH COLUMBIA
(87) International Publication No	:WO 2011/000026	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ZULAK, KATHERINE GRACE
Number	:NA	2)JONES, CHRISTOPHER
Filing Date	.11/1	3)MONIODIA, JESSIE
(62) Divisional to Application Number	:NA	4)BOHLMANN, JOERG
Filing Date	:NA	

(57) Abstract:

An isolated nucleic acid molecule that encodes a terpene synthase and is selected from among: a) a nucleic acid molecule comprising the sequence of nucleotides set forth in SEQ ID NO: 1, SEQ ID NO: 3 or SEQ ID NO: 5; b) a nucleic acid molecule that is a fragment of (a); c) a nucleic acid molecule comprising a sequence of nucleotides that is complementary to (a)-or (b); and d) a nucleic acid molecule that encodes a terpene synthase having at least or at least about or at least about 60%, 65%, 70%, 75%, 80%, 85%, 90%, 95%, 96%, 97%, 98%, 99% identity to any one of (a)-(c); wherein the nucleic acid molecule encodes a terpene synthase.



No. of Pages: 121 No. of Claims: 48

(21) Application No.447/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: A SOUP MAKER.

(51) International classification	H01L (71)Name of Applicant:
(31) Priority Document No	NA 1)BHAVNA PANDEY
(32) Priority Date :	:NA Address of Applicant :FLAT NO. 142-B, POCKET J & K
(33) Name of priority country	NA DILSHAD GARDEN, NEW DELHI-110095 Delhi India
(86) International Application No :	:NA (72)Name of Inventor :
Filing Date :	NA 1)BHAVNA PANDEY
(87) International Publication No :	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date :	:NA
(62) Divisional to Application Number	NA NA
Filing Date :	:NA

(57) Abstract:

This invention relates to a novel soup maker comprising an outer body housing a soup bowl with a heating plate/disk wherein the soup bowl is covered with a lid provided with an ingredient disk there inside. The invention is advantageous that, soup of ones choice can be prepared conveniently is less time. Further, it is compact and portable.

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

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: NEF-ASK1 INTERACTION INHIBITOR AS NOVEL ANTI-HIV THERAPEUTICS

(51) International classification :C12N (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor: 1)TRIPATHI RAJ KAMAL 2)KUMAR BALAWANT 3)RAMACHANDRAN RAVISHANKAR 4)TRIPATHI JITENDRA KUMAR 5)BHADURIA SMRITI 6)GHOSH JIMUT KANTI
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(57) Abstract:

The present invention relates to a novel screening method for screening of anti-HIV therapeutics. In particular, the present invention relates to reporter gene constructs for the detection of the HIV Nef and host ASK1 protein interaction. Furthermore, the invention relates to a functional interaction for Nef-ASK1 proteins prepared in a recombinant manner, a method for identifying of Nef-ASK1 interaction which causes activation of pathway to activate apoptosis presumably causing immune evasion for HIV in infected cells. The reporter gene construct according to the present invention, after it had been introduced into cells, in the presence of HIV Nef and host ASK1 proteins result in the expression of reporter luciferase protein which may be used for quantitative/qualitative interaction of HIV Nef and host ASK1 protein. The both interacting construct cloned in fluorescence expression vector when transfected in eukaryotic cells inhibits ASK1 mediated apoptosis and were reversed by the inhibitors. Furthermore, the invention was used to identify the inhibitor for the interaction of Nef-ASK1 in the cell.

No. of Pages: 128 No. of Claims: 13

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DEVICE FOR TREATING CELLULITE

 (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 	:C07C :201130340 :11/03/2011 :Spain :NA :NA	'
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A device for the treatment of cellulite comprising means for massaging by suction, a quadrangular body (3) with a plurality of support elements (31), at least one for every vertex of the body, where said support elements (31) end in a rounded tip (32) that is in contact with the skin (5) to be treated and that is characterised in that a plurality of laser emitters (1) are housed on the quadrangular body, whereas a plurality of current emitter electrodes (2) are housed on the support elements (31), at least one per support element; and wherein said electrodes (2) define an area (4) on the skin (5) where there is a combined action of emission (41) from the plurality of lasers (1) and from the currents generated by the electrodes (2).

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

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONTINUOUSLY VARIABLE TOROIDAL TRANSMISSION

 (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 	:F16H15/38 :1200357.0 :10/01/2012 :U.K. :PCT/EP2013/050425 :10/01/2013 :WO 2013/104727 :NA :NA	(71)Name of Applicant: 1)TOROTRAK (DEVELOPMENT) LTD Address of Applicant: 1 Aston Way Leyland Lancashire PR26 7UX U.K. (72)Name of Inventor: 1)Andrew DE FREITAS 2)Brian DUTSON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a toroidal variator a plurality of rolling elements (20 22) are in driving engagement with an input and output race (10 14) at respective contact regions. Each rolling element (20 22) is mounted on a carriage assembly (26) for rotation about a rolling axis and is being free to pivot about a tilt axis the tilt axis passing through the rolling element (20 22) perpendicular to the rolling axis and intersecting the rolling axis at a roller centre whereby a change in the tilt axis causes a change in the variator ratio being the ratio of rotational speeds of the races. The tilt axis is arranged at an angle known as castor angle (see Fig.4) to a plane (P) perpendicular to the variator axis (V). Each carriage assembly (26) can cause a movement of the rolling element (20 22) with a component of rotation about a pitch axis (A B). The pitch axis is defined as passing through the roller centre and through the contact regions. Pitching the roller elements (20 22) causes them to tilt thereby changing the transmission ratio.

No. of Pages: 36 No. of Claims: 45

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: WELL FLOW CONTROL WITH MULTI STAGE RESTRICTION

(51) International classification	:E21B43/08,E21B43/10	(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/US2012/025576	(72)Name of Inventor:
Filing Date	:17/02/2012	1)LOPEZ Jean Marc
(87) International Publication No	:WO 2013/122596	2)HOLDERMAN Luke William
(61) Patent of Addition to Application	:NA	3)GRECI Stephen Michael
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A well screen assembly includes a tubular base pipe. The base pipe has a sidewall aperture that communicates fluid between an interior central bore of the base pipe and an exterior of the base pipe. A filtration screen is around the base pipe. The filtration screen defines a lateral fluid passage along a axial length of the well screen assembly. A flow control device is coupled to the base pipe and the filtration screen. The flow control devices includes a ring sealing the lateral fluid passage from the central bore. An elongate restrictor passage is in the ring oriented longitudinally. The elongate restrictor passage is configured to communicate fluid between the lateral fluid passage and the central bore. The restrictor passage includes an internal square edged orifice defined by a fixed annular protrusion. The annular protrusion extends inwardly from an interior surface of the restrictor passage.

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

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: POWERTRAIN SYSTEM HAVING LOCKABLE DIFFERENTIAL

(51) International classification :F16H48/20,F16H61/02,F16H59/36

(31) Priority Document No :13/355977 (32) Priority Date :23/01/2012

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

(86) International Application :PCT/US2013/022634

No :23/01/2013

Filing Date .23/01/201

(87) International Publication :WO 2013/112507

(61) Patent of Addition to :NA

Application Number
Filing Date

:NA
:NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(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)MCCANN Gerry O.

2)BYERS Brian A.

3)GORAYA Fazal A. 4)WISLEY David R.

5)GROVER Kevin B.

(57) Abstract:

A powertrain system (70) for a mobile machine (10) is disclosed. The powertrain system may have a power source (34) a plurality of traction devices (28) and a differential (32) operatively connecting an output of the power source with the plurality of traction devices. The powertrain may also have a manual input device (38) movable by an operator to generate a first signal indicative of a desire to lock the differential at least one sensor (74 76) configured to generate a second signal indicative of a parameter the mobile machine and a controller (72) in communication with the at least one sensor the manual input device and the differential. The controller may be configured to inhibit locking of the differential based on the first signal when the second signal indicates the parameter deviating from an acceptable range.

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

(22) Date of filing of Application :07/01/2015 (43) Publication Date : 21/08/2015

(54) Title of the invention : WATER FLOW SENSING MEMBER, WATER FLOW SENSOR AND WATER HEATER MOUNTED WITH THE WATER FLOW 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 Filing Date 	:NA	(71)Name of Applicant: 1)ILLINOIS TOOL WORKS INC. Address of Applicant: 155 Harlem Avenue Glenview, Illinois 60025, United States of America U.S.A. (72)Name of Inventor: 1)WANG, Dongxuan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention discloses a water flow sensing member, a water flow sensor and a water heater mounted with the water flow sensor. The water flow sensor comprises a cavity (201) having a water inlet (103) and a water outlet (104) which are intercommunicated with each other; blades (204) mounted in front of the water inlet (103), first tangential forces (F1) are generated when the water flows past the blades (204) into the water inlet (103); a rotor (205) provided with at least one pair of side wings (206), a distal end of each side wing (206) extends to form a curved tail fin (506) so that a second tangential force (F2) is generated when the water flows past the curved tail fins (506); wherein the first tangential forces (F1) and the second tangential forces (F2) applied on a same side wing are in the same direction; and the rotor (205) is jointly driven to rotate by the first tangential forces (F1) and the second tangential forces (F2).

No. of Pages: 28 No. of Claims: 19

(22) Date of filing of Application :22/07/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: POWER SUPPLY CONNECTION STRUCTURE DEVICE

(51) International

:H01R13/52,H01R13/66,H01R13/70

classification

(31) Priority Document No :201110447857.4

(32) Priority Date

:24/12/2011

(33) Name of priority country: China (86) International

:PCT/CN2012/000046

Application No

:11/01/2012

Filing Date

(87) International Publication :WO 2013/091266

(61) Patent of Addition to

:NA

Application Number Filing Date

:NA

(62) Divisional to Application Number

:NA :NA

Filing Date

(71)Name of Applicant:

1)SHENZHEN ZHONGKE ELECTRICAL

TECHNOLOGY CO. LTD

Address of Applicant :Room 411 Building One China science and technology development 9 South Gaoxin Avenue Nanshan

District Shenzhen Guangdong 518000 China

(72) Name of Inventor:

1)LIN Shifeng

(57) Abstract:

Provided are a power supply connection structure device and manufacturing method thereof and a circuit connection method. The device is used to connect an electrical appliance to a power supply and comprises a live wire and zero wire connection unit (10 20) and a control unit (30); the control unit (30) is switched between an activation state and an idle state; when the control unit (30) is in the idle state the live wire and zero wire connection unit (10 20) is not connected to the power supply; and when the control unit (30) is in the activation state the control unit (30) connects the live wire and zero wire connection unit (10 20) to the power supply thus by using the control unit (30) the power supply connection structure device is safe to use is waterproof and prevents from electric shock.

No. of Pages: 65 No. of Claims: 25

(21) Application No.6166/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Pub

(43) Publication Date: 21/08/2015

(54) Title of the invention: FUSED TRICYCLIC COMPOUNDS AS RAF KINASE INHIBITORS

(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	:INA	(71)Name of Applicant: 1)BEIGENE LTD. Address of Applicant: Mourant Ozannes Corporate Services (Cayman) Limited Harbour Centre 42 North Church Street PO Box 1348 Grand Cayman KY1 1108 Cayman Island (72)Name of Inventor: 1)ZHOU Changyou 2)WANG Shaohui 3)ZHANG Guoliang
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are certain fused tricyclic compounds and salts thereof compositions thereof and methods of use therefor.

No. of Pages: 111 No. of Claims: 10

(21) Application No.6167/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: QUICK CONNECT FLUID CONNECTORS WITH ROLLER MECHANISM ACTUATOR

(51) International classification :F16K43/00,F16K35/00,F15B13/02

(31) Priority Document No :13/347310 (32) Priority Date :10/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/020810

No :PC1/US2U13/

Filing Date :09/01/2013

(87) International Publication :WO 2013/106416

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)FASTEST INC.

Address of Applicant :1646 Terrace Drive Roseville MN

55113 U.S.A.

(72)Name of Inventor:

1)DANIELSON Robert

(57) Abstract:

Quick connect fluid connectors are described that can be used to connect a first fluid system to a second fluid system for transferring fluids between the first and second fluid systems. The connectors include an eccentric mounted roller mechanism disposed within a slot in a main body and that is in continuous engagement with front and back walls of the slot. The eccentric mounted roller mechanism is used to actuate connection collets when the eccentric mounted roller mechanism is rotated. Since the eccentric mounted roller mechanism is in substantially continuous contact with the front and back walls this ensures a smooth actuation of the main body and the connection collets without any lost motion.

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

(21) Application No.6168/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PROVIDING A CUSTOMIZABLE CREDIT REPORT

(51) International classification	:G06Q30/02,G06Q40/02	(71)Name of Applicant :
(31) Priority Document No	:13/692809	1)EXPERIAN INFORMATION SOLUTIONS INC.
(32) Priority Date	:03/12/2012	Address of Applicant :475 Anton Boulevard Costa Mesa CA
(33) Name of priority country	:U.S.A.	92626 U.S.A.
(86) International Application No	:PCT/US2013/072102	(72)Name of Inventor:
Filing Date	:26/11/2013	1)LASSEN Patricia Cheryl
(87) International Publication No	:WO 2014/088895	2)AARAVABHOOMI Karthikeyan Reddy
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods are provided for enabling a user to select the types of data to be included in a credit reporting product and for generating credit reports that are configured to be dynamically updated with additional data in response to user selections. In some embodiments a product delivery system 130 may enable users such as a consumer utilizing client system 120 to define custom products such as credit reports that utilize data stored in master data store 1 10. In some embodiments data selectable by a user for inclusion in a credit report or other product may include a variety of data not typically found on traditional credit reports.

No. of Pages: 41 No. of Claims: 24

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : METAL LAMINATED SUBSTRATE FOR USE AS AN OXIDE SUPERCONDUCTING WIRE MATERIAL, AND MANUFACTURING METHOD THEREFOR

		(71)Name of Applicant: 1)TOYO KOHAN CO., LTD.
(51) International classification	:H01B 13/00	Address of Applicant :2-12, YONHAN-CHO, CHIYODA-
(31) Priority Document No	:2009-169531	KU, TOKYO, 102-8447, JAPAN Japan
(32) Priority Date	:17/07/2009	2)SUMITOMO ELECTRIC INDUSTRIES, LTD.
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2010/004460	1)HIRONAO OKAYAMA
Filing Date	:08/07/2010	2)TEPPEI KUROKAWA
(87) International Publication No	:WO 2011/007527	3)KOUJI NANBU
(61) Patent of Addition to Application	:NA	4)YOSHIHIKO ISOBE
Number	:NA	5)TAKASHI KOSHIRO
Filing Date	.11/1	6)ARIKA KANEKO
(62) Divisional to Application Number	:NA	7)HAJIME OTA
Filing Date	:NA	8)KOTARO OHKI
		9)TAKASHI YAMAGUCHI
		10)KAZUYA OHMATSU

(57) Abstract:

Provided are a method of manufacturing a metal laminated substrate for an oxide superconducting wire and a metal laminated substrate for an oxide superconducting wire, where copper can have sharp biaxial texture and the formation of scratches and grooves on a surface of copper can be prevented. The method includes the steps of: removing, in a state where a copper foil to which rolling is applied at a draft of 90% or more is held at a temperature below a recrystallization temperature, an absorbed material on a surface of the copper foil by applying sputter etching to the surface of the copper foil; removing an absorbed material on a surface of a nonmagnetic metal sheet by applying sputter etching to the surface of the nonmagnetic metal sheet; bonding the copper foil and the metal sheet to each other by reduction rolls at an applied pressure of 300MPa to 1500MPa; orienting crystals of the copper by heating a laminated body obtained by bonding at a crystal orientation temperature of copper or above; and forming a protective layer on a copper-side surface of the laminated body by coating.

No. of Pages: 41 No. of Claims: 4

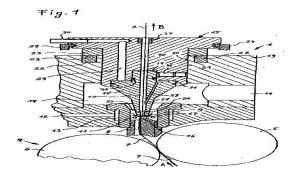
(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMPONENT FOR AN AIR JET SPINNING 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 	:D01H 1/115 :10 2009 034 206.0 :17/07/2009 :Germany :PCT/EP2010/003829 :23/06/2010 :WO 2010/006580 :NA :NA	(71)Name of Applicant: 1)MASCHINENFABRIK RIETER AG Address of Applicant: KLOSTERSTRASSE 20, CH-8406 WINTERTHUR, SWITZERLAND. Switzerland (72)Name of Inventor: 1)ARTZ PETER 2)HEITMANN UWE 3)MULLER HEINZ 4)HEHL JORG 5)ZIEGLER KURT
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(57) Abstract:

A component for an air jet spinning arrangement, in particular a spindle point, comprises a yarn withdrawal channel having an entry opening for drawing a yarn out of a vortex chamber of the air jet spinning arrangement. The component comprises at least one air outlet opening connected to the yarn withdrawal channel for discharging air from the yarn withdrawal channel during a piecing process. The component may comprise an injector channel for feeding back a yarn end back counter to the withdrawal direction during a piecing process. The injector channel, which is connectable to a compressed air source, can be connected by means of an opening to the yarn withdrawal channel and be positioned opposite the entry opening of the yarn withdrawal channel. The air outlet opening can be connected to the yarn withdrawal channel and the mouth of the injector channel.



No. of Pages: 14 No. of Claims: 12

(12) THILLY THE LICITION COLLECTION

(43) Publication Date : 21/08/2015

(21) Application No.574/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012 (43)

(54) Title of the invention: SUPPORT MEMBER

(51) International classification	:B31F	(71)Name of Applicant:
(31) Priority Document No	:2011- 046192	1)TPR CO., LTD. Address of Applicant :6-2, MARUNOUCHI 1-CHOME,
(32) Priority Date	:03/03/2011	CHIYODA-KU, TOKYO 100-0005, JAPAN. Japan
(33) Name of priority country	:Japan	2)TPR INDUSTRY CO., LTD.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KOJI KAMATA
(87) International Publication No	:NA	2)YUGO TAKANO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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)KOJI KAMATA

(57) Abstract:

A support member with excellent contact with the member to which the support member is attached, that is, a metal support member which supports a shaft directly or through a bearing and which has a plurality of the projections at its outer circumferential surface, wherein the plurality of the projections are formed at the outer circumferential surface as a whole at the time of casting of the support member and wherein at least part of the projections have thin-waisted shapes or a plastic support member which, supports a shaft directly or through a bearing and which has a plurality of the projections at its outer circumferential surface, wherein the plurality of the projections are formed at the outer circumferential surface as a whole at the time of molding of the support member and wherein at least part of the projections have thin-waisted shapes.

No. of Pages: 19 No. of Claims: 16

(21) Application No.618/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A NOVEL WIRE LINE WINCH WITH ACCELERATED JARRING EFFECT

(51) International classification	B23B	(71)Name of Applicant:
(31) Priority Document No	NA	1)MACRO STEEL ENGINEERS PVT. LTD.
(32) Priority Date	NA	Address of Applicant :G 1219A, C.R. PARK NEW DELHI -
(33) Name of priority country	NA	110119 INDIA Delhi India
(86) International Application No ::	NA	(72)Name of Inventor:
Filing Date ::	NA	1)GUPTA, KANAL
(87) 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 novel wire line winch. More particularly, the invention relates to a winch assembly having accelerated jarring effect. The invention further relates to improved hydraulic control circuit thus enabling fast acceleration and stoppage with excellent running, pulling and jarring capability as and when required.

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

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: FRICTION STIR WELDING METHOD AND WELDING JIG USED THEREFOR

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2011- 049000	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:07/03/2011	KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611, JAPAN
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)YAMAUCHI RYO
(87) International Publication No	:NA	2)KOBARI KENTARO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A friction stir welding is performed by preparing a pair of members to be welded each including an abutment surface and a margin portion provided in an extended manner, the margin portion including a welding surface that is continuous to the abutment surface by using a welding tool for performing friction stir welding. The welding tool integrally including a columnar shoulder portion and a probe portion formed on a leading end surface of the shoulder portion, the probe portion having a diameter smaller than a diameter of the shoulder portion. The abutment surfaces and the welding surfaces are brought into contact with each other so as to form a continuous welding line therebetween, and under the state, a load supporting jig portion is set on a bottom surface side of a pair of the margin portions and a deformation restricting jig portion is also set on a top surface side of the pair of margin portions, and the welding tool is pressed against top surfaces of the members to be welded while rotating the welding tool, and moving the welding tool along the welding line until the welding tool reaches the margin portions to thereby join the members to each other by the friction stir welding method.

No. of Pages: 38 No. of Claims: 8

(22) Date of filing of Application :21/03/2012

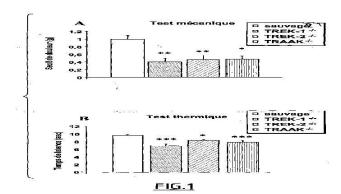
(43) Publication Date: 21/08/2015

(54) Title of the invention: USE OF K2P POTASSIUM CHANNEL ACTIVATORS AS ANTALGICS

 (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 	:21/09/2010 :WO 2011/033241 :NA :NA	(71)Name of Applicant: 1)UNIVERSITE D'AUVERGNE CLERMONT 1 Address of Applicant: 49 BD FRANCOIS MITTERRAND, F-63000 CLERMONT FERRAND, FRANCE France (72)Name of Inventor: 1)ALAIN ESCHALIER 2)JEROME BUSSEROLLES 3)ABDELKRIM ALLOUI 4)MICHEL LAZDUNSKI
- 14	:NA :NA :NA	4)WICHEL LAZDUNSKI

(57) Abstract:

The present invention relates to treating and preventing pain. More particularly the present invention demonstrates the involvement of K2P potassium channels in the antalgic effect of morphine. The present invention therefore provides a screening method for identifying antalgics.



No. of Pages: 33 No. of Claims: 10

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND DEVICE FOR RAPIDLY DRYING WARE SHELL AND WARE SHELL

 (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 	:F26B 5/04 :200910172987.4 :15/09/2009 :China :PCT/CN2009/074709 :30/10/2009 :WO 2011/032323 :NA :NA	(71)Name of Applicant: 1)YUCHI TSAI Address of Applicant: NO. 129 BUWEI INDUSTRIAL ZONE, SHIGU VILLAGE, TANGXIA TOWN, DONGGUAN CITY, GUANGDONG PROVINCE, 523729, CHINA China (72)Name of Inventor: 1)YUCHI TSAI
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and a device for rapidly drying ware shell and a ware shell are provide, and it pertains to the field of precision casting technology. It is designed to solve the problem that the ware shell drying process fails to ensure high quality of a ware shell and rapid drying simultaneously when the ware shell has a complex structure. The method includes following steps: a. putting a ware shell to be dried in a sealed chamber; b. vacuuming the sealed chamber under the premise condition of controlling the ware shell in a constant temperature state, and cooling the gas in the sealed chamber in a predetermined time period to condensate the moisture in the sealed chamber; c. vacuum injecting gas to the sealed vacuum chamber to make the chamber return to normal atmosphere pressure; D. determining whether the ware shell is dry. If result is YES, then end, otherwise back to step b.

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

(21) Application No.367/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COLORED SPECKLES

 (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 	:C11D 3/04 :61/236,707 :25/08/2009 :U.S.A. :PCT/US2010/002323 :24/08/2010 :WO 2011/028249 :NA :NA	(71)Name of Applicant: 1)MILLIKEN & COMPANY Address of Applicant: 920 MILLIKEN ROAD, M-495, SPARTANBURG, SOUTH CAROLINA 29303, U.S.A. U.S.A. (72)Name of Inventor: 1)GREGORY FERNANDES 2)EDUARDO TORRES
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to non-bleeding and quick color releasing colored speckles for use in granular laundry detergents and other consumer products. The speckles are comprised of a porous carrier, a releasing agent, and a coloring agent.

No. of Pages: 74 No. of Claims: 24

(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: TDOA-BASED RECONSTRUCTION OF BASE STATION LOCATION 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 	:01/09/2009 :WO 2010/002372 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)ZHANG, YANG
Filing Date	:NA	

(57) Abstract:

Methods and apparatus for determining a position estimate for a base station transceiver node in a wireless communication system are disclosed. An exemplary method comprises obtaining (410, 510, 610) a first set of time-difference-of-arrival (TDOA) measurement data from a first plurality of mobile stations, the first set of TDOA measurement data corresponding to 5 transmissions received at the first plurality of mobile stations from the first base station transceiver node and a second base station transceiver node, obtaining (420, 520, 620) first mobile station location data identifying a mobile station position corresponding to each TDOA measurement represented in the first set of TDOA measurement data, and computing (430, 530, 640) an estimated position for the base station transceiver node as a function of the first 10 mobile station location data and the first set of TDOA measurement data.

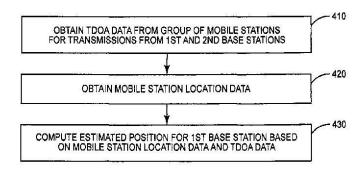


FIG. 4

No. of Pages: 31 No. of Claims: 20

(21) Application No.605/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: COMB-COIL SUPRAMOLECULAR CROSSLINKED POLYMER

(51) International classification :Co	8B (71)Name of Applicant :
(31) Priority Document No :N.	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date :N	RESEARCH
(33) Name of priority country :N.	A Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No :N.	MARG, NEW DELHI- 110 001, INDIA. Delhi India
Filing Date :N	(72)Name of Inventor:
(87) International Publication No :N.	1)ASHA SYAMAKUMARI
(61) Patent of Addition to Application Number :N.	2)REKHA NARAYAN
Filing Date :N	A
(62) Divisional to Application Number :N.	Λ
Filing Date :N	A

(57) Abstract:

This invention relates to Perylene and naphthalene bisimide (PBI/NBI) derivatives which are photoactive materials useful in OFET(Organic Field effect Transistor)(provide full forms) and solar cells.

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

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: PROCESS FOR PRODUCING ARYL-SUBSTITUTED PYRAZOLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07D 231/08 :09166238.7 :23/07/2009 :EUROPEAN UNION :PCT/EP2010/004285 :14/07/2010	(71)Name of Applicant: 1)BAYER CROPSCIENCE AG Address of Applicant: ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)SERGII PAZENOK 2)NORBERT LUI
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/009551 :NA :NA :NA :NA	

(57) Abstract:

The present invention relates to a process for preparing 1-aryl-substituted pyrazoles, comprising the reaction of alkoxy enones and enamino ketones with arylhydrazine derivatives to give 1-aryl-substituted dihydro-1H-pyrazoles, the further reaction thereof with elimination of water to give 1-aryl-substituted trihalomethylpyrazoles, and the further processing thereof.

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

(21) Application No.3384/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: LATTICE APRON

(51) International classification	:d01h	(71)Name of Applicant:
(21) Designity Decomment No.	:10 2013	1)Maschinenfabrik Rieter AG
(31) Priority Document No	113 510.2	Address of Applicant :Klosterstrasse 20, 8406 Winterthur,
(32) Priority Date	:05/12/2013	Switzerland Switzerland
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Peter Blankenhorn
Filing Date	:NA	
(87) 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 lattice apron for a compacting device of a spinning machine comprises a mesh made of filaments and is perforated at least in a fiber transport region (F) of the lattice apron (1) having a defined free surface area (5) of at least 10% in order to aiiow a suction air fiow (S) to act on a fiber bundle (3) moving thereon. The surface of the filaments making contact with the fiber bundle (3) 10 is implemented in a flattened manner as compared with a round surface at least in the fiber transport region (F), in order to allow easier movement of the fiber bundle (3) on the surface of the lattice apron (1) in contrast thereto.D

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

(21) Application No.3385/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: LATTICE APRON

(51) International classification	:D01h	(71)Name of Applicant :
(31) Priority Document No	:10 2013 113 510.2	1)Maschinenfabrik Rieter AG Address of Applicant :Klosterstrasse 20, 8406 Winterthur,
(32) Priority Date	:05/12/2013	Switzerland Switzerland
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Peter Blankenhorn
Filing Date	:NA	
(87) 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 lattice apron for a compacting device of a spinning machine comprises a mesh made of intersecting filaments (10) and open areas (5) between the filaments (10) at least in a fiber transport region (F) of the lattice apron (1), in order to allow a suction air flow (S) to act on a fiber bundle (3) being displaced thereon. The surface of the mesh contacting the fiber bundle (3) 0 comprises intersection points of the filaments (10) leveled at least in the fiber transport region (F) and rounded edges of the filaments (10) and/or the open areas (5), in order to enable easier displacement of the fiber bundle (3) on the surface of the lattice apron (1) in contrast to non-leveled intersection points and non-rounded edges.

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

(21) Application No.401/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DIAGNOSIS OF A PARASITIC DISEASE SUCH AS LEISHMANIASIS USING RIBOSOMAL PROTEIN EXTRACT (RPE)

 (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 	:G01N 33/569 :09165282.6 :13/07/2009 :EPO :PCT/EP2010/060058 :13/07/2010 :WO 2011/006891 :NA	(72)Name of Inventor: 1)SOTO-ALVAREZ, MANUEL 2)RAMIREZ GARCIA, LAURA 3)COELHO, EDUARDO, ANTONIO FERRAZ
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)RAMIREZ GARCIA, LAURA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for electrical impedance imaging has electrodes (1-85) arranged on an electrode carrier (100) in an arrangement comprising a unit of repetition. The unit of repetition repeats over the electrode carrier (100) and has an angle of rotational symmetry less than 90°. Specifically, the unit of repetition is an equilateral triangle or a hexagon.

No. of Pages: 36 No. of Claims: 12

(21) Application No.520/DELNP/2012 A

9)SPENCER, SUSAN, D.

(19) INDIA

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention: MONOMETHYLVALINE COMPOUNDS CAPABLE OF CONJUGATION TO LIGANDS

(71)Name of Applicant: 1) SEATTLE GENETICS, INC. (51) International classification :A61K 39/395 (31) Priority Document No Address of Applicant: 21823-30TH DRIVE S.E. BOTHELL, :60/518,534 (32) Priority Date WA 98021 U.S.A. U.S.A. :06/11/2003 (33) Name of priority country (72) Name of Inventor: :U.S.A. (86) International Application No :PCT/US2004/038392 1)DORONINA, SVETLANA, O. Filing Date :05/11/2004 2)SENTER, PETER, D. (87) International Publication No :WO 2005/081711 3)TOKI, BRIAN, E. (61) Patent of Addition to Application 4) EBENS, ALLEN, J. :NA Number 5)EBENS, ALLEN, J. :NA Filing Date 6)KLINE, TONI, BETH (62) Divisional to Application Number :2111/DELNP/2006 7)POLAKIS, PAUL Filed on :18/04/2004 8)SLIWKOWSKI, MARK, X.

(57) Abstract:

Auristatin peptides, including MeVal-Val-Dil-Dap-Norephedrine (MMAE) and MeVal-Val-Dil-Dap-Phe (MMAF), were prepared and attached to Ligands through various linkers, including maleimidocaproyl-val-cit-PAB. The resulting ligand drug conjugates were active in vitro and in vivo.

No. of Pages: 399 No. of Claims: 51

(22) Date of filing of Application :01/03/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention : LOOSENING PROTECTION MEANS AND PLUG CONNECTOR HAVING SUCH A LOOSENING PROTECTION MEANS

(51) International classification	:B31F	(71)Name of Applicant:
(31) Priority Document No	:10 2011 001 080.7	1)PHOENIX CONTACT GMBH & CO. KG Address of Applicant :FLACHSMARKTSTR. 8, 32825
(32) Priority Date		BLOMBERG, GERMANY. Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)HOPPE, UDO
Filing Date	:NA	2)GERULLIS, JENS
(87) 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 subject matter of the invention is a loosening protection means (10) for arrangement on a union nut (12) of a plug connector, having a sleeve (14) and a collar (16) which is formed on the sleeve (14) and, when in an in-use state, at least partially covers a loosening surface (18) of the union nut (12).

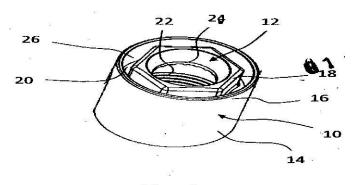


Fig. 1

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

(21) Application No.637/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DEMAND FLOW PUMPING

 (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 	:12/507,806 :23/07/2009 :U.S.A. :PCT/US2010/001420 :12/05/2010 :WO 2011/011033 :NA	(71)Name of Applicant: 1)SIEMENS INDUSTRY, INC. Address of Applicant: 3333 OLD MILTON PARKWAY, ALPHARETTA, GEORGIA 30005, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ROBERT HIGGINS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Demand Flow operates chilled water plants at substantially improved efficiency, regardless of plant load conditions. In general, Demand Flow utilizes an operating strategy which controls chilled and condenser water pumping according to a constant Delta T line, which is typically near or at design Delta T. This reduces or eliminates Low Delta T Syndrome and reduces energy usage by chilled and condenser water pumps for given load conditions. Operation of chilled water pumps in this manner creates a synergy which generally balances flow rates throughout the plant, reducing undesirable bypass mixing and energy usage at air handler fans and other components of the chilled water plant. At plant chillers, application of Demand Flow increases the refrigeration effect through refrigerant sub-cooling and superheating, while preventing, stacking. Demand Flow includes a critical zone reset feature which allows the constant Delta T line to be reset to adjust to changing load conditions.

No. of Pages: 64 No. of Claims: 20

(21) Application No.370/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 13/01/2012 (43) Publication Date: 21/08/2015

(54) Title of the invention : PROCESS FOR PRODUCING REGENERATED HYDROTREATING CATALYST AND PROCESS FOR PRODUCING PETROCHEMICAL PRODUCT

(51) International classification :C10G 45/08 (71)Name of Applicant: (31) Priority Document No 1)JX NIPPON OIL & ENERGY CORPORATION :P2009-162949 (32) Priority Date Address of Applicant :6-3, OTEMACHI 2-CHOME, :09/07/2009 (33) Name of priority country CHIYODA-KU, TOKYO 100-8162 JAPAN Japan :Japan (86) International Application No :PCT/JP2010/060361 (72)Name of Inventor : Filing Date 1)SOUICHIROU KONNO :18/06/2010 2)YOSHIMU IWANAMI (87) International Publication No :WO 2011/004690 (61) Patent of Addition to Application 3)WATARU SAHARA :NA Number 4)NOBUHARU KIMURA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a process for producing a regenerated hydrotreating catalyst by regenerating a spent hydrotreating catalyst in a prescribed temperature range, wherein the prescribed temperature range is a temperature range of $T1 - 30^{\circ}C$ or more and $T2 + 30^{\circ}C$ or less, as determined by subjecting the spent hydrotreating catalyst to a differential thermal analysis, converting a differential heat in a measuring temperature range of $100^{\circ}C$ or more and $600^{\circ}C$ or less to a difference in electromotive force, differentiating the converted value twice by temperature to provide a smallest extreme value and a second smallest extreme value, and representing a temperature corresponding to the extreme value on the lower-temperature side as T1 and a temperature corresponding to the extreme value on the higher-temperature side as T2.

No. of Pages: 33 No. of Claims: 8

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PROCESSING THE FAILURES OF AGENTS AT CALL CENTER

Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:B612D :200910150123.2 :03/07/2009 :China :PCT/CN2010/072753 :13/05/2010 : NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)YUE Min; 2)WU Weiwei;
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT METHOD AND SYSTEM FOR PROCESSING THE FAILURES OF AGENTS AT CALL CENTER A method and system for processing a fault of an agent at a call center are provided. The method comprises: generating a standby agent list and forming a fault detection message; maintaining a communication link with a communication network; selecting a standby agent from a standby agent list to receive service interaction data; and setting up a call service with the standby agent. The system comprises: an Agent Supervisor Module (ASM) configured for generating a standby agent list and forming a fault detection message; an Agent Service Information Module (ASIM), connected with the ASM and configured for recording service interaction data and sending it; a Call Control Module (CCM), connected with the ASM and configured for selecting a standby agent from the standby agent list; and an Access Control Module (ACM), connected with the CCM and configured for maintaining a communication link with a communication network and setting up a call service with the standby agent. Therefore, the present application realizes that a call center can switch a user to a standby agent to continue the service flow in the case of maintaining the call connection, so that the quality of service is improved. Fig. 2

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

(21) Application No.3800/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :27/12/2013 (43) Publication Date : 21/08/2015

(54) Title of the invention: IC/DIESEL ENGINE A TWO WAY POWER SOURCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F02D1/04 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHUBHAM KHATRI Address of Applicant:BG- 567 B, PASCHIM VIHAR ND 63 Delhi India (72)Name of Inventor: 1)SHUBHAM KHATRI
 (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	

(57) Abstract:

A system to use the heat evolbed from the vehicle engine in producing electrical power. The system is mainly made by using coils, pressure chamber, coolant fluid, a dynamo, pressure regulators, pump and a battery. The thermal energy is transferred to liquid which is pressurized in pressure chamber and is made to flow over dynamo to produce electricity which will be stored3n a battery associated: Also the heat can be further used to give heat in colder places or in winter season if necessary.

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

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : METHOD FOR REDUCING ELECTROMAGNETIC INTERFERENCE RADIATED FROM A POWER SUPPLY 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 	:30/06/2009 :WO 2011/002362 :NA :NA	(71)Name of Applicant: 1)SAAB AB Address of Applicant:S-581 88 LINKOPING, SWEDEN Sweden (72)Name of Inventor: 1)NETTELBLAD, BO
Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for reducing electromagnetic interference radiated from a power supply arrangement comprising a plurality of switching mode power supply units (1, 2) connected to an external device (3), wherein each switching mode power supply unit (1, 2) comprises a ground point (A, B). The radiate electromagnetic interference is reduced by synchronizing a switching frequency of each switching mode power supply unit (1, 2), such that all of said synchronized switching mode power supply units (1, 2) have an identical switching frequency, thereby reducing the difference in electric potential between said ground points (A, B). The present invention also relates to a corresponding power supply arrangement.

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

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : HEAT RESISTANT POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

 (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 	:C08J 5/10 :61/229,777 :30/07/2009 :U.S.A. :PCT/US2010/043880 :30/07/2010 :WO 2011/014754 :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. U.S.A. (72)Name of Inventor: 1)WAKEMAN, MARTYN DOUGLAS 2)KIRCHNER, OLAF, NORBERT 3)YUAN, SHENGMEI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the field of composite structures and processes for making them, particularly it relates to the field of heat resistant polyamide composite structures. The composite structure has a surface having at least a portion made of a surface resin composition and comprises a fibrous material selected from the group consisting of non-woven structures, textiles, fibrous battings and combinations thereof, which is impregnated with a matrix resin composition. The surface resin composition and the matrix resin composition are made of a polyamide composition comprising a) one or more polyamide resins selected from fully aliphatic polyamides and b) one or more polyhydric alcohols having more than two hydroxyl groups.

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

(21) Application No.398/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: EMULSION STABILIZING AGENTS FOR DRILLING AND COMPLETION FLUIDS

(31) Priority Document No :12/ (32) Priority Date :10/ (33) Name of priority country :U.S. (86) International Application No :PC Filing Date :09/	A A),
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(57) Abstract:

The present invention provides a stabilized emulsion composition comprising: an oleaginous fluid, a fluid that is at least partially immiscible with the oleaginous fluid, and an emulsion stabilizing agent, wherein the emulsion stabilizing agent comprises a first ionic compound soluble in the oleaginous fluid or the fluid that is at least partially immiscible with the oleaginous fluid, and a second ionic compound with a charge of opposite sign of the first ionic compound and that is at least partially soluble in the opposite fluid as the first ionic compound. The present invention also provides methods involving the use of the stabilized emulsion composition and methods of preparing the stabilized emulsion composition.

No. of Pages: 20 No. of Claims: 17

(21) Application No.411/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: A PROCESS FOR PREPARING 4-(4-NITROPHENYL)-3-MORPHOLINONE

 (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 Filed on 	:C07D 265/32 :103 42 570.5 :15/09/2003 :Germany :PCT/EP2004/010054 :09/09/2004 :WO 2005/026135 :NA :NA :954/DELNP/2006 :23/02/2006	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: CREATIVE CAMPUS MONHEIM, ALFRED-NOBEL-STR. 10, 40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)CHRISTIAN THOMAS 2)MATHIAS BERWE 3)ALEXANDER STRAUB
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(57) Abstract:

A process for preparing 4-(4-nitrophenyl)-3-morpholinone wherein the said compound is prepared by nitrating 4-phenyl-3-morpholinone.

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

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: CONNECTION SYSTEM OF A HOUSING OF A PLUG CONNECTOR HAVING A NUT

(51) International classification	:B31F	(71)Name of Applicant :
(31) Priority Document No	:10 2011 001 079.3	1)PHOENIX CONTACT GMBH & CO. KG Address of Applicant :FLACHSMARKTSTR. 8, 32825
(32) Priority Date	:03/03/2011	BLOMBERG, GERMANY. Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)WALLBAUM, OLAF
Filing Date	:NA	2)GERULLIS, JENS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

In the case of a connection system having a housing (10) and a nut (16) which can be arranged on the housing (10), the aim is to provide a solution by means of which it is possible to prevent the nut (16) from being released inadvertently from the housing (10). This is intended to be achieved in that the nut (16) is formed from an elastic material and latching elements (24) are formed on the nut (16), which latching elements (24) can be latched to mating latching elements (26) which are formed on the housing (10).

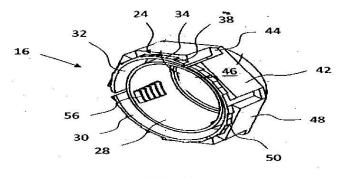


Fig. 3

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

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: EXCAVATOR CAB WITH AN IMPROVED FIELD OF VIEW

(51) International classification	:E02F 9/16	(71)Name of Applicant :
(31) Priority Document No	:12/553,729	1)CATERPILLAR GLOBAL MINING LLC
(32) Priority Date	:03/09/2009	Address of Applicant :1100 MILWAUKEE AVENUE,
(33) Name of priority country	:U.S.A.	SOUTH MILWAUKEE, WISCONSIN 53172, UNITED STATES
(86) International Application No	:PCT/US2010/047558	OF AMERICA U.S.A.
Filing Date	:01/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/028821	1)LANE C. HOBENSHIELD
(61) Patent of Addition to Application	:NA	2)STEVEN M. CASEY
Number	:NA	3)MARK D. LONDBORG
Filing Date	.11/1	4)RUSSELL J. KROLL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An excavator cab is configured to have an improved field of view for three passengers. Seating is provided for an operator, a trainer, and an trainee. Persons seated in those three seats have substantially similar lines of sight. The excavator cab is arranged such that the operator seat and the trainer seat face a front observation window. The trainee set is mounted behind the operator seat and is retractable. The points of egress and aisle are wide enough to accommodate a stretcher or a litter in case of an emergency.

No. of Pages: 20 No. of Claims: 19

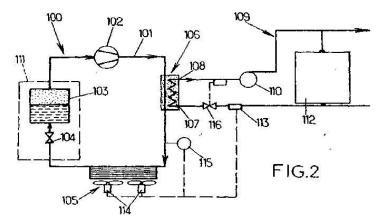
(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: METHOD AND DEVICE FOR HEAT RECOVERY ON A VAPOUR REFRIGERATION 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 	:F25B 29/00 :NA :NA :NA :NA :PCT/EP2009/059685 :27/07/2009 :WO 2011/012153 :NA :NA :NA	(71)Name of Applicant: 1)ECOLACTIS Address of Applicant:16 RUE DU CLOS POFARD, F-21121 AHUY, FRANCE France (72)Name of Inventor: 1)DECAESTECKER LAURENT
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(57) Abstract:

The present invention relates to a method and a device for heat recovery on a vapour compression refrigeration system (100) allowing to produce hot water, said refrigeration unit including at least a first piping closed refrigerating circuit (101) in which a refrigerant fluid circulates, a compressor (102), an evaporator (103), an expansion valve (104), a condenser (105,200) and/or a heat recovery unit (106) including a water inlet (107) and a water outlet (108) respectively connected to a second piping circuit (109) comprising a circulating pump (110), said device is remarkable in that it comprises at least means (113) for determining at least one physical unit of the refrigerant fluid and/or water of the second piping circuit (109), means for increasing condensing temperature when said physical unit is lower than a predetermined threshold, and means for decreasing the condensing temperature to a minimum value when said physical unit is greater than said predetermined threshold.



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

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISTRIBUTED MANAGEMENT MONITORING SYSTEM MONITORING METHOD AND CREATING 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 	:F04D :200910088684.4 :07/07/2009 :China :PCT/CN2010/072497 :06/05/2010 : NA :NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China China (72)Name of Inventor: 1)JIA Xiaoqiang; 2)DONG Xueming; 3)SUN Chunming;
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(57) Abstract:

ABSTRACT DISTRIBUTED MANAGEMENT MONITORING SYSTEM, MONITORING METHOD AND CREATING METHOD THEREOF The present disclosure discloses a method for creating a distributed management monitoring system to create a distributed management monitoring system based on a distributed file system. Moreover, the present disclosure further discloses a monitoring method of the distributed management monitoring system, the method includes: updating a file of recording monitoring information regularly and correspondingly updating a device descriptor table by a sub-file system of the distributed management monitoring system; updating the device descriptor table and informing a server to update a file descriptor table by the sub-file system; and finding a device descriptor table corresponding to a designated network element through traversing the file descriptor table and reading a designated file according to the device descriptor table by the server. Accordingly, the present disclosure provides a distributed management monitoring system, the system includes: a server, a file descriptor table and a sub-file system. Therefore, by utilizing the present disclosure, each network element is enabled to monitor itself independently, unnecessary communications among network elements are reduced, and the stability of the distributed management monitoring system is enhanced. Fig. 3

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

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: WIND POWER GENERATING SYSTEM

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:2011- 94854	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA, 1-CHOME,
(32) Priority Date		MINATO-KU, TOKYO, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HISASHI MATSUDA
Filing Date	:NA	2)MOTOFUMI TANAKA
(87) International Publication No	:NA	3)HIROYUKI YASUI
(61) Patent of Addition to Application Number	:NA	4)SHOHEI GOSHIMA
Filing Date	:NA	5)KUNIHIKO WADA
(62) Divisional to Application Number	:NA	6)TAMON OZAKI
Filing Date	:NA	7)TOSHIKI OSAKO

(57) Abstract:

According to the present invention, there is provided a wind power generating system, having a plurality of plasma airflow generating units, each including a first electrode and a second electrode arranged being separated from the first electrode with a dielectric film and generating plasma airflow owing to dielectric barrier discharge when voltage is applied between the first electrode and the second electrode; and at least one plasma power source which supplies voltage to the plasma airflow generating units, wherein the plasma airflow generating units are arranged at a blade of the wind power generating system and are supplied with voltage as being separated into a plurality of lines separately for each of the lines.

No. of Pages: 38 No. of Claims: 12

(21) Application No.640/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: IMPROVED SECTION AND SHEET METAL CUTTER

(51) International classification (31) Priority Document No	:B64D :NA	(71)Name of Applicant : 1)Abdul Rahman Sheikh
(32) Priority Date	:NA	Address of Applicant :Village: Verinag Post: Dorce District:
(33) Name of priority country	:NA	Anantnag Jammu & Kashmir India. Jammu & Kashmir India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Abdul Rahman Sheikh
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a metal cutting device (100) for cutting rod like or sheet like and similar work pieces, or performing custom cuts of said work pieces at a desired location and angle comprising a rectangular, horizontally disposed work bench (120) mounted across the entire area of the elevated stand (1 10) with its central portion (130) being cut out; a plurality of slides and at least one work piece cutting blade (200).

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

(21) Application No.671/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : AN ASSAY FOR IDENTIFICATION OF MYCOBACTERIAL ANTIGENS IN URINE OF PULMONARY TB PATIENTS

(51) International classification(31) Priority Document No(32) Priority Date	:C12N :NA :NA	(71)Name of Applicant: 1)ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)
(33) Name of priority country	:NA	Address of Applicant :ANSARI NAGAR, NEW DELHI-110
(86) International Application No	:NA	029, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)SINGH URVASHI B.
(61) Patent of Addition to Application Number	:NA	2)KAUSHIK AMIT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method and a kit for detecting Mycobacterium tuberculosis infection. More particularly, the Invention provides polypeptide(s) comprising a Mycobacterium tuberculosis antigen, or a portion or other variant thereof, and use of such polypeptides for the diagnosis of Mycobacterium tuberculosis infection in a biological sample.

No. of Pages: 27 No. of Claims: 6

(22) Date of filing of Application :23/01/2012

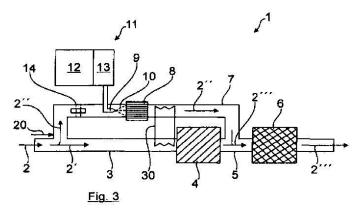
(43) Publication Date: 21/08/2015

(54) Title of the invention : METHOD AND DEVICE FOR THE REGENERATION OF A PARTICLE FILTER ARRANGED IN THE EXHAUST 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 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01N 3/023 :10 2009 032 022.9 :07/07/2009 :Germany :PCT/EP2010/003514 :11/06/2010 :WO 2011/003497 :NA :NA :NA	(71)Name of Applicant: 1)MAN TRUCK & BUS AG Address of Applicant: DACHAUER STRASSE 667, D-80995 MUNCHEN, GERMANY, Germany (72)Name of Inventor: 1)D-RING, ANDREAS 2)ROTHE, DIETER
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(57) Abstract:

The invention relates to a method for regenerating a particulate filter arranged in the exhaust gas tract of an internal combustion engine, having at least one NO oxidation catalytic converter arranged upstream of the particle filter for the oxidation of NO, in particular to form NO2, and having at least one heating device for raising the temperature of an exhaust gas stream. According to the invention, by means of the at least one heating device (8), a defined quantity of thermal energy is produced, with which the temperature of the NO oxidation catalytic converter (4) is set in a defined temperature range, wherein the temperature range is preferably predefined as a function of a level of loading of the particulate filter (6) with carbon black and/or of an efficiency of the NO2-based regeneration of the particle filter (6) by means of the quantity of NO2 formed at the at least one NO oxidation catalytic converter (4)..



No. of Pages: 42 No. of Claims: 17

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SCREED DIE PIVOT REMOVAL SYSTEM

(51) International classification	:E01C 23/16	(71)Name of Applicant:
(31) Priority Document No	:61/228,718	1)GRACO MINNESOTA INC.
(32) Priority Date	:27/07/2009	Address of Applicant :88 11TH AVENUE NE,
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MINNESOTA 55413, UNITED STATES OF
(86) International Application No	:PCT/US2010/043199	AMERICA U.S.A.
Filing Date	:26/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/017042	1)SCHROEDER, JAMES, C.
(61) Patent of Addition to Application	:NA	2)FREDRICKSON, STEVEN, H.
Number	:NA	3)BEDARD, ROLAND, M.
Filing Date	.TVA	4)TRIPLETT, THOMAS, L.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The screed box 12 rides coplanar to the road surface 14 by pivoting independently of the thermo striper machine 16. This allows the user to create more uniform lines and reduces unsightly pooling of thermoplastic caused by rocking of the screed box 12. A machined shaft 18 attached to the screed box 12 pivots in the pre-tensioned mounting bracket 20 on the thermo striper 16. The screed box 12 pivots axially in this mount 20 when it travels over a surface 14, which may be non-coplanar to the plane created by the three wheel points on the thermo striper 16 as shown in Figures 4 and 5. To remove the screed die 12, the pivot mount 20 is relieved of spring 24 tension by pressing down by hand or foot the handle 22 mounted to the pivot 20.

No. of Pages: 11 No. of Claims: 1

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: INTEGRATED CABLE DESIGN FOR INSIDE RELEASE AND INSIDE LOCK FUNCTION

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTEVA PRODUCTS, LLC
(32) Priority Date	:NA	Address of Applicant: 1401 CROOKS ROAD TROY, MI
(33) Name of priority country	:NA	48084 U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TAMETANI, YOSHIHIKO
(87) International Publication No	:NA	2)GIRIYALKAR, VINAYAK
(61) Patent of Addition to Application Number	:NA	3)MANJUNATH, ARUN
Filing Date	:NA	4)PILLAI, RANDHIR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cable end fitting for use in a latch is provided including a sheath for surrounding a portion of a first cable and a second cable. A portion of the sheath, including a first end is positioned within a housing. A base plate is coupled to the second end of the sheath. A first bore and a second bore extend through the base plate and the sheath. The base plate retains the cable end fitting in a position in the latch.

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

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

(54) Title of the invention: A PROCESS COMPRISING CONTACTING A STREAM

(51) International classification	:C07C 2/06	(71)Name of Applicant :
(31) Priority Document No	:10/219,877	1)CATALYTIC DISTILLATION TECHNOLOGIES
(32) Priority Date	:15/08/2002	Address of Applicant:10100 BAY AREA BOULEVARD,
(33) Name of priority country	:U.S.A.	PASADENA, TEXAS 77507, UNITED STATES OF AMERICA,
(86) International Application No	:PCT/US2003/018584	U.S.A.
Filing Date	:12/06/2003	(72)Name of Inventor:
(87) International Publication No	:WO 2004/016573	1)LAWRENCE A. SMITH, JR.,
(61) Patent of Addition to Application	:NA	2)MITCHELL E. LOESCHER
Number	:NA	3)JOHN R. ADAMS
Filing Date	.INA	4)ABRAHAM P. GELBEIN
(62) Divisional to Application Number	:4032/DELNP/2004	
Filed on	:17/12/2004	

(57) Abstract:

A process comprising contacting a stream comprising normal and tertiary olefins with an acid cation resin catalyst under oligomerization conditions to preferentially react a portion of the tertiary olefins with themselves to form said oligomers and feeding said oligomers and isoalkane to an alkylation zone for contacting an oligomer, wherein the alkylation zone is operated as a concurrent downflow reactor under conditions of temperature and pressure to maintain said liquid system at about its boiling point through said alkylation zone packed with disperser contacting internals comprising liquid-liquid coalescers.

No. of Pages: 29 No. of Claims: 22

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : NOVEL ONE STEP PROCESS FOR PREPARATION OF COMPOSITIONS COMPRISING NANOCRYSTALLINE SOLID DISPERSIONS •

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(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S Nagar (Mohali)
(86) International Application No	:NA	Punjab-160062 India Punjab India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Arvind Kumar Bansal
(61) Patent of Addition to Application Number	:NA	2)Ajay Kumar Raju Dantuluri
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention encompasses a novel one-step process for generation of nanocrystalline solid dispersions. Use of crystallization-inducing excipients for altering the crystallization propensity of pharmaceutical actives during pharmaceutical process (e.g. spray drying) is the inventive step of the present invention. The process parameters of the pharmaceutical process have to be optimized in such a way that crystallization of the components of the dispersion is induced. The present invention is particularly of use for improving the dissolution of pharmaceutical actives exhibiting dissolution-limited bioavailability. Dissolution enhancement is because of the decreased crystallite size of the pharmaceutical active.

No. of Pages: 74 No. of Claims: 33

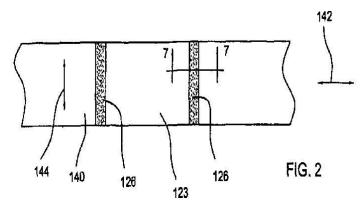
(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: BANDED PAPER, SMOKING ARTICLE AND METHOD

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A24D 1/02 :12/512,580 :30/07/2009	(71)Name of Applicant:  1)PHILIP MORRIS PRODUCTS S.A.  Address of Applicant: QUAI JEANRENAUD 3, CH-2000
(33) Name of priority country	:U.S.A.	NEUCHATEL, SWITZERLAND Switzerland
(86) International Application No Filing Date	:PCT/EP2010/004239 :12/07/2010	(72)Name of Inventor: 1)SHERWOOD, TIMOTHY, S.
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2011/012220	2)ROSE, MARC, W.
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A cigarette wrapper 123 includes transversely extending banded regions 126 applied by a printing technique, such as gravure printing. The banded regions are applied in a single application of an aqueous starch solution also containing an anti-wrinkling agent such as propylene glycol, and calcium carbonate. The pattern of banded regions may be bands or stripes and the like which lie along and/or around a tobacco rod in a cigarette including the wrapper. The banded regions may be solid or contain any number of cross-web and/or longitudinal discontinuities. The pattern may be configured so that when a smoking article including the wrapper is placed on a substrate, at least two longitudinal locations along the length of the tobacco rod have film-forming compound located only on sides of the smoking article not in contact with the substrate. The invention includes a tobacco rod including the wrapper, a smoking article including the tobacco rod and processes for making the wrapper, as well as a method of abating the tendency of wrapper with an aqueous starch-based printed pattern to wrinkle during its manufacture.



No. of Pages: 64 No. of Claims: 15

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: DELIVERY UNIT WITH FILL LEVEL SENSOR FOR A LIQUID ADDITIVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:F01N3/20 :10 2012 005 281.2 :16/03/2012 :Germany :PCT/EP2013/053976 :27/02/2013 :WO 2013/135486 :NA :NA	(72)Name of Inventor: 1)MAGUIN Georges 2)DIOUF Cheikh 3)SCHEPERS Sven
. ,		3)SCHEPERS Sven 4)HODGSON Jan
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The invention relates to a delivery unit (1) for extracting liquid additive from a tank (2) which delivery unit can be mounted on the tank (2) having a fill level sensor (3) for measuring the fill level of liquid additive in the tank (2) wherein the fill level sensor (3) is set up to emit waves into an emission region (4) of the tank (2) and the fill level can be measured by means of a propagation time measurement of the waves that are reflected by a liquid surface (5) and strike the fill level sensor (3) again and wherein the delivery unit (1) has at least a first reference surface (6) which extends at least partially into the emission region (4) and is at a first distance (7) from the fill level sensor (3) wherein the at least one first reference surface (6) is arranged on a separate calibration component (10) which is mounted on an outer side (11) of a housing (12) of the delivery unit.

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: BRONZE COLORED COATED ARTICLE WITH LOW E-COATING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C03C 17/36 :NA :NA :NA :NA :PCT/US2009/006178 :19/11/2009 :WO 2011/062574 :NA :NA	(71)Name of Applicant:  1)CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE S.A. (C.R.V.C) Address of Applicant: ZONE INDUSTRIELLE WOLSER, DUDELANGE, L-3452, GRAND DUCHE DE LUXEMBOURG, LUXEMBOURG Luxembourg (72)Name of Inventor: 1)KNOLI, HARTMUT
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#### (57) Abstract:

A coated article is provided with at least one infrared (IR) reflecting layer, and is designed so as to realize good bronze glass side reflective coloration in combination with desired solar control characteristics and/or transmissive optics. In certain example embodiments, the coated is designed to realize glass side reflective coloration or red a and yellow b, for an overall bronze glass side reflective coloration. The coating may be used in monolithic of IG window units. The coated article may be used in the context of architectural or other types of window units in certain example embodiments of this invention.

No. of Pages: 21 No. of Claims: 22

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: AMINOQUINOLINE BASED HYBRIDS AND USES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:NA :NA :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF DELHI Address of Applicant:UNIVERSIY OF DELHI DELHI - 110007 INDIA Delhi 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 Filing Date	:NA :NA :NA :NA :NA	1)DIWAN SINGH, RAWAT 2)SUNNY MANOHAR 3)UMMADISETTY CHINNA RAJESH

#### (57) Abstract:

The invention relates to aminoquinoline based hybrids and uses thereof, comprising of 4-aminoquinoline, 8-aminoquinoline, mefloquine, amidoquine& all combinations thereof, with general formula (I) as herein described: (Formula Removed) Formula (I) Wherein R is independently absent or selected from the group of substituted or un-substituted, linear, branched, or cyclic alkyl, alkenyl, or alkynyl; halogen, substituted or unsubstitutedalkoxy, nitro, cyno, carbonyl, hydroxyl, phenoxy, thio, and substituted or un-substituted or un-substituted or un-substituted or un-substituted, linear, branched, or cyclic alkyl, alkenyl, or alkynyl; halogen, substituted or unsubstitutedalkoxy, nitro, cyno, carbonyl, hydroxyl, phenoxy, thio, and substituted or unsubstituted aryl or hetero-aryl; the six membered ring with X, Y, Z be all CH or combination of CH, X/Y/Z or any other combination where X, Y, Z being N, O, S or any other biologically relevant atoms or fused heteroaromatic system such as pyrimidine, pyrazine, triazine and all other heteroaromatics with various substitution patterns and n = 0-16, the (CH2)n being a linker or spacer, and it can be aromatic, hetero-aromatic or cyclic systems.

No. of Pages: 40 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.676/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: MIXING SILO

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07C :11157931.4 :11/03/2011	(71)Name of Applicant:  1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY.
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)HERBERT UNGERECHTS
Filing Date	:NA	2)HANS-JORG FRANK
(87) International Publication No	:NA	3)CHRISTOPH SCHWEMLER
(61) Patent of Addition to Application Number	:NA	4)REINER HORL
Filing Date	:NA	5)HANS-JURGEN THIEM
(62) Divisional to Application Number	:NA	6)MARKUS HAGEDORN
Filing Date	:NA	

#### (57) Abstract:

A mixing silo for free-flowing finely divided solid materials, in particular for powdered, fibrous and/or granular mixed material, especially polymer granules, specifically suited for mixing polymer granules, having an excellent mixing quality and at the same time a simplified and improved suitability for washing out in order to avoid cross contamination. The mixing silo may be used for homogenizing possibly inhomogeneous polymer granule batches in the form of a stream of product from a process producing polymer granules.

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

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : IMPROVED HOUSEHOLD SOLAR STILL WITH EASY OPERATION AND MAINTENANCE AND ENHANCED OUTPUT

		(71)Name of Applicant:
(51) International classification	:G01W	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(31) Priority Document No	:NA	RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI - 110 001, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUBARNA, MAITI
(87) International Publication No	:NA	2)PANKAJ ARVINDBHAI PATEL
(61) Patent of Addition to Application Number	:NA	3)CHITANGI BHATT
Filing Date	:NA	4)JITENDRA NARSINHBHAI BHARADIA
(62) Divisional to Application Number	:NA	5)MAHESH RAMJIBHAI GAJJAR
Filing Date	:NA	6)PRATAP SASHIKANT BAPAT
		7)PUSHPITO KUMAR GHOSH

⁽⁵⁷⁾ Abstract:

The present invention relates to an improved design of a household solar distillation unit for drinking water production.

No. of Pages: 30 No. of Claims: 12

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: RECOMBINANT ANTIGEN BASED SERO - DIAGNOSIS OF NEWCASTLE DISEASE

(51) International classification	:C12N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI - 110014 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. CHELLAPPA MADHAN MOHAN
(87) International Publication No	:NA	2)DR. SOHINI DEY
(61) Patent of Addition to Application Number	:NA	3)DR. JAG MOHAN KATARIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Newcastle disease is a highly contagious viral disease affecting almost all species of birds of different age groups worldwide. A Newcastle disease virus isolate was propagated in embryonated chicken eggs, purified and the conserved nucleoprotein gene of the virus was expressed from a yeast expression vector pESC URA and the recombinant protein was expressed from the yeast Saccharomyces cerevisiae. A recombinant nucleoprotein (NP) antigen-based single serum dilution enzyme linked immuno-sorbent assay (ELISA) was developed to measure the specific antibody in sera of chickens against Newcastle disease virus. Sera samples from a total of 1182 chickens collected from various parts of the country were analyzed in developing the assay. A linear relationship was found between the predicted antibody titres at a single working dilution of 1:200 and the corresponding observed serum titres as determined by the standard serial dilution method. Regression analysis was used to determine a standard curve from which an equation was derived that allowed the demonstration of this correlation. The equation was then used to convert the corrected absorbance readings of the single working dilution directly into the predicted ELISA antibody titres. The assay proved to be sensitive, specific and accurate as compared to the standard haemagglutination inhibition (HI) test. Key words: Newcastle disease virus - recombinant NP antigen - yeast expression - single serum dilution ELISA

No. of Pages: 24 No. of Claims: 4

(21) Application No.660/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : ELECTRICAL APPLIANCE TO BE FIXED BY SNAPPING ONTO A HORIZONTAL SUPPORT RAIL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:F02F :1152021 :11/03/2011 :France :NA :NA	LATTRE DE TASSIGNY, 87000 LIMOGES, FRANCE France 2)LEGRAND SNC (72)Name of Inventor:
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA	1)JEAN-PIERRE LIPARI
Filing Date	:NA	

#### (57) Abstract:

An- appliance that comprises a claw with a service position for fixing the appliance to a rail and a retracted position for releasing the appliance from said rail, in which the claw (35) is lowered with respect to the service position. This claw (35) comprises: a carriage (36) in a single piece comprising a chassis and a catch; and - a slider (37) distinct from the carriage (36), mounted slidably in said carriage (36), the top end of said slider (37) forming a bottom nose for holding on the rail. (See figure 7)

No. of Pages: 45 No. of Claims: 16

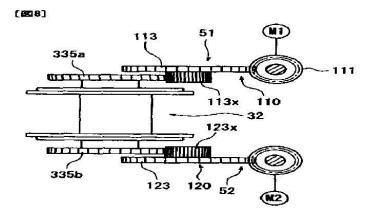
(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: ROTARY DEVIE AND WINCH PROVIDED WITH ROTARY DEVICE

(51) International classification	:B60R 9/042	(71)Name of Applicant:
(31) Priority Document No	:2009-174124	1)TOYOTA SHATAI KABUSHIKI KAISHA
(32) Priority Date	:27/07/2009	Address of Applicant :100, KANAYAMA, ICHIRIYAMA-
(33) Name of priority country	:Japan	CHO, KARIYA-SHI, AICHI 4480002 (JP) Japan
(86) International Application No	:PCT/JP2010/059617	(72)Name of Inventor:
Filing Date	:07/06/2010	1)ARIYOSHI, RYOUSUKE
(87) International Publication No	:WO 2011/013443	2)INAGUMA, YUKIO
(61) Patent of Addition to Application	:NA	3)HORIGUCHI, KENJI
Number	:NA	4)KINOSHITA, HIDEKI
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

It is an object of the present invention to provide a rotation device in which a cylindrical rotating body is configured to be driven by a plurality of motors and in which a meshing operation of a first motor-side gear and a rotating body-side gear and a meshing operation of a second motor-side gear and a rotating body-side gear can be easily performed so as to increase efficiency of an attaching operation of the motors to the rotating body. A bracket of a rotation device of the present invention has a guide mechanism that is configured to guide a first motor (MI) and a second motor (M2) so as to rotate the same about an axis of a cylindrical rotating body (32) relative to each other. A first gear (113x) and a second gear (123x) can respectively be meshed with rotating body side gears (335a, 335b) corresponding thereto while the first motor (MI) or the second motor (M2) is deviated around the axis of the cylindrical rotating body (32) from a normal attachment position with respect to the bracket. Further, the first motor (MI) or the second motor (M2) can be guided to the normal attachment position by the guide mechanism in the condition.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6174/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

## (54) Title of the invention: APOPTOSIS SIGNAL REGULATING KINASE INHIBITOR

(51) International :C07D233/56,C07D401/04,C07D401/14 classification

(31) Priority Document

:61/591710

:27/01/2012 (32) Priority Date (33) Name of priority

:U.S.A. country

(86) International Application No

:PCT/US2013/022997 :24/01/2013

Filing Date

(87) International :WO 2013/112741

Publication No

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

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

:NA :NA

Filing Date

(71)Name of Applicant: 1) GILEAD SCIENCES INC.

Address of Applicant: 333 Lakeside Drive Foster City CA

94404 U.S.A.

(72)Name of Inventor: 1)NOTTE Gregory

(57) Abstract: The present invention relates to a compound of formula (I): The compound has apoptosis signal regulating kinase (ASK 1) inhibitory activity and is thus useful in the treatment of diseases such as kidney disease diabetic nephropathy and kidney fibrosis.

No. of Pages: 41 No. of Claims: 12

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: WATER TREATMENT SYSTEM USING LED-UV LAMP AND PHOTOCATALYST

		(71)Name of Applicant:
(51) International classification	:C07C	1)KHIM, JEE-HYEONG
(31) Priority Document No	:NA	Address of Applicant :117-1901, DOOSAN WEVE APT.,
(32) Priority Date	:NA	DOGOK-RI, WABU-EUP, NAMYANGJU-SI, GYEONGGI-DO
(33) Name of priority country	:NA	472-962, REPUBLIC OF KOREA Republic of Korea
(86) International Application No	:NA	2)NA, SEUNG-MIN
Filing Date	:NA	3)CUI, MING-CAN
(87) International Publication No	:NA	4)CHO, EUN-JU
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KHIM, JEE-HYEONG
(62) Divisional to Application Number	:NA	2)NA, SEUNG-MIN
Filing Date	:NA	3)CUI, MING-CAN
-		4)CHO, EUN-JU

### (57) Abstract:

Disclosed herein is a water treatment system, including: a raw water storage tank; a TiO2 supply unit introducing TiO2 into the raw water storage tank; an LED-UV irradiation unit receiving raw water containing TiO2 from the raw water storage tank, irradiating the raw water with LDE-UV and then discharging the raw water, the LED-UV irradiation unit being provided therein with at least one LED-UV lamp; and a membrane receiving the raw water irradiated with LED-UV from the LED-UV irradiation unit and then recovering TiO2 from the raw water.

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

(22) Date of filing of Application :23/01/2012

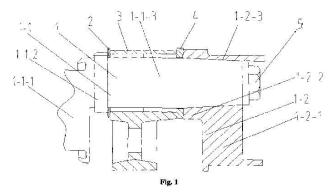
(43) Publication Date: 21/08/2015

# (54) Title of the invention : CRANKSHAFT-SLIDER ASSEMBLY AND INTERNAL COMBUSTION ENGINE, AND COMPRESSOR THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F02B 75/32 :CN 200910087606.2 :24/06/2009 :China :PCT/CN2010/000554 :22/04/2010 :WO 2010/148629 :NA :NA :NA	(71)Name of Applicant:  1)BEIJING SINOCEP ENGINE TECHNOLOGY CO., LTD.  Address of Applicant:ROOM 1111, JINGXUE YING BUILDING, 5A CHENGFUBEIHE YAN, HAIDIAN DISTRICT, BEIJING 100080, P. R. CHINA China (72)Name of Inventor:  1)LI, MING 2)LI, ZHENGZHONG
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#### (57) Abstract:

The invention provides a crankshaft-slider assembly, comprising a crankshaft and a slider or a slider group fitted over the crank pin of the crankshaft, characterized in that at least one spacer is mounted on the crank pin, wherein the said at least one spacer is adjoined by the axial extreme side of the slider or the outer axial extreme side of the slider group, wherein the inner hole diameter of the spacer is somewhat larger than the outer diameter of the crank pin, and can play axially after mounting. In accordance with the invention, by selecting the spacers with different thickness based on the actual size of the parts, the problems of high demand to the axial size chain accuracy of the crank pin in the crankshaft-slider assembly and uneasy to control are addressed; the spacers also avoid the contact between the adjacent surfaces which used to produce high-speed friction, and solve the problem of surface ablation. Figure: 1



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

(21) Application No.664/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: CUCN-MEDIATED ONE POT PRODUCTION OF CINNAMONITRILE DERIVATIVES

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)BRIJ BHUSHAN AHUJA
(61) Patent of Addition to Application Number	:NA	2)REDDY SANTOSH REKULA
Filing Date	:NA	3)ARUMUGAM SUDALAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention discloses a cheaper and practical protocol for the construction of a wide variety of o-cyanocinnamonitrile and their structural analogues that proceeds with good yields in a single step using CuCN as the only reagent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.664/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: PERMEABLE PAVING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:E21B :0910956.2 :25/06/2009 :U.K. :PCT/GB2010/001241 :23/06/2010 :WO 2011/149973	(71)Name of Applicant:  1)SUDSCAPE LIMITED  Address of Applicant: HINTS ROAD, MILE OAK, TAMWORTH, STAFFORDSHIRE B78 3PQ, UNITED KINGDOM U.K. (72)Name of Inventor: 1)CHESNEY ORME
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A composite surface material comprising a permeable substrate and a permeable surface layer bonded to the substrate so that the material is permeable.

No. of Pages: 12 No. of Claims: 30

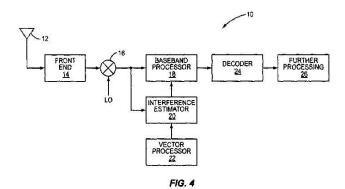
(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: INTERFERER REGION IDENTIFICATION USING IMAGE PROCESSING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H04J 11/00 :12/504,233 :16/07/2009 :U.S.A. :NA	11
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Demodulation and interference parameter estimation m an OFDM receiver is improved by identifying regions, in a two-dimensional arras of time-frequency transmission positions, having related interference parameters, such as resulting from the same pre-coding scheme, transmission rank, transmitting antennas, and the like. An interference measure is estimated for each of a plurality of time-frequency positions. The interference measures are analyzed by considering them as pixels, or picture elements, in a two-dimensional image, and applying image processing algorithm to identify the regions having related interference parameters. The image processing algorithms may include operations such as edge detection, segmentation, and or clustering The receiver may perform interference suppression or cancellation such as interference rejection combining of data extracted from signals received within an identified time-frequency region having related interference parameters.



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

(22) Date of filing of Application :02/03/2012 (4

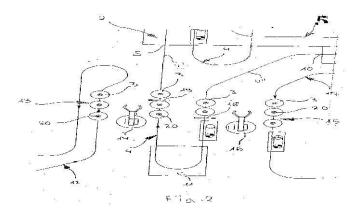
### (43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD FOR OPERATING A SYSTEM HAVING A PLURALITY OF TEMPORALLY CORRELATED CONVEYOR CHAIN STRANDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:Germany :NA :NA	(71)Name of Applicant: 1)EISENMANN AG Address of Applicant: TUBINGER STR. 81,D-71032 BOBLINGEN, GERMANY Germany (72)Name of Inventor: 1)BERND PLEWA
(87) 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:

There is described a method for operating a system having a plurality of temporally correlated conveyor chain strands in which the conveyed objects (3) are transferred in a first transfer station (13) by a first robot (14) from, a first supplying conveyor chain strand (12) to a second conveyor chain strand (4') which leads to a proc¬essing station (2). A third conveyor chain strand (4") moves the processed objects to a second transfer station (15), where they are removed by a second robot (16) and are transferred to a fourth conveyor chain strand (17). In order to ensure the correct temporal correlation of the starting of the transfer routines of the two robots (14, 16) even with occurrences of elongation of the con¬veyor chain strands (4', 4") or similar changes to the operating parameters, in an operating state in which the temporal correlation is correct, the time at which two markings which are applied to the second of the third conveyor chain strand (4', 4") are passed is established at fixed sensors (18, 19) and stored. The temporal spac¬ing between these two signals is further monitored during operation. If there is a deviation from the stored value in this instance, the time of the starting of the trans¬fer routine of at least one robot (14, 16) is advanced or delayed accordingly, a new localised transfer point is calculated for the respective robot (14, 16) and the in¬ternal coordinate system thereof accordingly displaced. In this manner, a correct temporal interaction of the two robots (14, 16) is ensured.



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

(22) Date of filing of Application :02/03/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : LEAD-FREE AND YELLOW COLORATION-FREE TRANSPARENT DIELECTRIC GLASS COMPOSITION FOR PLASMA DISPLAY PANEL AND A PROCESS THEREOF

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)BASUDEB KARMAKAR
(61) Patent of Addition to Application Number	:NA	2)ANAL TARAFDER
Filing Date	:NA	3)SHIV PRAKASH SINGH
(62) Divisional to Application Number	:NA	4)MAHARSHI SAMANTA
Filing Date	:NA	5)HARISH KUMAR DWIVEDI

### (57) Abstract:

The present invention relates to epoxy jatropha fatty acid alkyl esters, their acyloxy derivatives such as 9,10-di acyloxy octadecanoic acid and 9,10,12,13- tetraacyloxy octadecanoic acid alkyl ester-rich jatropha fatty acid alkyl ester mixtures, methods for their preparation and their evaluation as lubricant basestocks.

No. of Pages: 50 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/01/2012

(21) Application No.604/DELNP/2012 A

(43) Publication Date: 21/08/2015

(54) Title of the invention: A COMPOUND-3

(51) International classification

(33) Name of priority country

(86) International Application No

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

(31) Priority Document No

(32) Priority Date

Number

Filing Date

Filing Date

Filed on

(71)Name of Applicant:

1)BRISTOL-MYERS SQUIBB COMPANY

Address of Applicant :A CORPORATION OF THE STATE OF DELAWARE OF P.O. BOX 4000, ROUTE 206 OF PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-

4000, USA U.S.A.

(72) Name of Inventor:

1)YADAGIRI R. PENDRI

2) CHUNG-PIN H. CHEN

3)SUNIL S. PATEL

4) JEFFREY M. EVANS

5)JING LIANG

:C07F 7/08

:60/432,549

:11/12/2002

:10/12/2003

:24/05/2005

:PCT/US2003/039554

:WO 2004/052310

:2181/DELNP/2005

:U.S.A.

:NA

:NA

6)DAVID R. KRONENTHAL

7)GERALD L. POWERS

8)SIVA JOSYULA PRASAD

9)JEFFREY T. BIEN

10)ZHONGPING SHI

11)RAMESH N. PATEL

12)AMIT BANERJEE

13)YEUNG Y. CHAN

14) SUSHIL K. RIJHWANI

15)AMBARISH K. SINGH

16)SHAOPENG WANG 17)MILAN STOJANOVIC

18)DAVID J. KUCERA

19)RICHARD POLNIASZEK

20)CHARLES LEWIS

21)JOHN THOTTATHIL

22) DHILEEPKUMAR KRISHNAMURTY

23)MAOTANG X. ZHOU

24)PURUSHOTHAM VEMISHETTI

#### (57) Abstract:

A compound of formula: or a salt thereof wherein: A is CH2 or a bond; R27 is hydrogen, benzyl, or SiRd2Rc; R6 is C1 to C4 alkyl or phenyl; and Rd is C1 to C3 alkyl.

No. of Pages: 103 No. of Claims: 2

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: MUDLINE MANAGED PRESSURE DRILLING AND ENHANCED INFLUX DETECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:13/050164 :17/03/2011	(71)Name of Applicant:  1)HYDRIL USA MANUFACTURING LLC Address of Applicant: 3300 N. SAM HOUSTON PARKWAY EAST HOUSTON, TEXAS 77032, U.S.A. U.S.A. (72)Name of Inventor: 1)DIETZ, DAVID ALBERT 2)JUDGE, ROBERT ARNOLD 3)DUMAN, AHMET
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#### (57) Abstract:

Apparatuses useable in drilling installations for adjusting a mud return flow in a mud loop, at a location far from a mud tank are provided. An apparatus includes (1) a sensor located close to a seabed and configured to acquire values of at least one parameter related to a return mud flow, (2) a valve located near the sensor and configured to regulate the return mud flow, and (3) a controller connected to the valve and the sensor. The controller is configured to automatically control the valve to regulate the return mud flow towards achieving a value of a control parameter close to a predetermined value, based on the values acquired by the sensor. Methods of incorporating an apparatus in a drilling installation and retrofitting existing installations are also provided.

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: VEHICLE CHARGE CABLE SOCKET CONNECTOR

(51) International classification	:B64D	(71)Name of Applicant:
	:2011-	1)SMK CORPORATION
(31) Priority Document No	073487	Address of Applicant :5-5, TOGOSHI, 6-CHOME
(32) Priority Date	:10/03/2011	SHINAGAWA-KU, TOKYO, 142-8511 (JP). Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KINOSHITA, KATSUHIRO
Filing Date	:NA	
(87) 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:

Electrical connection reliability of a vehicle charge cable socket connector is maintained for a long period. Dust particles and rain drops that inevitably get into a socket contact can be let out through a contact through hole and a housing through hole that extend from inside the socket contact to outside a housing. Such a configuration can avoid adverse effects of dust particles and drain drops on electrical contact and maintain high connection reliability for a long period.

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

(21) Application No.2441/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: COMPOSITIONS COMPRISING AN ANTI-INFLAMMATORY BLEND

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:01/10/2010 :WO 2011/041648	(71)Name of Applicant: 1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC. Address of Applicant: GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SIMARNA KAUR 2)MICHAEL SOUTHALL
	:WO 2011/041648 :NA :NA :NA :NA	

## (57) Abstract:

The present invention relates to a composition comprising an NFKB-inhibitor and an anti-inflammatory compound. The anti-inflammatory compound is not an NFKB-inhibitor and has an IC50 of about 70  $\mu g/ml$  or less.

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 21/08/2015

# $(54) \ Title \ of the invention: METHOD \ AND \ APPARATUS \ FOR \ VISUALIZING \ DYNAMIC-HOST-CONFIGURATION-PROTOCOL \ SCOPES$

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:14/092,061	1)SOLARWINDS WORLDWIDE, LLC
(32) Priority Date	:27/11/2013	
(33) Name of priority country	:U.S.A.	Austin, Texas 78735, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HRUSKA, ONDREJ
(87) International Publication No	: NA	2)JOBST, JENNIFER ELIZABETH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method and apparatus can be configured to determine that a first range of internet protocol addresses corresponds to a first scope. The method can also include displaying a first visual representation of the first scope. The first visual representation includes a first displayed bar. The length of the first displayed bar represents the span of the first scope. Each internet protocol address of the first scope has a representative position within the first displayed bar.

No. of Pages: 23 No. of Claims: 18

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: BIODEGDRADABLE SCAFFOLD FOR SOFT TISSUE REGENERATION AND USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61L 27/12 :PA 2009 70054 :06/07/2009 :Denmark :PCT/DK2010/050176 :06/07/2010 :WO 2011/003422 :NA :NA :NA	(71)Name of Applicant:  1)COLOPLAST A/S Address of Applicant:HOLTEDAM 1, DK-3050 HUMLEBAEK, DENMARK Denmark (72)Name of Inventor: 1)HANNE EVERLAND 2)LENE FELDSKOV NIELSEN 3)JAKOB VANGE 4)MONICA RAMOS GALLEGO
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#### (57) Abstract:

The present invention relates to new reinforced biodegradable scaffolds for soft tissue regeneration, as well as methods for support and for augmentation and regeneration of living tissue, wherein a reinforced biodegradable scaffold is used for the treatment of indications, where increased strength and stability is required besides the need for regeneration of living tissue within a patient. The present invention further relates to the use of scaffolds together with cells or tissue explants for soft tissue re¬generation, such as in the treatment of a medical prolapse, such as rectal or pelvic organ prolapse, or hernia.

No. of Pages: 77 No. of Claims: 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: HYBRID INTERFERENCE COATINGS, LAMPS, AND METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:22/06/2010 :WO 2011/005489 :NA :NA	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)ZHAO, ZHIBO 2)ZHAO, TIANJI 3)ISRAEL, RAJASINGH SCHWARTZ 4)LI, JIAWEI
Filing Date	:NA	

### (57) Abstract:

Disclosed herein are optical interference multilayer coatings having region provided by a physical vapor deposition process and region provided by a chemical vapor deposition process. Also disclosed herein are methods of making such coatings, as well as lamps comprising a light-transmissive envelope, at least a portion of the surface of the light-transmissive envelope being provided with the optical interference multilayer coating noted above. Such coatings, when used on lamps, may advantageously offer improved energy efficiencies for such lamps.

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

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR BEARING TIME SYNCHRONIZATION PROTOCOL IN OPTICAL TRANSPORT NETWORK

(51) International classification	:H04L 7/00	(71)Name of Applicant:
(31) Priority Document No	:200910162637.X	1)ZTE CORPORATION
(32) Priority Date	:14/08/2009	Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
(33) Name of priority country	:China	HI-TEACH INDUSTRIAL PARK, NANSHAN DISTRICT,
(86) International Application No	:PCT/CN2009/075232	SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R.
Filing Date	:01/12/2009	CHINA China
(87) International Publication No	:WO 2011/017867	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SONG, XIAOPENG
Number	:NA :NA	2)YUAN, YAN
Filing Date	:NA	3)WANG, LINFENG
(62) Divisional to Application Number	:NA	4)SU, FEI
Filing Date	:NA	5)GU, YUAN

#### (57) Abstract:

The present invention discloses a method and a system for correcting a time when an Optical Transport Network (OTN) bears a time synchronization protocol, which are used for solving the technical problem that the time synchronization protocol cannot be transported normally because of the unfixed transport delay time of the OTN network. In the present invention, when time synchronization protocol data are added in and dropped off the OTN network, a delay time during which the data passes through the OTN network is calculated based on an accurate synchronization time inside the OTN network, and the delay time is written in a correction filed of the time synchronization protocol data packet, thereby correcting the influence on the time synchronization protocol caused by the unfixed delay time in the OTN network.

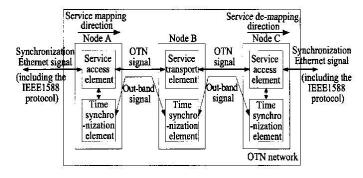


FIG. 3

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

(22) Date of filing of Application :23/01/2012

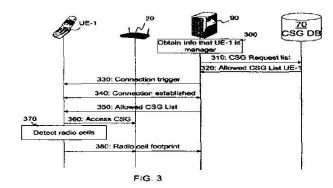
(43) Publication Date: 21/08/2015

# (54) Title of the invention: ACCESS NETWORK DISCOVERY AND SELECTION FUNCTION, ANDSF, NODE DISTRIBUTING CLOSED SUBSCRIBER GROUP, CSG, INFORMATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H04W 48/16 :NA :NA :NA :PCT/SE2009/050868 :03/07/2009 :WO 2011/002370 :NA :NA	(71)Name of Applicant:  1)TELEFONAKTIEBOLAGET LM ERICSSON (PNBL) Address of Applicant: SE-164 83 STOCKHOLM(SE) Sweden (72)Name of Inventor: 1)OLSSON, MAGNUS 2)BLECKERT, PETER 3)BUCHMAYER, MATS 4)NOREFORS, ARNE 5)VIKBERG, JARI
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a method in an Access Network Discovery and Selection Function, ANDSF, node for distributing Closed Subscriber Group information. The CSG information comprises an Allowed CSG List of a first UE and cell information indicating position of a cell with controlled access associated to the Allowed CSG List. The method comprises retrieving an Allowed CSG List of the radio cell from a CSG Database over a first network 10 interface (CSGi) between the ANDSF node and the CSG Database. Furthermore, the ANDSF node triggers the first UE to establish a connection to the ANDSF node over a second network interface (ANDSFi) between the ANDSF node (90) and the first UE. In addition, the ANDSF node receives cell information indicating the position of the cell with controlled access and the Allowed CSG List is sent to the first UE.



No. of Pages: 52 No. of Claims: 19

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: HAIR RESTORATION SURGERY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61B 1/313 :61/243,271 :17/09/2009 :U.S.A. :PCT/US2010/049283 :17/09/2010 :WO 2011/035125 :NA :NA	(71)Name of Applicant:  1)CARLOS K. WESKLEY  Address of Applicant: 184 E. 2ND STREET, SUITE 5G NEW YOURK, NY 10009 U.S.A. U.S.A. (72)Name of Inventor:  1)CARLOS K. WESLEY
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A surgical apparatus includes an elongated member (1), a dissection module (10), and an extraction module (701). The dissection module is removably attachable to a first end of the elongated member and includes a tissue separating device (10). The extraction module is removably attachable to the first end of the elongated member and includes a suction port and a tissue removal implement (13,14) disposed within the suction port.

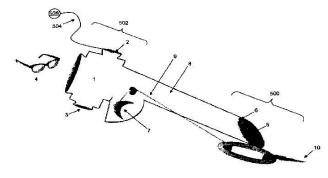


Fig. 5A

No. of Pages: 41 No. of Claims: 47

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : A SYSTEM AND METHOD OF ONLINE RADIATION MANAGEMENT AND CONTROL OF NON-IONIZING RADIATION SOURCES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:21/09/2010 :WO 2011/036664 :NA :NA	(71)Name of Applicant:  1)WAVE GUARD TECHNOLOGIES LTD.  Address of Applicant: 25 HATA'AS STREET, P.O. BOX 7014, 44641 KFAR SABA, ISRAEL. Israel (72)Name of Inventor:  1)SHAUL, DAVID
- (	:NA :NA :NA	

#### (57) Abstract:

A computerized system for continuously monitoring the radiation coming from one or more radiation sources in a site, comprising: (a) a processing unit, for comparing radiation related data with regulation operational permits of the radiation sources, wherein the processing unit receives data files from the radiation sources and extracts from them the radiation related data; (b) a permits server for providing the regulation operational permits to the processing unit, wherein the permits server is connected to the processing unit; (c) an anomaly generator for receiving the compared radiated data from the processing unit, and generating an anomaly data file; wherein the anomaly file is utilized for managing and controlling the radiation sources, and detecting radiation anomaly in the site.

No. of Pages: 35 No. of Claims: 16

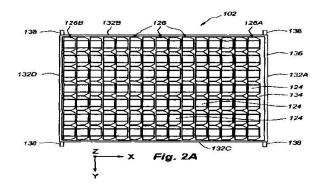
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: ILLUMINATION AGNOSTIC SOLAR PANEL

(51) International classification	:H01L 31/042	(71)Name of Applicant:
(31) Priority Document No	:61/187,202	1)TENKSOLAR, INC.
(32) Priority Date	:15/06/2009	Address of Applicant :9549 PENN AVENUE SOUTH,
(33) Name of priority country	:U.S.A.	BLOOMINGTON, MN 55431, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/038702	(72)Name of Inventor:
Filing Date	:15/06/2010	1)MEYER, DALLAS W.
(87) International Publication No	:WO 2010/148009	2)BERG, LOWELL J.
(61) Patent of Addition to Application	:NA	3)MEYER, FORREST C.
Number	:NA	4)KNIGHT, RAYMOND W.
Filing Date	.11/1	5)WHEELER, STEVEN E.
(62) Divisional to Application Number	:NA	6)NOVOTNY, JOHN P.
Filing Date	:NA	

#### (57) Abstract:

In one example, a photovoltaic module includes a plurality of discrete photovoltaic cells arranged in a plurality of cell rows, and a substantially electrically conductive and continuous area backsheet. The photovoltaic cells in each cell row are electrically connected in parallel to each other. The cell rows are electrically connected in series to each other and include a first row and a last row. The backsheet forms a current return path between the first and last rows. The photovoltaic cells are configured such that, in operation, current flows substantially uni-directionally through the plurality of photovoltaic cells between the first row and the last row.



No. of Pages: 63 No. of Claims: 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.399/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : CELL PROTECTION IN DIALYSIS PATIENTS BY ADMINISTRATION OF A CREATINE COMPOUND

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61K 31/19 :09009618.1 :24/07/2009 :EUROPEAN UNION :PCT/EP2010/004458 :21/07/2010 :WO 2011/009601 :NA :NA	(71)Name of Applicant: 1)CREARENE LTD. Address of Applicant: LENNOX PATON CORPORATE SERVICES LIMITED, FORT NASSAU CENTRE, MARLBOROUGH STREET, NASSAU, BAHAMAS, Bahamas (72)Name of Inventor: 1)KIRSCHNER, ULRICH
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The invention relates to a dialysis solution for haemodialysis or peritoneal dialysis, said solution having a theoretical osmolarity within the range of from 250 to 550 mosm/L and a pH value within the range of from 4.9 to 8.0, said solution comprising a creatine compound and one or more electrolytes, wherein the concentration of the creatine compound is not more than 50 mM.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.638/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : NOVEL ALKOXYENONES AND ENAMINO KETONES AND A METHOD FOR THE PRODUCTION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:C07C 67/10 :09166239.5 :23/07/2009 :EUROPEAN UNION :PCT/EP2010/004286 :14/07/2010 :WO 2011/009552	(71)Name of Applicant:  1)BAYER CROPSCIENCE AG Address of Applicant: ALFRED-NOBEL-STR. 50, 40789  MONHEIM, GERMANY Germany (72)Name of Inventor:  1)SERGII PAZENOK 2)NORBERT LUI 3)ARND NEEFF
(33) Name of priority country		i i i i i i i i i i i i i i i i i i i
· · ·		1/6221022112221(022
(87) International Publication No		
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to novel alkoxy enones and enamino ketones, and to a novel process for preparation thereof. Alkoxy enones and enamino ketones are valuable intermediates for preparation of pyrazoles and anthranilamides, which can be used as insecticides.

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

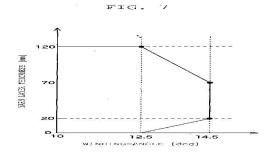
(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: YARN WINDING DEVICE

(51) International classification	:D03C	(71)Name of Applicant:
(31) Priority Document No	:2011- 124660	1)MURATA MACHINERY, LTD. Address of Applicant :3 MINAMI OCHIAI-CHO,
(32) Priority Date	:02/06/2011	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326,
(33) Name of priority country	:Japan	JAPAN. Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MUTA KATSUFUMI
(87) 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 yarn winding device (1) includes a winding section (17), a winding-angle pattern storage section (72), and a winding control section (73). The winding section (17) is adapted to wind a yarn (20) around a winding bobbin (22) to form a conical package (30). The winding-angle pattern storage section (72) is adapted to store a winding-angle pattern that associates a thickness of a yarn layer of the package with a winding-angle. The winding control section (72) is adapted to control the winding section (17) so as to wind the yarn (20) with the winding-angle determined in accordance with the winding-angle pattern stored in the winding-angle pattern storage section (72).



No. of Pages: 33 No. of Claims: 8

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: SHIPPING CONTAINER HAVING INTEGRAL GEOLOCK SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:13/07/2010 :NA :NA :NA	(71)Name of Applicant:  1)TRAKLOK CORPORATION  Address of Applicant:11020 SOLWAY SCHOOL ROAD, SUITE 111 KNOXVILLE, TN 37931, U.S.A. U.S.A. (72)Name of Inventor:  1)DOBSON, ERIC L 2)REED, JOEL, K.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A shipping apparatus for small, high value or accountable items comprises: a substantially rigid housing comprising two opposed sections connected to one another, forming a container capable of being opened and closed, typically in a clamshell arrangement; and an integral locking device to secure the container in the closed position. The locking device includes: a microprocessor; a global positioning system (GPS) receiver; a power supply; and an electromechanical latching mechanism to actuate the locking device and to unlock the locking device upon signal from the microprocessor when the shipping container has reached a selected geographic location. The locking device may further contain additional sensing and communication functions.

No. of Pages: 42 No. of Claims: 19

(21) Application No.679/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : COSMETIC SKIN CARE COMPOSITIONS AND METHODS PROVIDING ENHANCED PENETRATION OF SKIN CARE ACTIVES

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:NA	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(33) Name of priority country	:NA	CINCINNATI, OH 45202, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JONES, STEVAN, DAVID
(87) International Publication No	:NA	2)GUJRATY, KUNAL, VIRENDRA
(61) Patent of Addition to Application Number	:NA	3)YOSHIMI, NAOHISA
Filing Date	:NA	4)PAUL, MONALISHA
(62) Divisional to Application Number	:NA	5)WESCOTT, JAMES, TERENCE
Filing Date	:NA	

### (57) Abstract:

A skin care composition suitable for topical application is provided. In some embodiments, the skin care composition includes glycerin, hexyldecanol, a vitamin B compound, and one or more materials selected from the group consisting of pentylene glycol, hexylene glycol, butylene glycol, and hexane diol.

No. of Pages: 45 No. of Claims: 29

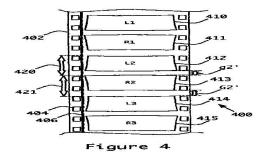
(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR CROSSTALK AND DISTORTION CORRECTIONS FOR THREE-DIMENSIONAL (3D) PROJECTION

### (57) Abstract:

A method for use with 3-dimensional or stereoscopic projection is disclosed, with crosstalk and differential distortion compensations provided for stereoscopic images in a presentation such that the projected images will have reduced crosstalk and differential distortion.



No. of Pages: 59 No. of Claims: 20

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: PLANT AND METHOD FOR THE RECYCLING OF PLASTICS, PREFERABLY PET

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C :102011005568.1 :15/03/2011 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)KRONES AG  Address of Applicant:BOHMERWALDSTR. 5, 93073  NEUTRAUBLING, GERMANY Germany (72)Name of Inventor:  1)REESE, LARS  2)HAASE, ARNE  3)PETERS, NORBERT
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### (57) Abstract:

Described are a plant and a method for the recycling of plastics, preferably PET, comprising a switching device for switching between a first process line for a first production process for the production of a first recycling product, in particular pellets, and a second process line for a production process for the production of a second recycling product, in particular flakes, so as to render the recycling process more flexible.

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

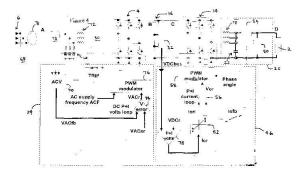
(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: CIRCUITS FOR DC ENERGY STORES

(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  Filing Date  (NA  (SA) Divisional to Application Number  Filing Date  (SA) Divisional to Application Number  (SA) Divisional to Application Number  Filing Date  (SA)	, · ·
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#### (57) Abstract:

A dc energy store (2) that includes auxiliary systems (68) can be operated in one or more different modes, including a self-supporting mode, an island mode and a normal mode. In the self-supporting mode a first controller (24) uses a voltage demand signal (VACr) indicative of desired ac voltage at the ac terminals of an AC/DC power converter (4) to control semiconductor power switching devices of the AC/DC power converter (4) to achieve the desired level of ac voltage that corresponds to the voltage demand signal (VACr). The voltage demand signal (VACr) is derived from a comparison of a voltage feedback signal (VACfb) and a second voltage demand signal (VACsr) that is preset to provide the desired ac voltage for the auxiliary systems (68) of the dc energy store. A second controller (46) uses a current demand signal (Ior) indicative of the desired dc link current to control the semiconductor power switching devices of a DC/DC power converter (14) to achieve the desired level of dc link current that corresponds to the current demand signal (Ior). The current demand signal (Ior) is derived from a comparison of a dc link voltage demand signal (VDCr) indicative of a desired dc link voltage and a dc link voltage feedback signal (VDCbus).



No. of Pages: 53 No. of Claims: 20

(21) Application No.611/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: DAY-RETROGRADE-CLOCK

(51) International classification	·D22D	(71)Name of Applicant:
· ·		
(31) Priority Document No	:NA	1)SCT LIMITED
(32) Priority Date	:NA	Address of Applicant :C-15, INDUSTRIAL AREA, SITE NO
(33) Name of priority country	:NA	3, MEERUT ROAD, GHAZIABAD, PIN 201003 (U.P.) Uttar
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)IFTAKHAR NADIME KHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Most of the present day mechanical watches and clocks display the day of the week through a window in the dial, where the markings corresponding to each day of the week are marked on a rotating wheel that brings each day marking one by one to be seen through the window. The current innovation has all days of the week are together marked on the dial and a retrograde hand moves over the day markings as per the day of the week and after going over Sunday returns to Monday position, through the use of an innovative mechanism. Particularly for the clocks; as they are hung at a minimum height of 7 feet, this kind of display provides better readability to the viewers, as against existing single window displays. Also the name of days and its indicator hand are big enough to be seen from the far distance.

No. of Pages: 9 No. of Claims: 3

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MULTILAYERED MATERIAL AND METHOD OF PRODUCING THE SAME

Filing Date  (62) Divisional to Application Number  Filing Date  :NA  Filing Date  :NA	(62) Divisional to Application Number	:12/07/2010 :WO 2011/007543 :NA :NA :NA	(71)Name of Applicant:  1)MITSUI CHEMICALS INC.  Address of Applicant:5-2, HIGASHI-SHIMBASHI 1- CHOME, MINATO-KU, TOKYO 105-7117, JAPAN Japan (72)Name of Inventor:  1)TOSHIKO TAKAKI 2)HARUHIKO FUKUMOTO
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#### (57) Abstract:

A multilayered material is provided which includes a substrate and a silicon-containing film formed on the substrate, wherein the silicon-containing film has a nitrogen-rich area including silicon atoms and nitrogen atoms, or silicon atoms, nitrogen atoms, and an oxygen atoms and the nitrogen-rich area is formed by irradiating a polysilazane film formed on the substrate with an energy beam in an atmosphere not substantially including oxygen or water vapor and denaturing at least a part of the polysilazane film. A method of producing the multilayered material is also provided.

No. of Pages: 96 No. of Claims: 41

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: COMPONENT FOR STARTING OF MOTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:201120077553.9 :21/03/2011 :China :NA :NA :NA :NA	(71)Name of Applicant:  1)MURATA MANUFACTURING CO.,LTD.  Address of Applicant:10-1, HIGASHIKOTARI 1-CHOME, NAGAOKAKYO-SHI, KYOTO-FU 617-8555, JAPAN Japan (72)Name of Inventor: 1)FUJII, YUKI 2)MOCHIDA, NORIHIRO
(62) Divisional to Application Number Filing Date	:NA :NA	
rining Date	:INA	

### (57) Abstract:

The present invention provides a component for starting of a motor, comprising a PTC thermistor for starting of the motor and a bidirectional thyristor connected in series with a secondary coil; a control PTC thermistor, which controls gate triggering current of the bidirectional thyristor; a spring terminal, for holding the PTC thermistor for starting of the motor and the control PTC thermistor; a housing, for accommodating the PTC thermistor for starting of the motor, the bidirectional thyristor, the control PTC thermistor and the spring terminal, the control PTC thermistor has a cubic shape. Thereby, it is not only easy to fix the control PTC thermistor within the housing structure, but also capable of preventing the control PTC thermistor from rotating, so as to achieve steady running. Fig. 3

No. of Pages: 27 No. of Claims: 8

(21) Application No.718/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: SWITCH DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:Japan :NA :NA :NA :NA	(71)Name of Applicant:  1)OMRON AUTOMOTIVE ELECTRONICS CO., LTD. Address of Applicant:6368, NENJOZAKA OKUSA, KOMAKI AICHI 485-0802 JAPAN Japan (72)Name of Inventor: 1)NOSE, TAKASHI 2)YOSHIKAWA, HIDETOSHI 3)NISHIOKA, TAKUYA 4)NAKANO, SHIHO
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

There is provided a switch device that enables two-stage operation preferable for a power window switch for vehicle, in which the number of components, assembling manhours, space and the like are reduced, as compared with a conventional switch device by employing a new structure. The switch device includes an operation knob, a supporting shaft that swingably supports the operation knob, a board substantially parallel to the supporting shaft, a first push button switch located on one side of a surface that includes the supporting shaft and is perpendicular to the board, and operated by swing of the operation knob, a second push button switch located on another side of the perpendicular surface, and operated by the swing of the operation knob, and a third push button switch intersecting the perpendicular surface, and operated by the swing of the operation knob, wherein a first point of effort of a force acting on the first push button switch is located on the one side, spaced from the perpendicular surface, and a third point of effort of a force acting on the second push button switch is located on the other side, spaced from the perpendicular surface, and a third point of effort of a force acting on the third push button switch is located in the vicinity of the perpendicular surface.

No. of Pages: 31 No. of Claims: 5

(21) Application No.608/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: TURBOCHARGER ASSEMBLY

(51) International classification (31) Priority Document No	:H01J :1103703.3	(71)Name of Applicant : 1)CUMMINS LTD
(32) Priority Date	:04/03/2011	Address of Applicant :ST. ANDREWS ROAD,
(33) Name of priority country	:U.K.	HUDDERSFIELD HDI 6RA (GB) U.K.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CARTER, JEFFREY
(87) 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:

According to an aspect of the present invention, there is provided a turbocharger assembly, comprising: a turbocharger; one or more actuators for controlling a flow of fluid in, around, or associated with the operation of the turbocharger; control electronics for use in controlling actuation of the one or more actuators; and boost electronics configured to receive an input voltage, and to provide a boosted output voltage to the control electronics.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: RAPID DETECTION OF MDR-TB BY REVERSE LINE BLOT ASSAY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)  Address of Applicant: ANSARI NAGAR, NEW DELHI-110 029, INDIA Delhi India (72)Name of Inventor:  1)SINGH URVASHI B. 2)VEERAPU NAGA SURESH
<ul><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li></ul>	:NA :NA :NA	2)VEERAPU NAGA SURESH
Filing Date	:NA	

#### (57) Abstract:

A probe for detecting multi drug resistant mycobacterium tuberculosis is provided wherein said probe is selected from a group comprising nucleotide sequences of SEQ ID NO: 1 to SEQ ID NO: 16 and the completely complementary sequences thereof. A diagnostic kit for the detection of multi drug resistant tuberculosis comprising the oligonucleotide chip comprising atleast a mycobacterial drug-resistance detection probe(s), said probe(s) further comprising one or more modified codons of mycobaterial gene, a contrast group probe(s) comprising wild type sequences corresponding to each said drug-resistance detection probe(s) wherein said probe(s) comprises nucleotide sequences selected from a group comprising sequence ID no. I to sequence ID no. 16, a diagnostic marker for detecting the hybridization of said oligonucleotide chip and a specimen is provided. Further a method for the identification of Mjcobacterium species is also provided.

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

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: INTEGRATED SYSTEM AND PROCESS FOR BIOPRODUCT PRODUCTION

(51) I. (	DC2C	(71)NI
(51) International classification	:B63C	(71)Name of Applicant:
(31) Priority Document No	:61/221,007	1)COBALT TECHNOLOGIES INC.
(32) Priority Date	:26/06/2009	Address of Applicant :500 Clyde Avenue Suite 500 Mountain
(33) Name of priority country	:U.S.A.	View CA 94043 United States of America U.S.A.
(86) International Application No	:PCT/US2010/039873	(72)Name of Inventor:
Filing Date	:24/06/2010	1)David C. WALTHER
(87) International Publication No	: NA	2)Hendrik J. MEERMAN
(61) Patent of Addition to Application	:NA	3)Stacy M. BURNS-GUYDISH
Number		4)Richard W. WILSON
Filing Date	:NA	5)Eamon T. HOGG
(62) Divisional to Application Number	:NA	6)Gregory W. LULI
Filing Date	:NA	7)Robert ECKERT

### (57) Abstract:

Processes and systems for production of bioproducts such as biofuels are provided. The bioproduct production processes and systems utilize pretreatment of a carbohydrate-containing feedstock to produce soluble sugar molecules and continuous conversion of the pretreated feedstock to a bioproduct by an immobilized fermenting microorganism.

No. of Pages: 96 No. of Claims: 86

(21) Application No.716/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : SYSTEM FOR SUPPLYING PROPULSION ENERGY FROM AN AUXILARY DRIVE AND METHOD OF MAKING SAME

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication No Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) NA	
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#### (57) Abstract:

A propulsion system is provided that includes an energy system (102), an auxiliary system (104), and a system controller (106). The energy system (102) includes a bi¬directional boost converter (112) coupled to a direct current (DC) link and comprising a plurality of input channels (a,b). The energy system (102) also includes a first energy storage device (108,110) coupled to a first input channel (a,b) of the bi-directional boost converter (112) via a DC bus. The auxiliary system (104) is coupled to the energy system (102) and includes an auxiliary energy source (110, 126, 164), an auxiliary load (130, 134, 158), and an auxiliary load controller (132, 136, 160) coupled to the auxiliary energy source (110, 126, 164) and to the auxiliary load (130, 134, 158). The system controller (106) is configured to cause the auxiliary load controller (132, 136, 160) to reduce a power draw of the auxiliary load (130, 134, 158) from the auxiliary energy source (110, 126, 164) and to cause the bi-directional boost converter (112) to boost a voltage supplied by the auxiliary energy source (110, 126, 164) and to supply the boosted voltage to the DC link (114).

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

(21) Application No.733/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : MODULAR DUCT SYSTEM FOR A WIND TURBINE SYSTEM AND AN ENERGY EFFICIENT WIND TURBINE SYSTEM AND METHOD

(51) International classification	:A61F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GAMESA INNOVATION & TECHNOLOGY, S.L.
(32) Priority Date	:NA	Address of Applicant :AVENIDA CIUDAD DE LA
(33) Name of priority country	:NA	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA),
(86) International Application No	:NA	SPAIN Spain
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)THANGAMANI, ARUNVEL
(61) Patent of Addition to Application Number	:NA	2)SUBRAMANIAN MURUGAIYAN, PARTHIPAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A modular duct system for a wind turbine system, and an energy efficient wind turbine system and method therefor, which utilize a multi-chambered duct system to transfer heat generated by the electrical busway in an inner chamber into a thermally connected outer chamber which holds purified air received from an air treatment facility on a lower portion of the wind turbine. The heated air becomes buoyant and naturally travels upwardly through the outer chamber of the duct system to the nacelle of the wind turbine system without the need for blowers or a thermal conditioning unit. The heating of the air compensates for heat which is naturally lost as the air travels to the nacelle. The modular duct systems serves as an energy recovery system which utilizes heat byproduct to heat the treated air and improve the efficiency of the wind turbine system.

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

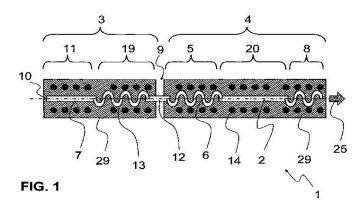
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: APPARATUS FOR EVAPORATING A UREA-WATER SOLUTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C01C 1/08 :10 2009 025 135.9 :17/06/2009 :Germany :PCT/EP2010/057222 :26/05/2010 :WO 2010/145924 :NA :NA	(71)Name of Applicant:  1)EMITEC GESELLSCHAFT FUR  EMISSIONSTECHNOLOGIE MBH  Address of Applicant: HAUPTSTRASSE 128, 53797  LOHMAR (DE) Germany  (72)Name of Inventor:  1)VORSMANN, CHRISTIAN  2)HODGSON, JAN  3)SCHEPERS, SVEN
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A device (1) for evaporating a urea-water solution, having a delivery duct (2) for the urea-water solution, said delivery duct extending through at least a first zone (3) and a second zone (4) for the introduction of heat energy, wherein the zones can be heated separately from one another, and, in the second zone (4), the delivery duct (2) initially has a meandering profile (7) in a second inlet region (6), and thereafter has a rectilinear profile (8). Also proposed is a method in which the urea-water solution is pre-heated in the first zone (3) to a temperature in the range from 100°C to 150°C, and is evaporated in the second zone (4) at a temperature in the range from 420°C to 490°C. In particular, the tendency for such an exhaust-gas-external evaporator for a urea-water solution to become blocked is significantly reduced in this way. Fig. 1



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

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : COORDINATE MEASURING MACHINE (CMM) AND METHOD OF COMPENSATING ERRORS IN A CMM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G01B 21/04 :09164602.6 :03/07/2009 :EPO :PCT/EP2010/059495 :02/07/2010 :WO 2011/000954 :NA :NA	(71)Name of Applicant:  1)LEICA GEOSYSTEMS AG Address of Applicant: HEINRICH-WILD-STRASSE, CH- 9435 HEERBRUGG (CH) Switzerland (72)Name of Inventor: 1)PETTERSSON, BO 2)SIERCKS, KNUT
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to a coordinate measuring machine (1) for determination of at least one spatial coordinate of a measurement point (13) on an object (12) to be measured. The coordinate measuring machine (1) comprises a stationary base (3), a probe head (6) for approaching the measurement point (13) and a frame structure (15) for linking the probe head (6) to the base (3). Thereby, the frame structure (15) comprises at least a first and a second frame component (14,22,24) and at least one linear drive mechanism (2) moveably linking the first and the second frame components (14,22,24), for provision of movability of the probe head (6) relative to the base (3) in a first direction (X,Y,Z). According to the invention, at least a first mechanical reference element (72) extending along a first part of the frame structure (15) is fastened fixedly to the frame structure (15) in a substantially unloaded way, and at least one displacement sensor (9,9a,9b) is assigned to the first reference element (72), wherein the first reference element (72) and the displacement sensor (9,9a,9b) are designed and arranged in such a way, that a distance from the first reference element (72) to the frame structure (15) in the region of the first part is measurable, the distance indicating a displacement and/or deformation of the frame structure (15) in the region of the first part. Fig. 6

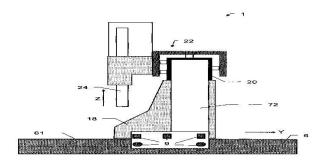


Fig. 6

No. of Pages: 57 No. of Claims: 8

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SYSTEM FOR REMOVING MOISTURE FROM AN AIRSTREAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:13/053,669 :22/03/2011 :U.S.A. :NA :NA :NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

Embodiments of the present invention operate as a mist eliminator (115). Here, at least one magnet (205) is attached to a structure having metallic surfaces that engage an airstream entering an inlet system (100) of a turbomachine. This structure is connected to the inlet system (100) and operates as the mist eliminator (115). Depending on the velocity of the entering airstream, and the orientation of the magnets (200), the mist eliminator (115) may repel the mist particles, which will separate from the airstream. Alternatively, the mist particles may be attracted to the mist eliminator (115). Here, the mist particles may separate from the airstream and then condense.

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

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : METHOD FOR PREDICTIVE MAINTENANCE OF POWER SEMICONDUCTOR DEVICE AND SYSTEM THEREFOR

(51) International classification	:G11C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GAMESA INNOVATION & TECHNOLOGY, S.L.
(32) Priority Date	:NA	Address of Applicant :AVENIDA CIUDAD DE LA
(33) Name of priority country	:NA	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA),
(86) International Application No	:NA	SPAIN Spain
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)JAMPANA, BAPIRAJU
(61) Patent of Addition to Application Number	:NA	2)THANGAMANI, ARUNVEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention is directed to a method and a system to provide service life of the power semiconductor devices in the wind turbine. The system includes a plurality of sensors and a controller. The plurality of sensors senses the electrical and thermal parameters indicating the occurrence of a first kind of event. Further, a first set of data and a second set of data are provided to the controller. The data sensed by the plurality of sensors, along with a first set of data and the second set of data is fed to the controller. The controller calculates the service life of the power semiconductor device whenever there is the occurrence of the first kind of event.

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

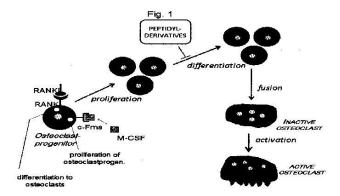
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : NOVEL PEPTIDE DERIVATIVES FOR TREATMENT, PREVENTION OR ALLEVIATION OF A CONDITION ASSOCIATED WITH BONE LOSS OR LOW BONE DENSITY OR TO INHIBIT OSTEOCLAST DIFFERENTIATION AND STIMULATION

(51) International classification	:C07K 5/068	(71)Name of Applicant :
(31) Priority Document No	:0900834-3	1)NEOBIOTICS AB
(32) Priority Date	:18/06/2009	Address of Applicant :P.O. BOX 156, S-221 00 LUND (SE)
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2010/050682	(72)Name of Inventor:
Filing Date	:17/06/2010	1)GRUBB, ANDERS
(87) International Publication No	:WO 2010/147547	2)KASPRZYKOWSKI, FRANCISZEK
(61) Patent of Addition to Application	.NI A	3)LERNER, ULF
Number	:NA	4)ZOLNOWSKA, BEATA
Filing Date	:NA	5)KASPRZYKOWSKA, REGINA
•		5)KASI KUWSKA, KEGINA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The invention relates to novel compounds which maybe for treatment, prevention or alleviation of a condition associated with bone loss or low bone density or to inhibit osteoclast differentiation and stimulation, bone resorption, or loosening of a prosthetic device.



No. of Pages: 61 No. of Claims: 11

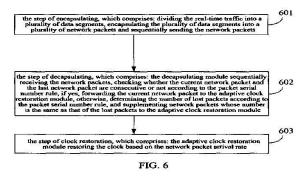
(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: METHOD AND DEVICE FOR ADAPTIVE CLOCK RESTORATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H04L 7/00 :200910162589.4 :03/08/2009 :China :PCT/CN2010//073459 :02/06/2010 :WO 2011/015078 :NA :NA	(71)Name of Applicant:  1)ZTE CORPORATION  Address of Applicant: ZTE PLAZA, KEJI ROAD SOUTH, HI-TEACH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA China (72)Name of Inventor: 1)YIN, JINGPENG
Number		2) 22 () 02 (02 22 (0
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method for adaptive clock restoration is provided. The method includes: a step of encapsulating, which includes that an encapsulating module at the network entrance divides a real-time traffic into a plurality of data segments and encapsulates the plurality of data segments into a plurality of network packets and sequentially transmits the network packets to the network; a step of decapsulating, which includes that a decapsulating module at the network exit sequentially receives the network packets transmitted from the network, checks whether the network packets are consecutive or not, and if not, determines the number of lost packets and supplements network packets whose number is the same as that of the lost packets to an adaptive clock restoration module; as well as a step of clock restoration, which includes that the adaptive clock restoration module restores the clock according to the arrival rate of the network packet. A device for adaptive clock restoration is also provided in the present invention. The method and device in the present invention will not be affected by the lost packets in the network when restoring adaptive clock according to the network packet arrival rate, thus improving the accuracy of clock restoration.



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

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: PROCESS FOR PRODUCING OXYEN-CONSUMING ELECTRODES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C :102011005454.5 :11/03/2011 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY, Germany (72)Name of Inventor: 1)ANDREAS BULAN 2)WALTER KLESPER
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#### (57) Abstract:

The present invention relates to a process for producing an oxygen-consuming electrode that includes the steps of (a) producing a powder mixture consisting of at least one polymer as binder and a catalytically active component, (b) applying the powder mixture to an electrically conductive sheet-like support element, and (c) compacting and consolidating the powder mixture on the support element using rollers, wherein the rollers used in the compaction step c) comprises a surface coating of tungsten carbide and wherein the roller surface has a roughness of not more than  $0.5 \mu m$ .

No. of Pages: 17 No. of Claims: 20

(21) Application No.640/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: IMPROVED ANTI-SERUM ALBUMIN BINDING SINGLE VARIABLE DOMAINS

(51) International classification	:C07K 16/18	(71)Name of Applicant:
(31) Priority Document No	:61/226,028	1)GLAXO GROUP LIMITED
(32) Priority Date	:16/07/2009	Address of Applicant :GLAXO WELLCOME HOUSE,
(33) Name of priority country	:U.S.A.	BERKELEY AVENUE, GREENFORD MIDDLESEX, UB6
(86) International Application No	:PCT/EP2010/060112	0NN, ENGLAND U.K.
Filing Date	:14/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/006915	1)EDWARD COULSTOCK
(61) Patent of Addition to Application	:NA	2)ELENA DE ANGELIS
Number	:NA	3)HAIQUN LIU
Filing Date	.IVA	4)OLIVER SCHON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention relates to improved anti-serum albumin immunoglobulin single variable domains, as well as ligands and drug conjugates comprising such variable domains, compositions, nucleic acids, vectors and hosts.

No. of Pages: 126 No. of Claims: 21

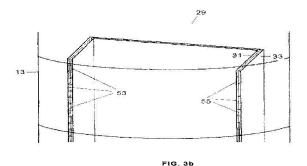
(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: AN OF-SHORE WIND TURBINE WITH A THERMAL CONDITIONING SYSTEM

(51) Intermetional algorification	. 1.6211	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)GAMESA INNOVATION & TECHNOLOGY, S.L.
(32) Priority Date	:NA	Address of Applicant :AVENIDA CIUDAD DE LA
(33) Name of priority country	:NA	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA),
(86) International Application No	:NA	SPAIN Spain
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)THANGAMANI, ARUNVEL
(61) Patent of Addition to Application Number	:NA	2)SUBRAMANIAN MURUGAIYAN, PARTHIPAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A thermal conditioning system for an off-shore wind turbine is provided. The thermal conditioning system comprises an insulating structure that reduces the thermal losses by convection of a treated air circulating through a duct inside the tower, from the base-level to the nacelle structure, for thermal conditioning purposes. The treated air is supplied by an air-treatment system located at the base level of the off-shore wind turbine. The insulating structure comprises insulating material of a greater thermal conductivity than the air and a plurality of voids arranged between insulating material so that air flow between said voids is prevented.



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

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: CRANKSHAFT AND ENGINE PROVIDED WITH SAME

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)SUZUKI MOTOR CORPORATION
(31) Thority Document No	047430	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:04/03/2011	KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611, JAPAN.
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MORI KOJI
(87) 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 crankshaft of an engine includes a shaft oil passage formed inside the crankshaft for flowing a lubricating oil therein, a pin oil passage formed inside a crank pin which is fitted to the crankshaft and into which the lubricating oil flows from the shaft oil passage, and an outflow oil passage communicated with the pin oil passage to flow the lubricating oil outside the crank pin from the pin oil passage. The crankshaft is also provided with a foreign substance, such as contaminant, collection portion that includes a collection chamber formed inside the crank pin, and the collection chamber is connected to the pin oil passage and provided at least on an outer side in a diameter direction of the crankshaft relative to the pin oil passage.

No. of Pages: 42 No. of Claims: 9

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : A NOVEL SLURRY SEAL MIX FOR ROAD CONSTRUCTION AND A PROCESS FOR THE PREPARATION THEREOF

		(71)Name of Applicant :
(51) International classification	:E04F	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(31) Priority Document No	:NA	RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI - 110 001, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHELLAN ROSE
(87) International Publication No	:NA	2)CHIDAMBARAM KAMARAJ
(61) Patent of Addition to Application Number	:NA	3)SELLAMUTHU NAGAPPAN JAISANKAR
Filing Date	:NA	4)UTHIRAPPAN MANI
(62) Divisional to Application Number	:NA	5)THOTAPALLI PARVATHALESWARA SASTRY
Filing Date	:NA	6)GANGOPADHYAY SUBHAMAY
		7)MANDAL ASIT BARAN

# (57) Abstract:

The present invention provides a novel slurry seal mix for road construction which has been prepared using collagenous materials obtained from leather industry, thereby replacing partially or even fully such dry aggregate as sand, used in conventional Slurry Seal mix. The salient feature of the new Slurry Seal mix is that it provides better reinforcement. The process suggests an effective method for economical utilization of leather waste, which would otherwise cause environmental problem in respect of solid waste disposal.

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

(21) Application No.641/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ELECTRIC COLOURING SYSTEM

(51) International classification	:G06C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Jahangir Ahmad
(32) Priority Date	:NA	Address of Applicant :R/o Jablipora (Parray Colony)
(33) Name of priority country	:NA	Bjbihara Distt. Anantnag Jammu & Kashmir 192124 India.
(86) International Application No	:NA	Jammu & Kashmir India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Jahangir Ahmad
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An electric apparatus for painting /colouring comprising: a brush having a hollow tube, a distributer and a switch; an electric pump for pumping fluid into said brush; a connecting unit having a pipe and electric wire for connecting said brush to said electric pump; said switch embodied on the brush facilitates a user to control the flow of fluid in said distributer coming from the pipe through the hollow tube and allows uniform spreading of fluid into bristles of said brush.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : SUPERCONDUCTING ARTICLE WITH PREFABRICATED NANOSTRUCTURE FOR IMPROVED FLUX PINNING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01L 39/02 :61/229,225 :28/07/2009 :U.S.A. :PCT/US2010/043411 :27/07/2010 :WO 2011/017112 :NA :NA :NA	(71)Name of Applicant:  1)UNIVERSITY HOUSTON SYSTEM Address of Applicant: 221 FLEMING BUILDING, HOUSTON, TEXAS 77204-5055, USA U.S.A. (72)Name of Inventor: 1)VENKAT SELVAMANICKAM 2)GORAN MAJKIC 3)MAXIM MARCHEVSKY
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#### (57) Abstract:

A superconducting article comprises a substrate, a buffer layer overlying the substrate, and a high-temperature superconducting (HTS) layer overlying the buffer layer. The HTS layer includes a plurality of nanorods. A method of forming a superconducting article comprises providing a substrate, depositing a buffer layer overlying the substrate; forming a nanodot array overlying the buffer layer; depositing an array of nanorods nucleated on the nanodot array; and depositing a high-temperature superconducting (HTS) layer around the array of nanorods and overlying the buffer layer.

No. of Pages: 36 No. of Claims: 133

(21) Application No.719/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : VERSATILE TRANSPORTATION SYSTEM FOR TRANSPORTATION OF TWO, THREE AND FOUR WHEELED VEHICLES IN A CARRIAGE WAGON

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B23B :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MERCURIO PALLIA AUTOWORKS PVT. LTD. Address of Applicant: PLOT NO. 60, 2ND FLOOR, SECTOR - 18, HUDA INDUSTRIAL AREA, GURGAON-122015, HARYANA Haryana India (72)Name of Inventor: 1)ANAND KHATTAR 2)NAGARAJ UBALE
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present invention pertains to a transportation system and more particularly a versatile transportation system for transporting two wheelers, three wheelers and four wheelers in a single transportation wagon.

No. of Pages: 30 No. of Claims: 22

(21) Application No.737/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MAINTENANCE PLATFORM

(51) International classification	:A63H	(71)Name of Applicant:
(31) Priority Document No	:P201100346	,
(32) Priority Date	:25/03/2011	Address of Applicant :AVENIDA CIUDAD DE LA
(33) Name of priority country	:Spain	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA),
(86) International Application No	:NA	SPAIN. Spain
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)GOMEZ SANTAMARIA, DAVID
(61) Patent of Addition to Application Number	:NA	2)GAMINDE LARRETA, BEINAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Maintenance platform with detachable elements to facilitate its placement at any point of the ladder inside a wind turbine tower. The platform comprises a horizontal surface (1) with side skirting (4) to prevent the fall of objects, tensionable elements (5) that support it, anchors (2), secured by pins (3) to any rung on the ladder and a railing (9) anchored to the platform and reinforced by intermediate bars (14) and a plate (15). The work surface on the platform suffices for a worker and the corresponding maintenance tools.

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

(21) Application No.531/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : THE USE OF DIMERIZATION DOMAIN COMPONENT STACKS TO MODULATE PLANT ARCHITECTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12N 15/82 :61/228,195 :24/07/2009 :U.S.A. :PCT/US2010/042231 :16/07/2010 :WO 2010/011273 :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. U.S.A. (72)Name of Inventor: 1)LAWIT SHAI J. 2)TOMES DWIGHT T.
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#### (57) Abstract:

This invention provides means for altering the harvest index of crop plants by modulating the expression of transgenic genes using dimerization domain and component stacks, thereby modulating plant architecture. The transgene/dimerization domain stacks are provided in a single transformation vector unit and are used to modulate plant growth, yield, and harvest index in plants.

No. of Pages: 119 No. of Claims: 34

(21) Application No.575/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 21/08/2015

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

(51) International classification	:G06K	(71)Name of Applicant:
(31) Priority Document No	:61/450,458	1)SONY CORPORATION
(32) Priority Date	:08/03/2011	Address of Applicant: 1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:U.S.A.	TOKYO 108-0075, JAPAN. Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)YASUO TAKEUCHI
(87) 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:

There is provided an information processing device including a selection unit con figured to, on the basis of first identification information included in a processing instruction and corresponding to a service, and first association information in which the first identification information is associated with second identification information for identifying an application, select an application to perform the service corresponding to the processing instruction, and an execution unit configured to cause the selected application to perform a process in accordance with the processing instruction.

No. of Pages: 53 No. of Claims: 10

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention: QUALIFICATION SYSTEM AND METHOD FOR CHILLED WATER PLANT OPERATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F 17/00 :12,507,806 :23/07/2009 :U.S.A. :PCT/US2010/001416 :13/05/2010 :WO 2011/011032 :NA :NA	(71)Name of Applicant:  1)SIEMENS INDUSTRY, INC. Address of Applicant: 3333 OLD MILTON PARKWAY, ALPHARETTA, GEORGIA 30005, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ROBERT HIGGINS
Filing Date	:NA	

#### (57) Abstract:

A qualification system for determining the effects of one or more upgrades or modifications to a chilled water plant is disclosed herein. The qualification system my collect various data from operating logs of a chilled water plant. The data may be collected in stages, where at least one first stage may be used to collect data used to identify representative log data. The representative log data may then be used to perform an accurate analysis to determine the effects of one or more upgrades or modifications. In this manner, the qualification system provides accurate analysis while reducing data entry. In addition, the qualification system may accept varying amounts of data such as to reduce percentage error or the like in its analysis.

No. of Pages: 82 No. of Claims: 20

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

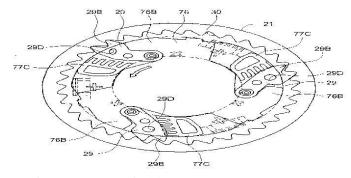
# (54) Title of the invention: SEATBELT RETRACTOR

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B60R 22/46 :2009-227642 :30/09/2009	(71)Name of Applicant:  1)ASHIMORI INDUSTRY CO., LTD  Address of Applicant: 10-18, KITAHORIE 3-CHOME,
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:Japan :PCT/IP2010/067292	NISHI-KU, OSAKA-SHI, OSAKA 550-0014 JAPAN Japan (72)Name of Inventor:
Filing Date (87) International Publication No	:24/09/2010 :WO 2011/040615	1)MASATAKA TANAKA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

In case one of three clutch pawls 29 protrudes outwardly from the side surface of a pawl base 76 and engages with a clutch gear 30 and the remaining two clutch pawls 29 are not yet engaged with the clutch gear 30, the peripheral portion of a deforming through hole 29D of the clutch pawl 29 engaging with the clutch gear 30 is plastically deformed and the clutch pawl 29 is deformed in a substantially L-shape while engaging with the clutch gear 30. Then, the pawl base 76 can be rotated further and the remaining two clutch pawls 29 further protrude outwardly from the side surface of the pawl base 76 and engage with the clutch gear 30.

### FIG. 30



No. of Pages: 90 No. of Claims: 6

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : PROCESS FOR THE SELECTIVE PREPARATION OF ACETALDEHYDE FROM ACROLEIN AND ONE OR MORE AMMONIUM SALTS DISSOLVED IN WATER

(51) International classification	:C07C 47/06	(71)Name of Applicant:
(31) Priority Document No	:09009822.9	1)LONZA LTD
(32) Priority Date	:29/07/2009	Address of Applicant :LONZASTRASSE 3930 VISP (CH)
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2010/004463	(72)Name of Inventor:
Filing Date	:21/07/2010	1)ARAS, GOKHAM
(87) International Publication No	:WO 2011/012253	2)HANSELMANN, PAUL
(61) Patent of Addition to Application	:NA	3)HEYL, ANDREAS
Number		4)OTT, LOTHAR
Filing Date	:NA	5)VOGEL, HERBERT
(62) Divisional to Application Number	:NA	6)WENGER, WOLFGANG
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a process for the selective preparation of acetaldehyde, characterized in that acrolein and one or more ammonium salts dissolved in water are reacted continuously under high pressures and at temperatures of 300-400 °C

No. of Pages: 11 No. of Claims: 9

(21) Application No.761/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ELECTRONIC OPERATED SELF STAND

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LALIT KAUSHIK
(32) Priority Date	:NA	Address of Applicant :C/6, RATTAN PARK, NANGLOI,
(33) Name of priority country	:NA	DELHI-110041. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LALIT KAUSHIK
(87) 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 ELECTRONIC OPERATED SELF STAND is a new innovative technology. In this technology the side stand is Activate and Deactivate by automatic way and the microcontroller is used to move the side stand in upward and downward direction with the help of motor, sensors, reset switches etc and the other components which are used in this technology helps to makes the electronics operated self stand more easy and more effective and more accurate. When it is install in two wheeler vehicles than those accidents which occurs due to an open side stand is completely stop and it also increase the life of side stand.

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

(21) Application No.472/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A PROCESS FOR THE PRODUCTION OF HIGH SURFACE ARA NANO METAL OXIDES`

(51) International classification	:F03D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant :DEAN, RESEARCH &
(33) Name of priority country	:NA	DEVELOPMENT, ROOM NUMBER 151, FACULTY
(86) International Application No	:NA	BUILDING, POST OFFICE: IIT KANPUR, KANPUR-208016,
Filing Date	:NA	UP. INDIA Uttar Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GUPTA, ANKUR
Filing Date	:NA	2)PANDEY, SHASHANK S.
(62) Divisional to Application Number	:NA	3)BHATTACHARYA, SHANTANU
Filing Date	:NA	

#### (57) Abstract:

The present invention relates generally to a high surface area nanoparticles of oxide(s) of transition metals like zinc and the process of synthesis. More particularly, the invention relates to the synthesis of high aspect ratio vertically standing nanostructure of metal oxide(s) nanoparticles with different heights thereby having a rough brush bed like structure at extreme end(s). The nanoparticles have surprisingly high surface area due to which the biosensing characteristic have been tremendously increased.

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

(22) Date of filing of Application: 18/01/2012 (43) Publication Date: 21/08/2015

# (54) Title of the invention : SUBSTRATE, METHOD OF PRODUCING SUBSTRATE, SUPERCONDUCTING WIRE, AND METHOD OF PRODUCING SUPERCONDUCTING WIRE

(51) International classification :H04B 13/00 (71)Name of Applicant: (31) Priority Document No 1)SUMITOMO CO., LTD.` :2009-163514 (32) Priority Date Address of Applicant: 5-33, KITAHAMA 4-CHUO-KU, :10/07/2009 (33) Name of priority country OSAKA-SHI, OSAKA 541-0041 JAPAN Japan :Japan (86) International Application No :PCT/JP2010/061540 2)TOYO KOHAN CO., LTD. Filing Date (72) Name of Inventor: :07/07/2010 (87) International Publication No :WO 2010/004842 1)TAKASHI YAMAGUCHI (61) Patent of Addition to Application 2)MASAYA KONISHI :NA Number 3)HAJIME OTA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A substrate (1) of the present invention includes a copper layer (2), an alloy layer (3) containing copper and nickel, formed on the copper layer (2), a nickel layer (4) formed on the alloy layer (3), and an intermediate layer (5) formed on the nickel layer (4). The concentration of nickel in the alloy layer (3) at the interface between the alloy layer (3) and the nickel layer (4) is greater than the concentration of nickel in the alloy layer (3) at the interface between the alloy layer (3) and the copper layer (2). According to the present invention, there can be provided a substrate (1) that allows the AC loss of a superconducting wire (7) to be reduced, a method of producing a substrate (1), a superconducting wire (7), and a method of producing a superconducting wire (7).

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

(21) Application No.620/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MICROBIOCIDAL PYRAZOLE DERIVATIVES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:C07C :NA :NA :NA :NA	(71)Name of Applicant: 1)Syngenta Participations AG Address of Applicant: Schwarzwaldallee 215 CH-4058 Basel Switzerland. Switzerland (72)Name of Inventor:
(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 :NA :NA :NA	1)LAMBERTH Clemens 2)MOSSE-Sulzer Sarah 3)CEDERBAUM Fredrik 4)UMARYE Jayant 5)SONAWANE Ravindra

(57) Abstract:

Compounds of the formula I wherein the substituents are as defined in claim 1, are useful as a pesticides

No. of Pages: 63 No. of Claims: 12

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ALPHA FORM OF IMATINIB MESYLATE

(51) International classification	:B64D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)FRESENIUS KABI ONCOLOGY LTD.
(32) Priority Date	:NA	Address of Applicant :B- 310, SOM DATT CHAMBERS - I,
(33) Name of priority country	:NA	BHIKAJI CAMA PLACE, NEW DELHI 110 066, INDIA Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)SHARMA, ASWINI, KUMAR
(61) Patent of Addition to Application Number	:NA	2)GIRI, ABHISHEK
Filing Date	:NA	3)BISWAL, TAPANJYOTI
(62) Divisional to Application Number	:NA	4)SINGH, GOVIND
Filing Date	:NA	5)LAHIRI, SASWATA

#### (57) Abstract:

An improved process, which is simple, convenient, economical and industrially viable, for the preparation of stable, free flowing, non-hygroscopic crystalline alpha form of Imatinib mesylate, free from the beta form. The process comprises a) providing a clear solution of imatinib base in organic solvent; b) optionally, filtering the solution to remove any insoluble impurity; c) adding another organic solvent to the solution of step (b) and heating to obtain a clear solution; d) adding solution of methane sulfonic acid in second organic solvent slowly to the solution of step (c) on heating; e) cooling of the reaction mixture obtained in step (d) followed by seeding of the clear solution with pure alpha crystalline form of Imatinib mesylate on heating; f) slowly cooling of the reaction mixture; g) isolating the imatinib mesylate alpha form; wherein the organic solvent is selected from the group comprising of N, N-dimethyl sulphoxide, Isopropanol and mixtures thereof.

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

(21) Application No.762/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : SECONDARY BATTERY, ELECTRONIC DEVICE, ELECTRIC POWER TOOL, ELECTRICAL VEHICLE, AND ELECTRIC POWER STORAGE SYSTEM

		(71)Name of Applicant:
(51) International classification	:H03G	1)SONY CORPORATION
(31) Priority Document No	:2011063617	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:23/03/2011	TOKYO, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ATSUMICHI KAWASHIMA
Filing Date	:NA	2)HIROSHI IMOTO
(87) International Publication No	:NA	3)TOMOYUKI SHIRATSUCHI
(61) Patent of Addition to Application Number	:NA	4)TAKUMA SAKAMOTO
Filing Date	:NA	5)NAOTO UEDA
(62) Divisional to Application Number	:NA	6)ATSUSHI NISHIMOTO
Filing Date	:NA	7)TADAHIKO KUBOTO
-		8)MASAYUKI IHARA

# (57) Abstract:

A secondary battery capable of suppressing resistance rise even after repeated charge and discharge is provided. The secondary battery includes a cathode, an anode, and an electrolytic solution. The anode contains titanium-containing lithium composite as an anode active material, and the electrolytic solution contains cyclic disulfonic acid anhydride.

No. of Pages: 63 No. of Claims: 13

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD FOR THE REPLACEMENT OF A FILTER PLATE OF A CORE SHOOTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA	(71)Name of Applicant:  1)LUBER GMBH  Address of Applicant: BAHNHOFSTRASSE 26/28, CH-9602  BAZENHEID, SWITZERLAND Switzerland (72)Name of Inventor:  1)ASAL, JURGEN
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA	
Filing Date	:NA	

## (57) Abstract:

For saving of time and effort during replacement of soiled filter plate (8) locked onto a seal cover (9) of a core shooter, it is placed on a gas chamber (6) after releasing the lock and by its lateral outward motion from the core shooter is engaged with a receptacle (15) of a tilting plate holder (14). A subsequent retraction of the gas chamber (6) without filter plate into the core shooter (1) clears the path for tilting of the plate holder (14) and with it positioning of a second receptacle (17) carrying a cleaned filter plate (8) into the vacant position. A renewed to-and-fro motion of the gas chamber (6) serves the acceptance of the cleaned filter plate (8) and its retraction to the seal cover (9) of the core shooter (1), in order to lock the plate to the cover. The three plate receptacles (15, 16, and 17) of the plate holder (14) arranged at a mutual distance of 120° around a common axis (19) result in an especially favorable working position for the plate replacement.

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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: PUCCH RESOURCE ALLOCATION FOR SEMI-PERSISTENT SCHEDULING UES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G11B :NA :NA	(71)Name of Applicant:  1)NOKIA SIEMENS NETWORK OY  Address of Applicant: KARAPORTTI 3, F1 - 02610 ESPOO,
(33) Name of priority country	:NA	FINLAND, Finland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KALYANASUNDARAM, SURESH
(87) International Publication No	:NA	2)KAMBLE, VIHANG GANGARAM
(61) Patent of Addition to Application Number	:NA	3)ARULSELVAN, NAVEEN
Filing Date	:NA	4)NATARAJAN, BALAMURALI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method includes determining a set of semi-persistent scheduling acknowledge/negative acknowledge (SPS AN) resources; configuring as a first metric for each member of the set of SPS AN resources a count of a number of user equipments (UEs) for which the SPS AN resource has been configured but for which SPS is not activated; configuring as a second metric for each member of the set of SPS AN resources a count of a number of sub-frames in which the SPS AN resource has been activated for a UE; configuring as a third metric for each member of the set of SPS AN resources a count of a number of UEs for which the particular SPS AN resource is configured but some other SPS AN resource is allocated during SPS activation; forming a fourth metric for each member of the set of SPS AN resources as a combination of the first metric, the second metric and the third metric; selecting N SPS AN resources from the set SPS AN resources to potentially configure for a new SPS-configured UE based at least on the value of the fourth metric; and selecting one of the N SPS AN resources of the N SPS AN resources based at least on the value of the fourth metric when the UE is activated for SPS operation.

No. of Pages: 39 No. of Claims: 35

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: SINGLE DEVELOPMENT TEST ENVIRONMENT

(71)Name of Applicant:  1)UNISYS CORPORATION Address of Applicant: TOWNSHIP LINE AND UNION MEETING ROADS, BLUE BELL, PENNSYLVANIA 19424, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CHRISTINA WATTERS 2)PETER JOHNSON 3)ROBERT S. BAKER
3)ROBERT S. BAKER

## (57) Abstract:

System and method for forming a cloud appliance. The system includes a management server, an artifact repository, a continuous integration server, and build managers. The management server includes source code and a project script for forming the cloud appliance. The artifact repository stores artifacts required to build the cloud appliance and artifacts that comprise the built cloud appliance. The continuous integration server manages a build process, unit test process, and deployment process based on the project script. The build managers build the source code for customizing the virtual machine and store the built source code as the second artifacts in the artifact repository. The continuous integration server instantiates the virtual machine from template and customizes the virtual machine to form a customized virtual machine using the artifacts specified in the project script, a customization process for each of the artifacts based on a type of the artifact.

No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :20/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD AND SYSTEM FOR CLEANING OF AND HEAT RECOVERY FROM HOT GASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C10J 3/48 :PA 2009 00795 :26/06/2009 :Denmark :PCT/DK2010/050164 :25/06/2010 :WO 2010/149173 :NA :NA	(71)Name of Applicant:  1)DALL ENERGY HOLDING APS Address of Applicant:SJAELS~VEJ 53 DK-3460 BIRKER~D (DK) Denmark (72)Name of Inventor: 1)BENTZEN, JENS DALL
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Exhaust gas, produced in a thermal reactor (1) that is fed with solid fuel can be cooled and in a gas cooler (4) which produce a condensate that is further cooled in a condensate cooler (7) which produce energy. By using air moisturizing and particle separation technology the exhaust gas and the excess condensate can be clean and the energy efficiency of the plant can be increased. The method can be used for a broad spectrum of fuels and conversion technologies.

No. of Pages: 46 No. of Claims: 23

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: TORQUE LIMITING DISPOSABLE AGITATOR FOR A FOOD MIXER

(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 : N	3/065,905 01/04/2011 J.S.A.	(71)Name of Applicant:  1)VITA-MIX CORPORATION  Address of Applicant:8615 USHER ROAD, CLEVELAND, OHIO 44138, USA U.S.A. (72)Name of Inventor: 1)EUGENE J. KOZLOWSKI 2)RAYMOND SEUFFERT
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### (57) Abstract:

An agitator (10) includes a stem (11) having a shaft coupler (12) at one end adapted to be attached to the rotatable shaft (25) of a food mixing machine. The other end of the stem (11) has a mixing biade (13) which can be in the shape of the bowl of a spoon. The stem (11) is shaped like an I-beam having side walls (20) spaced by a central wall (21). The side walls (20) have opposed notches (22) leaving a web (23) therebetween, and the central wall (21) is provided with an aperture (24) which is aligned with the web (23). Together the web (23) and the aperture (24) define a weakened area where the stem (11) will break upon a predetermined torque which is established based on the hardness of the food product (26) being mixed.

No. of Pages: 13 No. of Claims: 20

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: ELEVATOR GROUP MANAGEMENT/CONTROL DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G11B :P2011- 070184 :28/03/2011 :Japan :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant:5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN Japan (72)Name of Inventor: 1)ASANO NORIMASA
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### (57) Abstract:

An elevator group management/control device comprises: a plurality of elevator cars (1) that ascend/descend within a shaft; an elevator call registration section (4) that registers an elevator call, respectively provided in these; a boarding station call registration section (5) that registers a boarding station call; a unit control section (2) that controls movement of the elevator car (1); and a group management/control section (3) that optimizes movement of the plurality of elevator cars (1). The group management/control section (3) comprises: a boarding station call information management section (7) that manages boarding station call registration information from the boarding station call registration sections (5); a clumped operating condition detection section (9) that detects a clumped operating condition, a boarding station call skipping control section (10) that, of the plurality of elevator cars (1) that are deemed to be in the clumped operating condition, performs allocation output inhibition control in respect of at least one elevator car of the elevator call - registered elevators (1); and an allocation control section (9) that selects an optimum elevator car (1), from elevators other than the allocation-inhibited elevators, and performs allocation control in respect of the optimum elevator car (1).

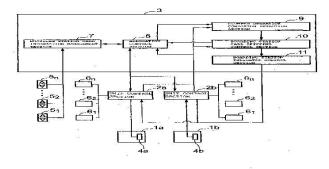


FIG.1

No. of Pages: 45 No. of Claims: 7

(21) Application No.773/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: META-DATA FOR SINGLE DEVELOPMENT TEST ENVIORONMENT

(51) T	G11G	(71)NJ 6A 19
(51) International classification	:C11C	(71)Name of Applicant:
(31) Priority Document No	:61/467,405	1)UNISYS CORPORATION
(32) Priority Date	:25/03/2011	Address of Applicant :TOWNSHIP LINE AND UNION
(33) Name of priority country	:U.S.A.	MEETING ROADS, BLUE BELL, PENNSYLVANIA 19424,
(86) International Application No	:NA	UNITED STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)CHRISTINA WATTERS
(61) Patent of Addition to Application Number	:NA	2)PETER JOHNSON
Filing Date	:NA	3)ROBERT S. BAKER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

System and method for generating meta-data for a product is disclosed. An artifact repository stores first artifacts for building the product. The artifact repository stores first meta-data for one or more of the artifacts in the repository. A build manager builds second artifacts for the product from source code and one or more of the first artifacts based on information in a project script. The build manager is adapted to combine the first meta-data for each of the one or more of the first artifacts used to build the second artifact to form second meta-data for each of the second artifacts.

No. of Pages: 47 No. of Claims: 20

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : PEAK DEMAND REDUCTION IN MINING HAUL TRUCKS UTILIZING AN ON-BOARD ENERGY STORAGE SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B60L 7/14 :12/604,580 :23/10/2009 :U.S.A. :PCT/US2010/048702 :14/09/2010 :WO 2011/049687 :NA :NA	(71)Name of Applicant:  1)SIEMENS INDUSTRY, INC. Address of Applicant: 3333 OLD MILTON PARKWAY, ALPHARETTA, GEORGIA 30005-4437, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JOY MAZUMDAR 2)WALTER G. KOELLNER
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A mining haul truck driven by electrical wheel motors is powered by a trolley power system during an uphill climb. Retard energy captured during braking action on either the uphill climb or downhill descent is stored by an on-board electrical energy storage system. Electrical power is supplied from the on-board electrical energy storage system to reduce the peak power demand on the trolley power system during the uphill climb. One implementation of the on-board electrical energy storage system uses an ultracapacitor system.

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR COOLING A SOLVENT FOR GAS TREATMENT

(51) International classification	:F02F	(71)Name of Applicant:
(31) Priority Document No	:13/046,513	1
(32) Priority Date	:11/03/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RUSS, FREDRIC SAMUEL
(87) International Publication No	:NA	2)FREY, GEORGE FREDERICK
(61) Patent of Addition to Application Number	:NA	3)MITCHELL, CHARLES MARTIN
Filing Date	:NA	4)PLUMMER, PAUL WILLIAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present embodiments are directed towards the cooling of a solvent (15, 86, 222, 314) of a gas treatment system (14) using a fluid flow (30, 32) from an air separation unit (12). In one embodiment, a system (10) is provided that includes an air separation unit (12). The air separation unit (12) has an air inlet (22) configured to receive an air flow (18), an oxygen outlet (30) configured to output an oxygen flow (152, 226, 352, 354), a nitrogen outlet (32) configured to output a nitrogen flow (150, 226, 318, 324) and a cooling system (24, 210, 280, 340) configured to cool the air flow (18) to enable separation of the air flow (18) into the oxygen flow (30) and the nitrogen flow (32), wherein the cooling system (24, 210, 280, 340) is configured to cool a first solvent (15, 86, 222, 314) of a first gas treatment system (14).

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

(21) Application No.743/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : HEATING APPARATUS, HEAT TREATMENT APPARATUS, HEATING METHOD AND JIG OF HEATING APPARATUS

(51) I	.DOOD	(71)N
(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)NETUREN CO., LTD.
(31) Thority Document 140	057310	Address of Applicant :2-17-1, HIGASHIGOTANDA,
(32) Priority Date	:15/03/2011	SHINAGAWA-KU, TOKYO 141 -8639 (JP) Japan
(33) Name of priority country	:Japan	2)NETUREN TAKUTO CO., LTD.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAKATSU, HITOSHI
(87) International Publication No	:NA	2)WATANABE, HISAAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A heating apparatus, a heat treatment apparatus, a heating method and a jig of the heating apparatus are provided. The heating apparatus includes a workpiece support on which a ring-shaped workpiece is placed, a rotary drive assembly, and a heater configured to heat the workpiece. The workpiece support includes a plurality of rotating rollers arranged in a circumferential direction. The rotary drive assembly is configured to rotate the plurality of rotating rollers to rotate the workpiece placed on the workpiece support along a ring shape of the workpiece. The heater includes a heating coil configured to induction-heat the workpiece on the workpiece support at a heating position, and an actuator configured to move the heating coil at the heating position relative to the workpiece to adjust a distance between the workpiece and the heating coil.

No. of Pages: 86 No. of Claims: 30

(21) Application No.760/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: AUTOMATIC USER FEEDBACK AGGREGATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G06T :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ALCATEL-LUCENT Address of Applicant:3 avenue Octave Grard 75007 Paris France (72)Name of Inventor: 1)MENON Sreedal
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)MAJUMDER Anirban 3)DATTA Samik
Filing Date	:NA	()2112112 ()
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present subject matter relates to a method for feedback capture and aggregation for websites. The method includes obtaining from at least one peripheral device a plurality of interest value parameters where each of the plurality of interest value parameters are based on interaction of an individual userTMs interaction with the websites. The method further includes processing the plurality of interest value parameters to generate an overall interest value where the overall interest value is indicative of an interest level of the individual user for content on the websites.

No. of Pages: 31 No. of Claims: 14

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : SLOSH REMOVAL AND ULTRASONIC SENSORS PROTECTION FROM GETTING WET FOR LEVEL MEASUREMENT.

:G09D	(71)Name of Applicant:
:NA	1)Sanjeev Kumar
:NA	Address of Applicant:1201 URBAN ESTATE PHASE-1
:NA	JALANDHAR PUNJAB-144001. Punjab India
:NA	(72)Name of Inventor:
:NA	1)Sanjeev Kumar
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

### (57) Abstract:

A Slosh removal and ultrasonic sensorTMs protection from getting wet for level measurement is disclosed which uses a tube (5) which could be mounted external or inside the main tank appropriately with an ultrasonic level sensor mounted on top; a float (3) placed inside the tube designed with plurality circular fins (2) to obstructs the slosh movement and plurality hollow sections (4) running inside to divide the surface area of the fluid into smaller areas thus causing the slosh to impede. The hollow sections (4) also counters the rapid vertical movement of the float with respect to the fluid thereby averaging out the sudden fluctuations. The float also comprise of a disc (10) appropriately placed on the top surface for providing a uniform reflecting area to the ultrasonic beam. The sensor is thereby able to make precise measurements of level even in high slosh environments.

No. of Pages: 14 No. of Claims: 12

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR SITUATIONAL AWARENESS AND TARGET CUEING

(51) International classification	:G06M	(71)Name of Applicant:
(31) Priority Document No	:61/450,749	1)BAE SYSTEMS INFORMATION & ELECTRONIC
(32) Priority Date	:09/03/2011	SYSTEMS INTEGRATION INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA,
(86) International Application No	:NA	NH 03061-0868, UNITED STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)HAYES, HILARY L.
(61) Patent of Addition to Application Number	:NA	2)KOLTOOKIAN, JOHN H.
Filing Date	:NA	3)ROBISON, DEREK T.
(62) Divisional to Application Number	:NA	4)RENCS, ERIK
Filing Date	:NA	5)CHAN, MICHAEL S

### (57) Abstract:

A system and method for situational awareness and target cueing for use in military applications is disclosed. In extreme low light situations where the LLL sensor cannot provide SA information, the system allocates thermal information to the green SA channel to maintain the supply of contextual information to the user and thus situational awareness (SA) never drops below the native resolution of the thermal sensor. This improved SA capability, surpasses any existing LLL sensor technology in a single channel (stand-alone) application in overcast star light and below conditions.

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

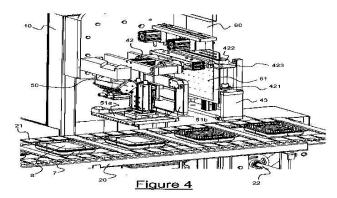
(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: VACUUM SKIN PACKAGING OF A PRODUCT ARRANGED ON A SUPPORT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B65B 31/02 :09166750.1 :29/07/2009 :EPO :PCT/EP2010/060967 :28/07/2010 :WO 2011/012652 :NA :NA	(71)Name of Applicant:  1)CRYOVAC, INC.  Address of Applicant:100 ROGERS BRIDGE RD.,  DUNCAN, SOUTH CAROLINA 29334, U.S.A. U.S.A.  (72)Name of Inventor:  1)PALUMBO RICCARDO  2)RIZZI JVANOHE
E	:NA :NA	

#### (57) Abstract:

It is disclosed a machine for vacuum skin packaging a product arranged on a support. The support has a sidewall with at least one hole. The machine comprises a first film transfer plate configured for holding a film sheet, heating the film sheet, bringing the film sheet to a position above the support with the product arranged thereon and air tightly fixing the film sheet to the support. The machine also comprises a vacuum arrangement for removing air from within the support underneath the film sheet through the at least one hole. The first film transfer plate is configured to release the film sheet thereby allowing the film sheet to be drawn into the support while the vacuum arrangement is removing air from within the support.



No. of Pages: 42 No. of Claims: 15

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ADJUSTABLE AERATING ELEMENT FOR CLOTHING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B23B :CN2011100548224 :08/03/2011 :China :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)JIN ZHI, WANG  Address of Applicant: NO. 11, ZHOUWAN VILLAGE, ZUNHUADIAN TOWN, YE COUNTY PINGDINGSHAN CITY HE NAN PROVINCE, CHINA. China (72)Name of Inventor:  1)JIN ZHI, WANG
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### (57) Abstract:

An exemplary adjustable aerating element for clothing has an adjustable belt; and a sandwich tunnel accommodating the adjustable belt therein, which is positioned at a fixing end of the clothing. The adjustable aerating element for clothing further includes at least two loops of string fixing at an inner peripherial of the fixing end, and a locking belt accommodating in the least two loops of string, which is used to fix the clothing to human body. The adjustable aerating element for clothing realizes an excellent ventilation property at the same time of keeping a stable fixing the clothing to the human body.

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

(21) Application No.766/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: LIGHT-SOURCE CIRCUIT UNIT, ILLUMINATION DEVICE, AND DISPLAY DEVICE

(51) International classification (31) Priority Document No	:H03G :2011064582	(71)Name of Applicant: 1)SONY CORPORATION
(32) Priority Date	:23/03/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KOICHI YAMAMOTO
(87) International Publication No	:NA	2)TAKEHITO HIROSE
(61) Patent of Addition to Application Number	:NA	3)SHIGERU TESHIGAHARA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

There are provided a light-source circuit unit, an illumination device, and a display device which are capable of extracting light emitted from the back surface of a light-emitting element chip to the front surface, suppressing a reduction in reflectance, and reducing cost, with a simple configuration. The light-source circuit unit includes a circuit substrate that has a light-reflective wiring pattern on a surface thereof and includes a chip mounting layer as a part of the wiring pattern, and one or more light-emitting element chips that are directly placed on the chip mounting layer, and are driven by a current flowing through the wiring pattern.

No. of Pages: 40 No. of Claims: 19

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: HART CHANNEL INTERFACE COMPONENT INCLUDING REDUNDANCY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:13/074781 :29/03/2011	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)ALLEY, DANIEL MILTON 2)HENDERSON, BRUCE CAMERON 3)SHEN, LONGHUI
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#### (57) Abstract:

A channel interface component (30) including redundancy within a control system with highway addressable remote transfer (HART) channels (100, 200) is provided. In one embodiment, a circuit includes: at least two highway addressable remote transfer (HART) channels (100,200), each HART channel (100,200) including an input terminal (105, 205) and an output terminal (110, 210) configured to connect with a HART device (25) via a current loop; an channel interface component (30) coupled to each HART channel (100,200) that is configured to support HART protocol signals for communications with the HART device (25), wherein the channel interface component (30) includes a suicide relay switch (35) for connecting or disconnecting each HART channel (100,200) from the HART device (25); and a programmable logic device (80) coupled to the channel interface component (30) that is configured to perform modulation and demodulation of HART protocol signals for communications with the HART device (25).

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

(22) Date of filing of Application :20/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : HIGH TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELLS WITH EXFOLIATED GRAPHITE BASED BIPOLAR PLATE

(51) International classification	:B01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country	:NA	(ARCI)
(86) International Application No	:NA	Address of Applicant :PLOT NO. 102, INSTITUTIONAL
Filing Date	:NA	AREA, SECTOR-44, GURGAON-122003, HARYANA Haryana
(87) International Publication No	: NA	India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAVERIPATNAM SAMBAN DHATHATHREYAN
(62) Divisional to Application Number	:NA	2)NATARAJAN RAJALAKSHMI
Filing Date	:NA	3)KRISHNAN RAMYA

#### (57) Abstract:

High temperature polymer electrolyte fuel cell (HTPEMFC) with exfoliated graphite based bipolar separator plates that is stable at high temperatures as reactant flow field plates can be used for power generation. It is adapted to feed fuel selected from hydrogen/reformate or gases rich in hydrogen, methanol at the anode and air/oxygen as the reactant at the cathode. The plate further does not contain any leachable ions, has high conductivity and is impervious to gases, coolants and other liquid reactants. The plate with flow field design is formed in a single step thereby reducing the cost of formation of the bipolar plate with flow field design. The HTPEMFC incorporating the EFG plates afford cost reduction and is efficient for power generation. Fig.1

No. of Pages: 23 No. of Claims: 13

(21) Application No.670/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention: INDANE DERIVATIVES FOR USE AS INTERMEDIATES

(51) International classification	:C07C 69/757	(71)Name of Applicant:
(31) Priority Document No	:09166390.6	1)DSM PHARMA CHEMICALS REGENSBURG GmbH
(32) Priority Date	:24/07/2009	Address of Applicant :DONAUSTAUFERSTRASSE 378,
(33) Name of priority country	:EUROPEAN	93055 REGENSBURG, GERMANY Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/060669	1)ERMANN, PETER HANS
Filing Date	:22/07/2010	
(87) International Publication No	:WO 2011/009928	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

A compound of Formula (4), wherein each X is independently fluorine or chlorine; n is 1 or 2; R1 is C3-C8 alkyl, phenyl or benzyl; and R2 is C1-C6 alkyl; and its production and use.

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: ELEVATOR

(51) International classification	:B64D	(71)Name of Applicant:
(21) Driggitz Dogument No	:2011-	1)TOSHIBA ELEVATOR KABUSHIKI KAISHA
(31) Priority Document No	056798	Address of Applicant :5-27, KITASHINAGAWA 6-CHOME,
(32) Priority Date	:15/03/2011	SHINAGAWA-KU, TOKYO, JAPAN. Japan
(33) Name of priority country	:Japan	2)KABUSHIKI KAISHA TOSHIBA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TAKEDA YOSHIHIRO
(87) International Publication No	:NA	2)TANAKA TOSHIAKI
(61) Patent of Addition to Application Number	:NA	3)TONOSAKI YUKINORI
Filing Date	:NA	4)SUGIHARA TOSHIO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

According to one embodiment, an elevator includes an allocation control unit which uses one of group supervisory control techniques having different control indexes to allocate a car that responds to a destination floor registered by an operation of a landing call button in cars, a performance evaluation unit which performs performance evaluation of the group supervisory control technique based on an operating status of the cars, a scheduling unit which sets an elevator operation schedule representing a relationship between an arbitrary time zone and the group supervisory control technique applied to the time zone based on a performance evaluation result obtained by the performance evaluation unit in such a manner that the control indexes including passenger transport efficiency meet predetermined conditions, and a control switching unit which switches the group supervisory control technique in accordance with a time zone a current time belongs in compliance with the schedule.

No. of Pages: 62 No. of Claims: 6

(21) Application No.767/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : WIRELESS COMMUNICATION DEVICE, WIRELESS COMMUNICATION METHOD, PROGRAM, AND WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:2011064109	1)SONY CORPORATION
(32) Priority Date	:23/03/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ERIKA SAITO
(87) International Publication No	:NA	2)HIDEYUKI SUZUKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

There is provided a wireless communication device including a wireless communication unit configured to receive application information, the application information indicating which of a content providing side or a content user side an application of each of one or more nearby wireless communication devices is, a setting unit configured to set a parameter indicating a priority to operate as a master unit in accordance with, among the wireless communication device and the nearby wireless communication device(s), a relationship between the number of providing devices whose applications are content providing sides and the number of user devices whose applications are content user sides, and a control unit configured to control a negotiation with at least one of the nearby wireless communication devices to determine a wireless communication device to operate as a master unit, using the parameter set by the setting unit.

No. of Pages: 50 No. of Claims: 10

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: AIRCRAFT CAPABLE OF HOVERING

(51) International classification (31) Priority Document No (32) Priority Date	:B64D :11425066.5 :18/03/2011	Address of Applicant :520 Via Giovanni Agusta Frazione
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:EPO :NA	Cascina Costa SAMARATE Italy. Italy (72)Name of Inventor:
Filing Date	:NA	1)BRUNETTI Massimo
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	2)COGLIATI Andrea 3)IANNUCCI Dario
Filing Date  (62) Divisional to Application Number	:NA :NA	4)SCANDROGLIO Alessandro
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

An aircraft (1) capable of hovering having drive means(7); and at least one exhaust duct (8 8) connected to an outlet of the drive means (7) to expel the exhaust gas produced by fuel combustion from the aircraft. At least part of the exhaust duct (8 8) has a thermoelectric conversion circuit (15) for Seebeckeffect converting to electric energy the thermal gradient produced between the inside and outside of the exhaust duct (8 8) by flow of the exhaust gas. (Figure 2)

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

(21) Application No.669/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: DEVELOPMENT OF OLIGONUCLEOTIDES (PROBES) FOR DETECTION OF XDR-TB

(51) International classification :C12N (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	I (71)Name of Applicant: 1)ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIMS) Address of Applicant: ANSARI NAGAR, NEW DELHI-110 029, INDIA Delhi India (72)Name of Inventor: 1)SINGH URVASHI B. 2)PORWAL CHHAVI
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### (57) Abstract:

The present invention relates to a process of detecting the presence of Mycobacterium tuberculosis in a sample. The invention in particular provides fast and sensitive detection probes and a detection kit based on same for detecting extensively drug-resistant Mycobacterium tuberculosis.

No. of Pages: 25 No. of Claims: 18

(21) Application No.669/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : PROCESS FOR THE PREPARATION OF FORM 1 AND FORM 11 OF PALONOSETRON HYDROCHLORIDE

(51) International classification	:C07D 453/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RANBAXY LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6,
(33) Name of priority country	:NA	NEHRU PLACE, NEW DELHI-110019 INDIA Delhi India
(86) International Application No	:PCT/IB2010/053010	(72)Name of Inventor:
Filing Date	:30/05/2010	1)GYANENDRA PANDEY,
(87) International Publication No	:WO 2011/001400	2)KAPTAN SINGH
(61) Patent of Addition to Application	:NA	3)SURENDER DHINGRA
Number	:NA	4)MOHAN PRASAD
Filing Date	.INA	5)TIPPASUNDRA G. CHANDRASHEKHAR
(62) Divisional to Application Number	:NA	6)SOMENATH GANGULY
Filing Date	:NA	7)RITA SANTHAKUMAR

### (57) Abstract:

The present invention relates to processes for the preparation of Form I and Form II of palonosetron hydrochloride. The present invention further relates to a method of determining the polymorphic forms of palonosetron hydrochloride using Fourier-Transform Infra-red (FTIR) method.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : METHODS OF MAKING IMPROVED COBALTMOLYBDENUM-SULFIDE CATALYST COMPOSITIONS FOR HIGHER ALCOHOL SYNTHESIS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:29/06/2010 : NA :NA :NA	(71)Name of Applicant:  1)RANGE FUELS INC.  Address of Applicant:11101 West 120th Avenue Suite 200  Broomfield CO 80021 United States of America U.S.A. (72)Name of Inventor:  1)Karl KHARAS 2)Jason P. DURAND 3)William A. MAY
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

This invention improves prior methods of making cobalt-molybdenum-sulfide catalysts for alcohol production from syngas. In one aspect improved methods are provided for making preferred cobalt-molybdenum-sulfide compositions. In another aspect processes utilizing these catalysts for producing at least one C1-C4 alcohol such as ethanol from syngas are described.

No. of Pages: 35 No. of Claims: 39

(21) Application No.715/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: LIGHT FOR X-RAY IMAGING SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:H01L :13/071743 :25/03/2011 :U.S.A. :NA	
Filing Date	:NA	1)WALTERS, DANIEL A.
(87) 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:

Systems and methods for making and using a light with an X-ray imaging arm are described. The light can be configured to have a light source that is disposed around at least a portion of a perimeter of an X-ray imaging arm's X-ray source and/or X-ray detector. The light source can be positioned to direct its light to a field of view that is located between the X-ray source and the X-ray detector. The light can comprise a light source, a switching mechanism, and wiring to connect the light source and switching mechanism to a power source, such as a battery. The light can be electrically connected into the imaging arm or can be part of an accessory that can be retrofitted to the imaging arm. Other embodiments are described.

No. of Pages: 26 No. of Claims: 25

(21) Application No.765/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: IN -VEHICLE AUDIO APPARATUS

(51) Y	11020	
(51) International classification	:H03G	(71)Name of Applicant :
(31) Priority Document No	:2011068159	1)SONY CORPORATION
(32) Priority Date	:25/03/2011	Address of Applicant: 1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HIDEKI ITO
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An in-vehicle audio apparatus includes: a base body that is arranged in a fixed state; a storage tray that is moved between a drawing-out position and a storing position with respect to the base body and inserts and takes out a music reproducing device at the drawing-out position; a pressing body that is moved in accordance with a moving position of the storage tray in a direction perpendicular to a moving direction of the storage tray and presses the music reproducing device that is inserted into the storage tray when the pressing body is moved to one side; and a bias spring that presses the pressing body to the one side.

No. of Pages: 124 No. of Claims: 14

(21) Application No.781/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

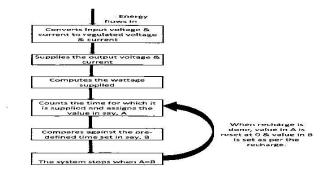
# (54) Title of the invention: CONSOLIDATED METERING DEVICE

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GAUTAM MOHANKA
(32) Priority Date	:NA	Address of Applicant :F-33, OKHLA INDUSTRIAL AREA,
(33) Name of priority country	:NA	PHASE - 1, NEW DELHI - 110020, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GAUTAM MOHANKA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		<u> </u>

### (57) Abstract:

A consolidated metering-circuit device where in the circuit has an inbuilt prepaid meter along with driver circuits for the lights and mobile charging facility.

#### Flowchart for consolidated meterised circuit



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

(21) Application No.798/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : TITANIA PAINT BASED ROOM TEMPERATURE FABRICATION OF DYE SENSITIZED SOLAR CELLS

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)SHRUTI ANIL AGARKAR
(61) Patent of Addition to Application Number	:NA	2)VIVEK VISHNU DHAS
Filing Date	:NA	3)SUBAS MUDULI
(62) Divisional to Application Number	:NA	4)SATISHCHANDRA BALKRISHNA OGALE
Filing Date	:NA	

### (57) Abstract:

This invention discloses a room temperature process for the fabrication of dye sensitized solar cells (DSSCs). Particularly the invention discloses a room temperature process for preparing binder free titania based paint to be used in DSSCs.

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

(21) Application No.712/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: BATTERY MANAGEMENT SYSTEMS WITH ENUMERATING CIRCUITS

:H01L	(71)Name of Applicant:
:13/184,405	1)O2 MICRO, INC
:15/07/2011	Address of Applicant :3118 PATRICK HENRY DRIVE
:U.S.A.	SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF
:NA	AMERICA U.S.A.
:NA	(72)Name of Inventor:
:NA	1)ALLAN FLIPPIN
:NA	
:NA	
:NA	
:NA	
	:13/184,405 :15/07/2011 :U.S.A. :NA :NA :NA :NA :NA

### (57) Abstract:

A system may include multiple chips and a host processor. The host processor can be coupled to the multiple chips and send an enumerate command. The multiple chips can propagate an enumerate packet including the enumerate command from chip-to-chip, and each chip can use information in the enumerate packet to determine its own unique address.

No. of Pages: 46 No. of Claims: 26

(21) Application No.746/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : CONVERSION OF A FUEL POWERED VEHICLE TO A BATTERY POWERED ELECTRIC VEHICLE

(51) International classification	:H01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGAL, CHANDER MOHAN
(32) Priority Date	:NA	Address of Applicant :45C, BB BLOCK, JANAK PURI,
(33) Name of priority country	:NA	NEW DELHI - 110058, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGAL, CHANDER MOHAN
(87) 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:

Detailed technological design and method thereof is given for converting a fuel powered four Wheeled vehicle to a battery powered controllable speed electric vehicle, by first removing all the fuel related sub-assemblies from the vehicle and then incorporating in it, in a properly matched and integrated manner, a rechargeable dc battery bank made from automotive rechargeable dc batteries, a squirrel cage three phase ac induction motor, a dc to three phase ac variable frequency variable voltage inverter, and other requisite subassemblies designed specially for this purpose to complete this conversion .

No. of Pages: 51 No. of Claims: 6

(21) Application No.779/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: WIRE-GRASPING STRUCTURE FOR TERMINAL BLOCK

	DAAD	
(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DINKLE ENTERPRISE CO., LTD.
(32) Priority Date	:NA	Address of Applicant :NO.3, MIN AN ROAD, HSIN
(33) Name of priority country	:NA	CHUANG DIST., NEW TAIPEI CITY 242, TAIWAN. Taiwan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHANG TSAI WU
(87) 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 wire-grasping structure for a terminal block is disclosed. The wire-grasping structure includes a core, a conductive terminal piece and a screw. The core is transversely formed with a socket and vertically formed with a threaded hole. The socket and the threaded hole are communicated mutually and each communicated with the exterior of the core. The conductive terminal piece has a receiving portion and a terminal portion. The terminal portion is configured to be horizontally inserted into the socket such that the receiving portion projects from the core terminal portion. The screw is configured to be vertically screwed in to the threaded hole and enter the socket to abut against the terminal portion. Thereby, the wire-grasping structure can store a jumper bar and facilitate convenient use.

No. of Pages: 15 No. of Claims: 4

(21) Application No.795/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: PROCESS FOR THE SYNTHESIS OF GLYCIDOL FROM GLYCEROL

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)ASHUTOSH ANANT KELKAR
(61) Patent of Addition to Application Number	:NA	2)VILAS HARI RANE
Filing Date	:NA	3)SWAPNA MUGUTRAO GADE
(62) Divisional to Application Number	:NA	4)MUDASSIR KHURSHEED MUNSHI
Filing Date	:NA	

# (57) Abstract:

The present invention discloses a simple one pot, two-step process for synthesizing glycidol from glycerol catalyzed by ionic liquids resulting in high conversion rate of glycerol and possessing a high degree of selectivity towards glycidol.

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

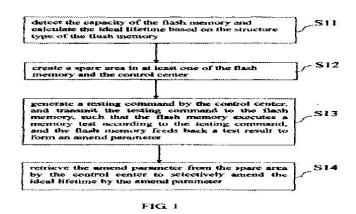
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: FLASH MEMORY LIFETIME EVALUATION METHOD

(51) International classification	:G06T	(71)Name of Applicant:
(31) Priority Document No	:NA	1)FLUIDITECH IP LIMITED
(32) Priority Date	:NA	Address of Applicant :OFFSHORE INCORPORATIONS
(33) Name of priority country	:NA	(SEYCHELLES) LIMITED, P. O. BOX 1239, OFFSHORE
(86) International Application No	:NA	INCORPORATIONS CENTRE, VICTORIA, MAHE,
Filing Date	:NA	REPUBLIC OF SEYCHELLES. Seychelles
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)CHU, YUNG-CHAING
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A flash memory lifetime evaluation method is provided for dynamically amending, detecting and evaluating an ideal lifetime (or standard lifetime) of a built-in or expanded flash memory of an electronic device, and the method comprises the steps of calculating the ideal lifetime according to the capacity of the flash memory, creating a spare area in at least one of the flash memory and the control center, generating a testing command by the control center and transmitting the testing command to the flash memory such that the flash memory executes a memory test according to the testing command, and the flash memory feeds back a test result to the spare area as an amend parameter according to the memory test, and the control center retrieves the amend parameter stored in the spare area to selectively amend the ideal lifetime by the amend parameter.



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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : ARMATURE WINDING OF ELECTRICAL ROTATING APPARATUS, ELECTRICAL ROTATING APPARATUS USING THE SAME, AND METHOD OF MANUFACTURING THE SAME

(51) Intermedianal alassification	.D22V1/00	(71) Name of Applicant .
(51) International classification	:B23K1/00 :2013-	(71)Name of Applicant:
(31) Priority Document No	260487	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(32) Priority Date		Tokyo 105-8001, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Mitsuhiko Koyama
Filing Date	:NA	2)Toru Otaka
(87) International Publication No	: NA	3)Shigehito Ishii
(61) Patent of Addition to Application Number	:NA	4)Yoshitaka Sakai
Filing Date	:NA	1) 2 35
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

According to one embodiment, an armature winding includes a plurality of rectangular solid conductors and a plurality of rectangular hollow conductors, which are arranged such that tip of end portions thereof form one surface, the surface being coated with a brazing filler material, and an anti-flowing agent applied on a portion of an inner surface of each hollow conductor to prevent the brazing filler material from flowing into hollow portions of the hollow conductors.

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

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: HIGH PURITY CHROMATROGRAPHIC MATERIALS COMPRISING AN IONIZABLE MODIFIER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C08J 9/00 :61/231,045 :04/08/2009 :U.S.A. :PCT/US2010/044390 :04/08/2010 :WO 2011/017418 :NA :NA	(71)Name of Applicant:  1)WATERS TECHNOLOGIES CORPORATION Address of Applicant: 34 MAPLE STREET, MILFORD, MASSACHUSETTS 01757, U.S.A. U.S.A. (72)Name of Inventor: 1)KEVIN D. WYNDHAM 2)PAMELA C. IRANETA 3)THOMAS H. WALTER
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### (57) Abstract:

The present invention provides novel chromatographic materials, e.g., for chromatographic separations, processes for its preparation and separations devices containing the chromatographic material; separations devices, chromatographic columns and kits comprising the same; and methods for the preparation thereof. The chromatographic materials of the invention are high purity chromatographic materials comprising a chromatographic surface wherein the chromatographic surface comprises a hydrophobic surface group and one or more ionizable modifier.

No. of Pages: 94 No. of Claims: 93

(22) Date of filing of Application :23/01/2012

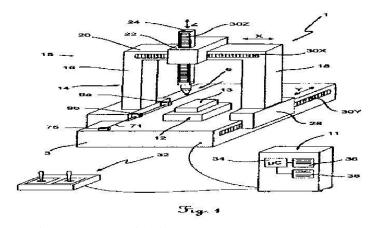
(43) Publication Date: 21/08/2015

# (54) Title of the invention : COORDINATE MEASURING MACHINE (CMM) AND METHOD OF COMPENSATING ERRORS IN A CMM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G01B 21/04 :09164602.6 :03/07/2009 :EPO :PCT/EP2010/059496 :02/07/2010 :WO 2011/000955 :NA :NA	(71)Name of Applicant:  1)LEICA GEOSYSTEMS AG Address of Applicant: HEINRICH-WILD-STRASSE, CH- 9435 HEERBRUGG (CH) Switzerland (72)Name of Inventor: 1)PETTERSSON, BO 2)SIERCKS, KNUT
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to a coordinate measuring machine (1) for determination of at least one spatial coordinate of a measurement point (13) on an object (12) to be measured. The coordinate measuring machine (1) comprises a stationary base (3), a probe head (6) for approaching the measurement point (13) and a frame structure (15) for linking the probe head (6) to the base (3). Thereby, the frame structure (15) comprises at least a first and a second frame component (14, 22, 24) and at least one linear drive mechanism (2) moveably linking the first and the second frame components (14, 22, 24), for provision of movability of the probe head (6) relative to the base (3) in a first direction (X, Y, Z). According to the invention, a first reference path is provided by an optical reference beam (71), wherein the reference beam (71) extends along a guide of the linear drive mechanism so that the reference path is parallel to the first direction (X, Y, Z). Furthermore, at least one displacement sensor (9, 9a, 9b) is assigned to the reference beam (71), the reference beam (71) and the displacement sensor (9, 9a, 9b) being designed and arranged in such a way, that a displacement of the movable member of the linear drive mechanism relative to the first reference path is measurable being indicative of a translational and/or rotational displacement of the movable member from its ordinary bearing position.



No. of Pages: 60 No. of Claims: 12

(21) Application No.689/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : AN INTEGRATED COOLING SYSTEM AND HYDROGEN PROCESSING FOR POWER GENERATION PLANTS

(51) International classification	:H01S	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
(32) Priority Date	:NA	Address of Applicant :ROORKEE-247667, UTTARAKHAN,
(33) Name of priority country	:NA	INDIA Uttarakhand India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GYAN RANJAN BISWAL
(87) International Publication No	:NA	2)RUDRA PRAKASH MAHESHWARI
(61) Patent of Addition to Application Number	:NA	3)MOHAN LAL DEWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to an integrated cooling system with hydrogen processing for power generation plants comprising of hydrogen separation unit interfaced with reservoir, Purified Hydrogen from which is received by Hydrogen processing unit for supplying the pressurized Hydrogen to cooling section.

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

(21) Application No.819/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: CONTROL DEVICE DISPLAY APPARATUS, AND ELECTRONIC APPARATUS

(51) International classification	:G11C	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)SEIKO EPSON CORPORATION
(31) Thorny Document No	62597	Address of Applicant :4-1, NISHISHINJUKU 2- CHOME,
(32) Priority Date	:22/03/2011	SHINJUKU-KU, TOKYO 163 - 0811, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MUTO, KOTA
Filing Date	:NA	2)YAMADA, YUSUKE
(87) 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 device includes output means for outputting a signal for controlling an electro-optical device having a plurality of pixels which are provided so as to correspond to intersections of a plurality of scanning lines and a plurality of data lines, to the electro-optical device, and control means for controlling the output means to output a signal for applying a voltage corresponding to data stored in a memory to the plurality of data lines, whereby an image which is written by the signal when a first condition is satisfied has a higher spatial frequency of grayscale variations in an extending direction of the data lines than that of an image which is written by the signal when a second condition is satisfied.

No. of Pages: 80 No. of Claims: 19

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: SHAFT/HUB CONNECTION ELEMENT WITH ELASTIC CENTERING ELEMENT

(51) International :F16D1/116,B62M9/06,F16H57/00

(31) Priority Document No :10 2012 001 891.6 (32) Priority Date :01/02/2012 (33) Name of priority country :Germany

(86) International Application :PCT/US2013/023068

No :25/01/2013

Filing Date :25/01/201

(87) International Publication :WO 2013/116091

(61) Patent of Addition to
Application Number :NA

Application Number :NA :NA :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)THE GATES CORPORATION

Address of Applicant :(a Delaware Corporation) 1551

Wewatta Street Denver CO 80202 U.S.A.

(72)Name of Inventor:

1)NICOLAI Karlheinz

### (57) Abstract:

A shaft/hub connection for vehicles or for use in drive systems with a cylinder shaped shaft component containing elevations or depressions on the lateral surface and a hub component having a bore including inside the bore also elevations or depressions whereby the shaft component can be mounted inside the bore of the hub component. It is further distinguished in that inside the bore of the hub component at least 2 surfaces are arranged such that an elastic deformation of these surfaces in the radial direction is possible and inside the bore of the hub component at least 2 surfaces are arranged such that an elastic deformation of these surfaces in the radial direction is less possible. In addition the shaft/hub connection is characterized in that the elastically deformable surfaces are connected in a materially bonding manner with the elastically less deformable surfaces.

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

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MASTICATION DETECTION DEVICE AND MASTICATION DETECTION METHOD

(51) International classification	:G11C	(71)Name of Applicant:
(31) Priority Document No	:2011061694	1)SONY CORPORATION
(32) Priority Date	:18/03/2011	Address of Applicant: 1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN. Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KEIICHI OSAKO
(87) International Publication No	:NA	2)TOSHIYUKI SEKIYA
(61) Patent of Addition to Application Number	:NA	3)MOTOTSUGU ABE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An information processing apparatus and method provide logic for processing information. In one implementation, an information processing apparatus may include a receiving unit configured to receive an audio signal associated with a motion of a human mandible over a time period. The information processing apparatus may also include a determination unit configured to determine whether the motion of the human mandible corresponds to mastication, based on at least a power of the received audio signal during the time period.

No. of Pages: 55 No. of Claims: 20

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : BIPOLAR ELECTRODE AND SUPERCAPACITOR DESALINATION DEVICE, AND METHODS OF MANUFACTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C02F 1/461 :12/511193 :29/07/2009	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD SCHENECTADY, NEW YORK 12345, USA U.S.A. (72)Name of Inventor: 1)ZHENG, LIPING 2)YANG, HAI 3)CAI, WEI 4)DENG, ZHIGANG 5)CHEN, LIN 6)YU, XIANGUO 7)LIU, JIANYUN 8)LIU, HUI
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# (57) Abstract:

A bipolar electrode comprises an intermediate layer comprising one or more carbon materials. The bipolar electrode further comprises first and second layers disposed on opposite surfaces of the intermediate layer and configured to act as an anode and a cathode. The first and second layers comprise at least one of one or more electrically conductive carbon materials and one or more conductive polymers. A supercapacitor desalination device and a method for making the bipolar electrode are also presented.

No. of Pages: 24 No. of Claims: 33

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR OPTIMAL LOAD PLANNING OF ELECTRIC VEHICLE CHARGING

(51) International classification (31) Priority Document No	:G05S :13/075287	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY  Address of Applicant of DIVIEW BOAD, SCHENECTARY
(32) Priority Date (33) Name of priority country	:30/03/2011 :U.S.A.	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TYAGI, RAJESH
(87) International Publication No (61) Patent of Addition to Application Number	:NA :NA	2)NIELSEN, MATTHEW CHRISTIAN 3)MARASANAPALLE, JAYANTH KALLE
Filing Date	:NA	4)BLACK, JASON WAYNE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A system for optimal planning of electric power demand is presented. The system includes a node comprising one or more smart charging plug-in electric vehicles (SCPEVs), a processing subsystem, wherein the processing subsystem receives relevant data from one or more sources; and determines an optimized SCPEV load and optimal charging schedule for the node by applying an operations research technique on the relevant data.

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

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD OF CHECKING A MEMBRANE FILTRATION MODULE OF A FILTRATION PLANT

11020	(71) 37 0 4 39 4
	(71)Name of Applicant :
:10 2011 006 545.8	1)KRONES AG Address of Applicant :BOEHMERWALDSTRASSE 5, 93073
:31/03/2011	NEUTRAUBLING GERMANY Germany
:Germany	(72)Name of Inventor:
:NA	1)MAYR, STEPHAN
:NA	2)ZACHARIAS, JORG
:NA	
	:31/03/2011 :Germany :NA :NA :NA :NA :NA

### (57) Abstract:

The invention comprises a method of checking a membrane filtration module of a filtration plant, wherein the membrane filtration module comprises a discharge pipe for the filtrate and a membrane element for filtering a liquid, comprising the steps of filling the membrane filtration module with a liquid, so that the membrane element is completely immersed in the liquid, and introducing compressed air into the discharge pipe.

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

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : SPHERICAL MAGNESIUM HALIDE ADDUCT CATALYST COMPONENT AND CATALYST FOR OLEFIN POLYMERIZATION PREPARED THEREFROM $\bullet$

### (57) Abstract:

A magnesium halide adduct represented by the formula (I): MgX2mROHnEpH2O in which X is chlorine bromine a C1-C12 alkoxy a C3-C10 cycloalkoxy or a C6-C10 aryloxy with the proviso that at least one X is chlorine or bromine; R is a C1-C12 alkyl a C3-C10 cycloalkyl or a C6-C10 aryl; E is an o-alkoxybenzoate compound represented by the formula (II): in which R1 and R2 groups are independently a C1-C12 linear or branched alkyl a C3-C10 cycloalkyl a C6-C10 aryl a C7-C10 alkaryl or an C7-C10 aralkyl the R1 and R2 groups are identical to or different from the R group; m is in a range of from 1.0 to 5.0; n is in a range of from 0.001to 0.5;....

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

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: COMPONENT FOR STARTING OF MOTOR

(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	H01K 201120077567.0 21/03/2011 China NA NA NA NA NA NA	(71)Name of Applicant:  1)MURATA MANUFACTURING CO., LTD.  Address of Applicant:10-1, HIGASHIKOTARI 1-CHOME, NAGAOKAKYO-SHI, KYOTO-FU 617-8555, JAPAN Japan (72)Name of Inventor: 1)FUJII, YUKI 2)MOCHIDA, NORIHIRO
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#### (57) Abstract:

The present invention provides a component for starting of a motor. The component for starting of the motor comprises: a PTC thermistor for starting of the motor and a bidirectional thyristor; a control PTC thermistor, a spring terminal, holding the PTC thermistor for starting of the motor and the control PTC thermistor; a housing, for accommodating the above members; a first terminal member, one end of which is formed as a third contact, and the other end of which is formed as a first contact for connecting with a secondary coil of the motor, the first contact being a spring contact; a second terminal member, formed as a second contact connected with a power supply; and a third terminal member, one end of which is formed as a fifth contact, and the other end of which is formed as a fourth contact for connecting with a primary coil of the motor, the fourth contact being a spring contact. The control PTC thermistor is farther from the first contact and the fourth contact than the PTC thermistor for starting of the motor. Therefore, the present invention can keep elasticity of the terminals within the component for starting of the motor, even in a long-term usage. Fig. 1A

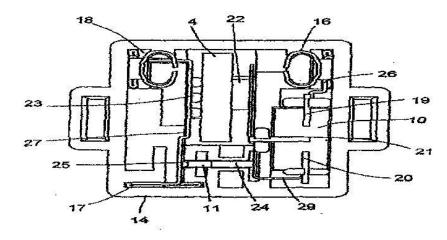


Fig. 1A

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

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: FOAM-DISPENSING PUMP CONTAINER

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)DAIWA CAN COMPANY
(31) Thomas Document No	062181	Address of Applicant :1-10, NIHONBASHI 2-CHOME,
(32) Priority Date	:22/03/2011	CHUO-KU, TOKYO 103-8240, JAPAN. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)UEHIRA, SHOUJI
Filing Date	:NA	2)SAITO, DAISUKE
(87) 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 foam-dispensing pump container according to the present invention has the valve seat portion which protrudes inwardly below the air-liquid mixing unit and which is formed of the flexible member that can come into contact with the outer peripheral face of the latch portion of the rod-shaped valve body, and immediately after the nozzle head starts rising, the flexible valve seat portion comes into contact with the rod-shaped valve body before the upper opening end of the liquid chamber comes into contact with the rod-shaped valve body, thereby significantly reducing a backflow of the foam or liquid into the air passage, and consequently improving the usability of the foam-dispensing pump container.

No. of Pages: 45 No. of Claims: 2

(43) Publication Date: 21/08/2015

(19) INDIA

(22) Date of filing of Application :21/03/2012

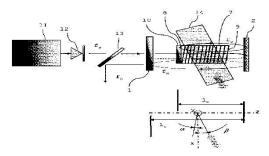
### (54) Title of the invention: NESTED-CAVITY OPTICAL PARAMETRIC OSCILLATOR FOR FAST FREQUENCY TUNING

(86) International Application No Filing Date  (87) International Publication No (61) Patent of Addition to Application Number Filing Date  (88) International Application No Filing Date  (89) International Publication No Filing Date  (80) International Application No Filing Date  (81) International Publication No Filing Date  (82) International Publication Number Filing Date  (83) International Application No Filing Date  (84) International Application No Filing Date  (85) International Application No Filing Date  (86) International Application No Filing Date  (87) Name of Inventor:  (92) Name of Inventor:  (92) Name of Inventor:  (92) Name of Inventor:  (93) ODARD, ANTOINE  (94) LEFEBVRE, MICHEL  (94) LEFEBVRE, MICHEL	<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:France :NA :NA :NA :NA :NA	1)RAYBAUT, MYRIAM 2)HARDY, BERTRAND 3)GODARD, ANTOINE
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#### (57) Abstract:

Doubly resonant optical parametric oscillator with achromatic phase-maintaining pump reflection comprising a source (11) of pump radiation (fp), a non linear crystal (7) situated within two resonant cavities for the signal (fs) and complementary (fc) radiations of respective optical lengths ls and lc $\check{z}$  and forming a doubly resonant resonator for a single pair of longitudinal signal and complementary modes, the crystal is of prismatic shape with its rear face (9) inclined along a non zero angle  $\alpha$  with respect to the direction x orthogonal to the direction z of propagation of the radiations, the crystal (7) being moveable within the plane xz. The crystal (7) is moveable along a direction forming a non zero angle with respect to the direction x to enable fast frequency scanning of the oscillator, the value of is fixed so that the movement of the crystal (7) is accompanied by a change in the respective optical lengths ls and lc of the two resonant cavities in a ratio such that the double resonance condition between the longitudinal modes of each cavity is maintained and as a result the values of the frequencies fs and fc are continuously tunable over a wide range without having to use a device for monitoring and correcting cavity lengths capable of maintaining the coincidence of modes between the two cavities. Figure for the abstract: Fig 4

Figure for the abstract: Fig 4



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

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD OF PRODUCING A FIBRE REINFORCED STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:EPO :NA :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2 80333, MUNCHEN, GERMANY Germany (72)Name of Inventor: 1)SCHIBSBYE KARSTEN
e		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A method of producing a fibre reinforced structure in which a fibre material is laid on a mould surface (1) resembling a negative image of the fibre reinforced structure to be produced and in which a resin is infused and cured after the fibre material is laid on the mould surface (1) is provided. Layering the fibre material on the mould sur–face (1) comprises a step of laying rovings (13) of the fibre material on the mould surface (1) or on a fibre material already laid on the mould surface (1) and applying an under pressure to a space between the rovings (13) and the mould surface (1). Figure 1

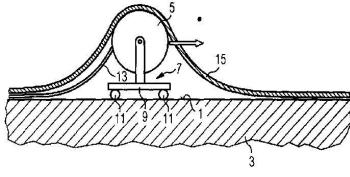


FIG 1

No. of Pages: 16 No. of Claims: 15

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: SEWING MACHINE HAVING A HIDDEN ELECTRIC LIFTER

(51) International classification (31) Priority Document No	:A61F :NA	(71)Name of Applicant: 1)KAULIN MFG. CO., LTD.
(32) Priority Date	:NA	Address of Applicant :11F., NO. 128, SEC. 3, MIN-SHENG
(33) Name of priority country	:NA	E. RD., SONG-SHAN DISTRICT, TAIPEI CITY, TAIWAN
(86) International Application No	:NA	(R.O.C.) Taiwan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)PEI-CHIA LIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A sewing machine having a hidden electric lifter includes a machine body (10), an actuator (20), a pressing mechanism (30) and a lifting mechanism (40). The machine body (10) includes an upper arm (11). The interior of the upper arm (11) is provided with an accommodating space (12) in which the actuator (20) is hidden and received. The actuator (20) includes an electrical part (21) and a driving rod (22). The pressing mechanism (30) includes a pressing rod (31) and a sleeve (32). The lifting mechanism (40) includes a swinging element (41), a connecting rod (42) and a lifting element (43). The lifting element (43) is arranged to correspond to the sleeve (32). When the driving rod (22) is actuated by the electrical part (21), the swinging element (41) drives the lifting element (43) to move, thereby making the sleeve (32) and the pressing rod (31) to ascend or descend. Thus, the volume of the sewing machine is reduced. Further, the sewing machine can be raised during the adjustment or replacement of components easily.

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

(22) Date of filing of Application :12/01/2015 (43) Publication Date : 21/08/2015

# (54) Title of the invention : PERCUTANEOUS OSSEOINTEGRATED IMPLANT ASSEMBLY FOR USE IN SUPPORTING AN EXO-PROSTHESIS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61F2/28 :14/181,029 :14/02/2014 :U.S.A. :NA :NA :NA :NA :NA :NA	I Valley AZ X5253 I ISA I ISA
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### (57) Abstract:

An implant assembly for a long bone is adapted to support an exo-prosthesis. The assembly includes a stem, a subdermal component and a percutaneous post. The stem has a proximal end that is adapted to be received in a surgically prepared medullary canal of the long bone, and a distal end having a surface that is adapted to promote bone ingrowth. The subdermal component includes a proximal portion that is adapted for attachment to the distal end of the stem, and a fixation surface that is adapted to promote soft tissue fixation. The percutaneous post has a proximal end that is adapted to be attached to the subdermal component.

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

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: WIND TURBINE WITH A BROAD-BAND DAMPING DEVICE IN EACH BLADE

(51) International classification	:A61F	(71)Name of Applicant :
(31) Priority Document No	:P201100358	
(32) Priority Date	:29/03/2011	Address of Applicant :AVENIDA CIUDAD DE LA
(33) Name of priority country	:Spain	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA),
(86) International Application No	:NA	SPAIN. Spain
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)CASO PRIETO, JAVIER
(61) Patent of Addition to Application Number	:NA	2)SAEZ MORENO, ALEJANDRO
Filing Date	:NA	3)GARCIA ANDUJAR, JUAN CARLOS
(62) Divisional to Application Number	:NA	4)SANCET EZPELTA, AITOR
Filing Date	:NA	5)LOPEZ DIEZ, JESUS

### (57) Abstract:

Wind turbine comprising one or more blades, incorporating in each blade a damping device comprising a first damping element tuned at the main resonance frequency of the blade  $\Omega$ o and K additional damping elements tuned at frequencies  $\Omega$ 1,  $\Omega$ 2, ...  $\Omega$ k so that in the event of blade vibrations its amplitude A is reduced in a percentage Y of the amplitude Ao at the main resonance frequency of the blade  $\Omega$ o in a band extended above and below the main resonance frequency of the blade  $\Omega$ 0 in a percentage X of  $\Omega$ 0, said frequencies  $\Omega$ 1,  $\Omega$ 2, ...  $\Omega$ k being comprised within said band. Fig. 3

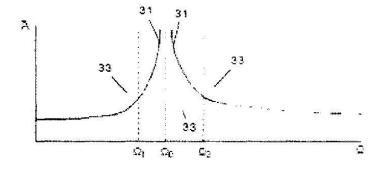


FIG. 3

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

(21) Application No.754/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: WHEEL RIM FORMING METHOD

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:2011- 120091	1)CENTRAL MOTOR CO., LTD. Address of Applicant :1-7, MARUTA, OZAKI-CHO, ANJO-
(32) Priority Date	:30/05/2011	SHI, AICHI 446-0004, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ICHIGO KAZUYOSHI
Filing Date	:NA	2)GOTO NAOKI
(87) 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:

To provide a method for forming a rim which allows a reduction in time required for a spinning process for thinning a prescribed portion of the rim and allows prevention of wrinkles, sink marks, buckling, or the like during a rolling process. In a method for forming a rim, after a flaring step, a first rolling step for contouring a recessed portion and rolled intermediately-formed portions is performed. A rolled compact 51 formed in the first rolling step is positioned in its front-back direction by holding the recessed portion to perform a spinning step for thinning all or a part of the rolled intermediately-formed portions . Second and third rolling steps are subsequently performed. Since the spinning step for the thinning is performed after the first rolling step, the rolling step after the spinning step causes less deformation in the rolled compact, and loads due to the rolling process after the spinning process can be reduced, thus allowing prevention of wrinkles, sink marks, buckling, or the like during the rolling process.

No. of Pages: 29 No. of Claims: 7

(21) Application No.770/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : A PROTOCOL FOR THE EXPRESSION AND PURIFICATION OF RECOMBINANT PNEUMONIA P1 PROTEIN FRAGMENTS

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF MEDICAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :V. RAMALINGASWAMI BHAWAN,
(33) Name of priority country	:NA	ANSARI NAGAR, NEW DELHI 110029 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAMA CHAUDHARY
(87) International Publication No	:NA	2)PAWAN MALHOTRA
(61) Patent of Addition to Application Number	:NA	3)BISHWANATH KUMAR CHOURASIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to a process for the production of recombinant fragments of Mycoplasma pneumoniae P1 protein comprising the steps of synthesizing four P1 gene fragments i.e. P1-I, PI-I1, PI-I11 and PI-IV, by codon optimization and cloning the fragments in pCR4 Topo vector, amplification of the P1 gene fragments cloned in pCR4Topo vector, followed by cloning the P1 gene fragments in pGEM-T Easy vector, subcloning the P1 gene fragments into pET28b expression vector followed by expression of the gene fragments in a prokaryotic expression system, and purification to obtain the PI-I, PI-I1, PI-I11, and PI-IV protein fragments.

No. of Pages: 44 No. of Claims: 7

(21) Application No.802/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : MODIFIED FIXED NANOBITE TANDEM APPLICANCE (MFNTA) FOR RAPID CORRECTION OF DEVELOPING CLASS III MALOCCLUSION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA :NA :NA	(71)Name of Applicant: 1)DR. PRABHAT K. C. Address of Applicant:36/7, BHAWAPUR, POST OFFICE-GTB NAGAR, KARAILI, ALLAHABAD-211 016 Uttar Pradesh
(86) International Application No	:NA	India
Filing Date (87) International Publication No.	:NA :NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	:NA :NA	1)DR. PRABHAT K. C.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This appliance is designed with the aim rapid correction of developing Class III malocclusion in pediatric patient without much relying on patient compliance in a friendlier way. The Modified Fixed Nanobite Tandem Appliance (MFNTA) consists of three components, two fixed and one removable. Upper fixed appliance consists of Ni-Ti fixed maxillary expander and a soldered buccal arm on the first molar band. The lower appliance consists of modified fixed nanobite and buccal headgear tubes welded to the lower first molars band for facebow attachment (third component). Class III traction was used from the soldered buccal arm of the upper appliance to the facebow attachment which is attached to the of lower appliance to correct the Class III malocclusion.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR USE IN EVALUATING AN OPERATION OF A COMBUSTION MACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B23B :13/082804 :08/04/2011 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)NIGAM, GAURAV
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

A system (200) for use in evaluating an operation of a combustion engine (205) including a flame sensor (235). The system includes a memory device (110) and a processor (115) coupled in communication with the memory device. The memory device is configured to store a plurality of intensity readings from a flame sensor, wherein each intensity reading is associated with a time, and a plurality of past average intensities, wherein each past average intensity is associated with a past time interval. The processor is programmed to calculate (310) a plurality of current average intensities based on the intensity readings, wherein each current average intensity corresponds to a current time interval. The processor is also programmed to compare each current average intensity to a past average intensity associated with a past time interval corresponding to the current time interval associated with the current average intensity to create (320) a plurality of decay rates, and to estimate (330) a predicted flame sensor malfunction time based on the plurality of decay rate.

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

(21) Application No.785/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: CAJON WITH TEXTURED APPLICATIONS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:B64D :13/137,824 :15/09/2011 :U.S.A. :NA	
Filing Date	:NA	1)CHALO EDUARDO
(87) 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 musical instrument comprising a cuboid-shaped housing with a resonant chamber having external striking surfaces for producing percussive sounds when struck by any portion of a person's hand, or a hard or any other suitable object, and the means for producing distinctive and varied percussive sounds upon the striking of one or more of these surfaces consisting of textured applications joined to one or more of these surfaces in atta-ched or integrated relation.

No. of Pages: 23 No. of Claims: 51

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: IMAGE CAPTURING UNIT AND IMAGE CAPTURING DEVICE

(51) I	C01F	
(51) International classification	:G01T	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)NIKON CORPORATION
(31) Thomas Document 110	064533	Address of Applicant :12-1, YURAKUCHO 1-CHOME
(32) Priority Date	:23/03/2011	CHIYODA-KU, TOKYO 100-8331 JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)OCHI, MASAHITO
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An image capturing unit includes: a glass substrate having a first surface and a second surface on an opposite side to the first surface, with a first wiring pattern being provided upon at least the first surface; an image sensor that is electrically connected to the first wiring pattern, and that is mounted upon the first surface of the glass substrate; and a piezoelectric element that is disposed upon the first surface or upon the second surface, and that is electrically connected to the first wiring pattern.

No. of Pages: 27 No. of Claims: 12

(21) Application No.2482/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: WIND OR WATER ENERGY INSTALLATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:30/08/2010 : NA :NA :NA	(71)Name of Applicant:  1)VENPOWER GMBH  Address of Applicant: Auf der Plantage 34 16835 R ¹ / ₄ thnick  Germany. Germany  (72)Name of Inventor:  1)Peter HEIN
- 14/ 4-	:NA :NA :NA	

### (57) Abstract:

The invention relates to a wind or water energy installation (10) for generating electrical energy said installation comprising at least one propeller (30) and at least one generator (60) comprising at least one rotor at least one stator and at least one magnetic circuit (120) generating a magnetic flux. According to the invention the at least one magnetic circuit comprises at least one magnet (130 131 132) on the stator side and at least one coil (140 141 142) on the stator side ...

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

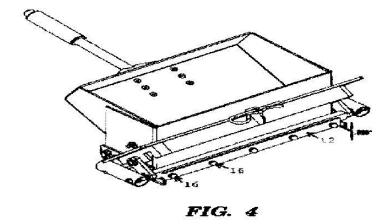
(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SCREED DIE ADUSTABLE LINE THICKNESS

(51) International classification	:E01C 23/24	(71)Name of Applicant:
(31) Priority Document No	:61/228,691	1)GRACO MINNESOTA INC.
(32) Priority Date	:27/07/2009	Address of Applicant :88 11TH AVENUE NE,
(33) Name of priority country	:U.S.A.	MINNEAPOLIS, MINNESOTA 55413, UNITED STATES OF
(86) International Application No	:PCT/US2010/043298	AMERICA U.S.A.
Filing Date	:27/07/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/017067	1)SCHROEDER, JAMES, C.
(61) Patent of Addition to Application	:NA	2)FREDRICKSON, STEVEN, H.
Number	:NA	3)BEDARD, ROLAND, M.
Filing Date	.1171	4)TRIPLETT, THOMAS, L.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An adjustable spacer plate 12 mounts over the US standard screed box 10 thermoplastic opening 14 of .125 and creates a .090 opening. This eliminates the need for the user to buy another costly screed box. For screeding over stencils, the spacer 12 can be flipped to create a zero clearance opening. This allows the thermoplastic to come out only when an opening in the stencil pattern is present. Also, as the die 14 wears down, the spacer can be removed which lets the standard size opening be used as a substitute for the .090 opening.



No. of Pages: 13 No. of Claims: 2

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR DISPLAYING THREE DIMENSIONAL VIEWS OF POINTS OF INTEREST

(51) International classification	:G01C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROCKWELL COLLINS INC
(32) Priority Date	:NA	Address of Applicant :400 Collins. NE, Cedar Rapids, Iowa
(33) Name of priority country	:NA	52498, USA U.S.A.
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)RAJASEKHAR REDDY SATTI
(87) 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 system and method for displaying 3 dimensional (3D) view of points of interest (POI) on a moving map, said method comprises storing in a first database, information relating to a flight path of an aircraft and storing in a second database, at least one 3D model of the at least one or more POI, said model associated with one or more 3D views of the related POI. The method further comprises mapping the location of the at least one or more POI stored on second database with the location of the aircraft and retrieving the 3D model, associated 3D views and related information of said 3D model based on the mapped location. Further, integrating the retrieved 3D views and related information of said 3D model with the moving map on the mapped location and displaying the 3D views of POI on the moving map. Fig. 2

No. of Pages: 32 No. of Claims: 22

(21) Application No.720/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD FOR TRANSMITTING AIRCRAFT FLIGHT DATA

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GE AVIATION SYSTEMS LLC
(32) Priority Date	:NA	Address of Applicant :3290 PATTERSON AVENUE, SE
(33) Name of priority country	:NA	GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PEREIRA, FRAZER LESLIE
(87) 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 (100) of transmitting aircraft flight data for an aircraft from the aircraft to a destination server via a wireless communication link includes determining an operational status of the aircraft (102), determining flight data to be transmitted (104), and transmitting the determined flight data to be transmitted to the destination server (106).

No. of Pages: 21 No. of Claims: 20

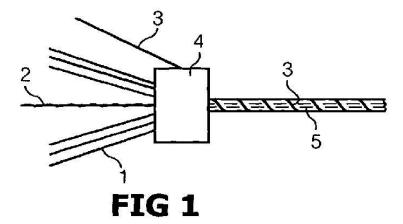
(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : BUNDLE OF ROVING YARNS, METHOD OF MANUFACTURING A BUNDLE OF ROVING YARNS AND METHOD FOR MANUFACTURING A WORK PIECE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:EPO :NA :NA :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2 80333, MUNCHEN, GERMANY Germany (72)Name of Inventor: 1)GROVE-NIELSEN ERIK
Filing Date	:NA	
(62) Divisional to Application Number	:NA :NA	
Filing Date	:INA	

#### (57) Abstract:

Bundle of roving yarns, method of manufacturing a bundle of roving yarns and me¬thod for manufacturing a work piece A method of manufacturing a bundle (5) of roving yarns (1) is described. The method is wherein assembling a number of roving yarns (1) of longitudinal unidirectional fibres and an additional component (2, 36) in a bundle (5). For example, at least one resin distribution means (2) or a thermoplastic material (36) can be placed as the additional component (2, 36) in the bundle (5).



No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: CONTROLLED RELEASE COMPOSITIONS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:A61K :61/471,786 :05/04/2011 :U.S.A.	l '
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RICHARD MARTIN JACOBSON
(87) 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 composition comprising (a) a meltable solid matrix comprising (i) one or more solid hydrophobic substance, and (ii) one or more solid hydrophobic substance, and (ii) one or more solid hydrophobic substance, and (b) distributed in said matrix, one or more encapsulation complex of a volatile cyclopropene compound encapsulated in a molecular encapsulation agent. Also provided is a method of treating plants or plant parts comprising placing said plants or plant parts and the composition of claim 1 into a container and allowing said plants or plant parts and said composition of claim 1 to remain together in said container for 1 day or longer.

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

(21) Application No.86/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: DEVELOP ON BOARD CATALYTIC FUEL PRODUCTION KIT FOR CAR

(51) International classification	·P61I	(71)Name of Applicant :
(31) Priority Document No	:NA	1)UNIVERSITY OF RAJASTHAN
•		
(32) Priority Date	:NA	Address of Applicant :BAPU NAGAR, JLN MARG, JAIPUR,
(33) Name of priority country	:NA	RAJASTHAN Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIJAY, YOGESH 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:

The present invention relates to of an electrolyzer which produces a hydrogen rich fuel by electrolysis of water using DC power from the battery of the car. The invention particularly relates to a multi-electrode cell which uses electrodes of aluminum and saline water as electrolyte. The present invention further provides a kit for on board catalytic fuel production.

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

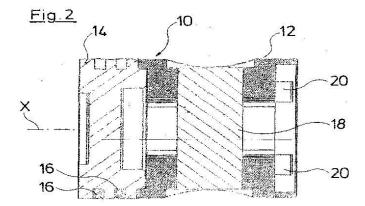
(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A PISTON COMPRESSOR WITH ONE OR MORE PISTONS

(51) International classification	:B23B	(71)Name of Applicant :
• /		
(31) Priority Document No	:11 002 716.6	1)J.P. SAUER & SOHN MASCHINENBAU GMBH
(32) Priority Date	:01/04/2011	Address of Applicant :BRAUNER BERG 15, 24159 KIEL,
(33) Name of priority country	:EUROPEAN	GERMANY Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)PETER MISSFELDT
Filing Date	:NA	2)PETER DAHMS
(87) International Publication No	:NA	3)WOLFGANG WIEGERS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention relates to a piston compressor with one or more pistons (10), wherein at least piston (10) as a multi-part piston is composed of at least one first (12) and- a second part (14) which are manufactured of different materials.



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

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR WIRELESS COMMUNICATIONS IN A WAVEGUIDE ENVIORNMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:H04N :13/052672 :21/03/2011 :U.S.A. :NA :NA :NA	(71)Name of Applicant:  1)GE AVIATION SYSTEMS LLC Address of Applicant:3290 PATTERSON AVENUE, SE GRAND RAPIDS, MICHIGAN 49512-1991, U.S.A. U.S.A. (72)Name of Inventor: 1)WYLER, JOHN STEPHEN
· ·	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A system and method of transmitting sensor signals in a waveguide environment are provided. A sensor assembly (110) is configured to wirelessly receive a sensor interrogation signal, determine an input power level of the sensor interrogation signal, and transmit a message including the determined power level. The system also includes a sensor controller (108) configured to transmit a sensor interrogation signal determine an output power of the transmitted sensor interrogation signal at a plurality of frequencies, receive an indication of the received input power level of the sensor interrogation signal from the sensor assembly at the plurality of frequencies, compare the transmitted output power of the sensor interrogation signal to the received power indication, and select a transmit frequency for transmitting messages between the senor assembly (110) and the sensor controller (108) based on the comparison.

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

(22) Date of filing of Application :23/01/2012

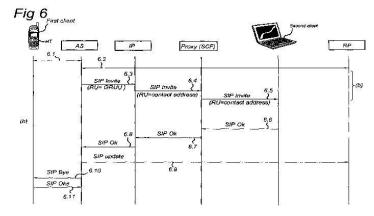
(43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD FOR TRANSFERRING A COMMUNICATION SESSION IN A TELECOMMUNICATIONS NETWORK FROM A FIRST CONNECTION TO A SECOND CONNECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04M 3/58 :NA :NA :NA :NA :PCT/EP2009/059516 :23/07/2009 :WO 2011/009490 :NA :NA :NA	(71)Name of Applicant:  1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)NOLDUS, ROGIER 2)DERKSEN, SJAAK
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#### (57) Abstract:

The invention relates to an application server in a telecommunications network for transferring a communication session from a first connection between a first client and a remote client to a second connection between a second client and the remote client. The communication session comprises a media path and a signalling path. The application server being arranged to a) receive a transfer request, b) send a set-up request to the second client, for setting up the second connection, c1) transfer the signalling path, c2) transfer the media path, d) send an update message towards the remote party, the update message comprising an indication that the transfer has been executed, and e) send a termination message to the first client to terminate the first connection.



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

(21) Application No.758/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A TAMPER PROOF CAP FOR BOTTLES

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)KSHITIJ JAIN
(32) Priority Date	:NA	Address of Applicant :BG/46 East Shalimar Bagh Delhi
(33) Name of priority country	:NA	Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KSHITIJ JAIN
(87) 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 tamper proof cap for bottles is disclosed. The cap can be converted into a tamper proof non-refillable cap. The cap non-refillable tamper proof cap comprises an outer shell a closure device a cylindrical body a stopper device with glass ball and pourer device. In the closed position the outer shell of the cap covers the neck of the bottle and encloses cylindrical body irreversibly attached to the bottle neck and enclosing a glass ball with stopper device on top of the cylindrical body there would be a closure device enclosing the pourer device and screwed with opposite rings on the cylindrical body. The tamper proof cap does not allow any tampering or refilling of the liquid/liquor in the bottle.

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

(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ALCOHOL PRODUCTION PROCESS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12P 7/06 :61/222,290 :02/07/2009 :U.S.A. :PCT/NZ2010/000136 :02/07/2010 :WO 2011/002318 :NA :NA :NA	(71)Name of Applicant:  1)LANZATECH NEW ZEALAND LIMITED Address of Applicant: 24 BALFOUR ROAD, PARNELL, AUCKLAND 1052, NEW ZEALAND New Zealand (72)Name of Inventor: 1)BARKER, WILL, DAVID 2)HEIJSTRA, BJORN, DANIEL 3)CHAN, WING, CHUEN 4)MIHALCEA, CHRISTOPHE, DANIEL 5)TRAN, PHUONG, LOAN 6)COLLET, CHRISTOPHE 7)BROMLEY, JASON, CARL 8)AL-SINAWAI, BAKIR
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### (57) Abstract:

The invention relates to the production of products such as alcohols and acids by microbial fermentation, particularly microbial fermentation of substrates comprising CO. It more particularly relates to methods and systems for improving efficiency of production products by microbial fermentation. In particular embodiments, the invention provides a method of controlling substrate supply, such that production of desired metabolites is optimised.

No. of Pages: 69 No. of Claims: 27

(21) Application No.662/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : PROCESS FOR PREPARATION OF GAMMA VALEROLACTONE VIA CATALYTIC HYDROGENATION OF LEVULINIC ACID

(51) International along 6" and an	.007.0	(71)None of April 2004
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)CHANDRASHEKHAR VASANT RODE
(61) Patent of Addition to Application Number	:NA	2)AMOL MAHALINGAPPA HENGNE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An industrially viable process for selective preparation of y- valerolactone using recyclable non noble metal catalyst is provided. This process provides 80-100% conversion to yvalerolactone, with selectivity in the range of 80-100%.

No. of Pages: 30 No. of Claims: 7

(21) Application No.759/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: Anti-slosh waveguide and transducers wetting protection arrangement for ultrasonic sensors and method thereof.

	GUE	
(51) International classification	:GIIB	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Sanjeev Kumar
(32) Priority Date	:NA	Address of Applicant:1201 URBAN ESTATE PHASE-1
(33) Name of priority country	:NA	JALANDHAR PUNJAB. India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sanjeev 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:

An anti-slosh waveguide and transducerTMs wetting protection arrangement for ultrasonic sensor comprises; a tubular waveguide (1) disposed with a plurality hollow sections (9) running throughout its length with different diameters and shapes and immersed in the fluid whose level is required to be monitored. The plurality hollow sections(9) divides the surface exposed to the ultrasonic transducer into plurality smaller surfaces which under the influence of external forces produce corresponding very low level of slosh in each segment hence the net slosh produced becomes significantly lower for the ultrasonic sensor to make precision measurements. The tubular waveguide (1) is thereby able to reduce the slosh and keep the ultrasonic transducer (7) away from getting wet. Thereby enabling precision measurements of the fluid level to be taken even under extreme slosh and vibrations effectively and reliably.

No. of Pages: 14 No. of Claims: 12

(21) Application No.790/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : BATTERY CHARGING APPARATUS WITH A COMMON CONTROL LOOP FOR A LOW DROPOUT VOLTAGE REGULATOR AND A BOOST REGULATOR

Filing Date :NA  (62) Divisional to Application Number :NA	(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date : NA  Signature (14)  Signature (14	1)O2 MICRO, INC. Address of Applicant :3118 PATRICK HENRY DRIVE S.A. SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF ARMERICA U.S.A. (72)Name of Inventor : 1)GUOYONG GUO 2)DAN NIE
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#### (57) Abstract:

A flexible dual mode battery charger that charges a battery in two different modes, depending on the difference between the adapter voltage and the battery voltage, with a smooth transition between these two modes and the charging current remains relatively constant during the transition is provided in this application. At a lower battery level, the dual mode battery charger charges the battery as a LDO charger and when battery voltage is very close to the adapter voltage, the charger migrates its operating mode from the LDO mode to the boost mode and charges the battery as a boost charger. This flexible battery charger uses one common control circuit for controlling the operations of the LDO charger and the boost charger. The switching operation from one operation mode to other operation mode is smooth.

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

(22) Date of filing of Application :22/07/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: MULTI REFLECTION MASS SPECTROMETER

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:1201405.6	1)THERMO FISHER SCIENTIFIC (BREMEN) GMBH
(32) Priority Date	:27/01/2012	Address of Applicant :Hanna Kunath Str. 11 28199 Bremen
(33) Name of priority country	:U.K.	Germany
(86) International Application No	:PCT/EP2013/051103	(72)Name of Inventor:
Filing Date	:22/01/2013	1)GRINFELD Dmitry
(87) International Publication No	:WO 2013/110588	2)MAKAROV Alexander
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A multi reflection mass spectrometer comprising two ion optical mirrors each mirror elongated generally along a drift direction (Y) each mirror opposing the other in an X direction and having a space therebetween the X direction being orthogonal to Y; the mass spectrometer further comprising one or more compensation electrodes each electrode being located in or adjacent the space extending between the opposing mirrors; the compensation electrodes being configured and electrically biased in use so as to produce in at least a portion of the space extending between the mirrors an electrical potential offset which: (i) varies as a function of the distance along the drift length and/or; (ii) has a different extent in the X direction as a function of the distance along the drift length. In use ions oscillate between the opposing mirrors whilst proceeding along a drift length in the Y direction. Associated methods of mass spectrometry are provided. The compensation electrodes may be electrically biased such that the distance between subsequent points at which the ions turn in the Y direction changes monotonously with Y during at least a part of the motion of the ions along the drift direction. In a preferred embodiment the period of ion oscillation between the mirrors is not substantially constant along the whole of the drift length.

No. of Pages: 96 No. of Claims: 41

(21) Application No.6161/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 21/08/2015

# (54) Title of the invention : LED LAMP LIGHTING DEVICE INCLUDING LED LAMP AND METHOD FOR CONTROLLING ELECTRIC CURRENT OF LED LAMP

(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	:H01L33/00,F21S2/00,H05B37/02 :NA :NA :NA :PCT/JP2012/077644 :25/10/2012 :WO 2014/064813 :NA :NA	(71)Name of Applicant:  1)M SYSTEM CO. LTD.  Address of Applicant: 14 26 Hannan cho 4 chome Abeno ku Osaka shi Osaka 5450021 Japan (72)Name of Inventor:  1)MIYAMICHI Saburo
Number	:NA :NA	

## (57) Abstract:

An LED lamp (20) according to an embodiment of the present invention includes a pair of input terminal units (20a 20c) a rectification circuit unit (22) and a LED light emitting unit (24) the LED lamp (20) having: a variable inductance unit (L50 L60) for causing an alternating current to be passed via the rectification circuit unit (22) from one input terminal unit of either of the input terminal units (20a 20c) to the other input terminal unit; an electric current detecting unit (31) for detecting the magnitude of the alternating electric current passed to the LED light emitting unit (24); and an inductance variation control unit (32) for varying the inductance value of the variable inductance unit (L50 L60) in response to the size magnitude of the alternating electric current detected by the an electric current detecting unit (31).

No. of Pages: 82 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: AIR CONDITIONING APPARATUS

(51) International classification :E (31) Priority Document No :2 (32) Priority Date :2 (33) Name of priority country :J. (86) International Application No :N Filing Date :N (87) International Publication No :I (61) Patent of Addition to Application Number Filing Date :N (62) Divisional to Application Number :2 Filed on :0
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(21) Application No.692/DEL/2012 A

### (57) Abstract:

An Air Conditioning apparatus is disclosed. The air conditioning apparatus is provided with an indoor unit which includes an air suction port, an air blow port, an indoor heat-exchanger, a blower fan for blowing indoor air, sucked through the air suction port, from the air blow port through the indoor heat-exchanger, an infrared sensor for detecting the presence of a person present in a room, a lateral wind direction plate, and a vertical wind direction plate, the lateral and vertical wind direction plates being arranged in the air blow port, wherein a position of the person present in the room is estimated on the basis of information from the infrared sensor which is gradually shielded.

No. of Pages: 76 No. of Claims: 2

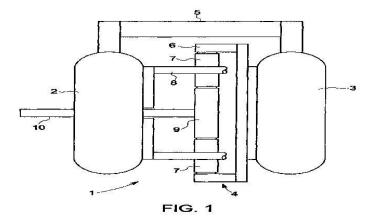
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: HIGH INTEGRITY ROTARY ACTUATOR AND METHOD OF OPERATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B23B :1105478.0 :31/03/2011 :U.K. :NA :NA :NA :NA :NA :NA	,
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### (57) Abstract:

An actuator (1) for an aircraft comprises first (2) and second (3) drive means and an actuator output (10), which are interconnected by a gear assembly (4), by means of which: the actuator output (10) is driveable by the first drive means (2) independently of the second drive means (3); and the actuator output (10) is driveable by the second drive means (3) independently of the first drive means (2); and the actuator output (10) is driveable by the first and second drive means (2,3) in combination. The gear assembly (4) comprises a set of planetary gears. (Figure 1)



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

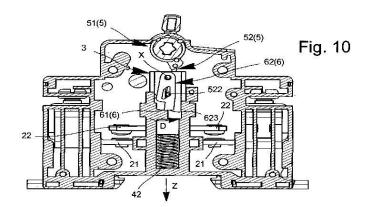
(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: DEVICE TO INTERRUPT ELECTRICAL CURRENT WITH A SIMPLIFIED STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:H01J :1153599 :27/04/2011 :France :NA	LATTRE-DE-TASSIGNY, 87000 LIMOGES, FRANCE. France 2)LEGRAND SNC
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	(72)Name of Inventor: 1)BENJAMIN LECLERCQ 2)JEAN-LUC EVRARD
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a device for interrupting electrical current, such as a switch-disconnector, comprising a case (1), a stationary contact (21), a sliding carriage (3) carrying a mobile contact (22), actuating means (5) to move the carriage by making the mobile contact near the stationary contact, and retaining means (6) to transitorily retain the carriage in a position for which the stationary and mobile contacts are separated from each other while the actuating means compress a spring, then to suddenly free the carriage and make it possible for a reciprocal pressing of the stationary and mobile contacts. According to the invention, the retaining means comprise a case shoulder (61) and a pawl (62) pivotally mounted on the carriage (3), the pawl cooperating with the shoulder in order to retain the carriage during the compression of the spring, and being subjected to a swiveling making it possible for it to move away from the shoulder once the spring is sufficiently compressed.



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

(22) Date of filing of Application :23/01/2012

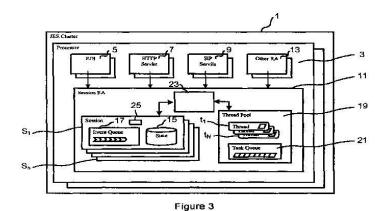
(43) Publication Date: 21/08/2015

# (54) Title of the invention : APPARATUS AND METHOD FOR PROCESSING EVENTS IN A TELECOMMUNICATIONS NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F 9/46 :NA :NA :NA :NA :PCT/EP2009/059753 :28/07/2009 :WO 2011/012157 :NA :NA :NA	(71)Name of Applicant:  1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)ZWAAL, FREDERIK HUGO
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#### (57) Abstract:

A processing platform, for example a Java Enterprise Edition (JEE) platform comprises a JEE cluster (1) having a plurality of processors (3), which include a resource adapter (11) for handling events associated with one or more application sessions Si to Sn. Each application session Si to Sn comprises a session state (15) and an event queue (17), the event queue (17) containing a list of events to be executed for a particular one of the sessions S1 to Sn. A thread pool (19) comprises one or more processing threads t1 to tN for enabling the processor (3) to perform multiple tasks in parallel. The thread pool (19) comprises a task queue (21) containing the tasks to be executed by the processing threads t1 to tN. The resource adapter (11) comprises a synchronising unit (23) for controlling how the plurality of threads t1 to tN from the thread pool handle the events in the plurality of application sessions S1 to Sn. In particular, the synchronising unit (23) is configured such that only one event queued in an event queue (17) has a task scheduled thereto in the task queue (21), thereby preventing more than one event from a particular event queue of an application session being executed in parallel.



No. of Pages: 32 No. of Claims: 18

(21) Application No.693/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: NOVEL PROCESS FOR THE SYNTHESIS OF AZILSARTAN MEDOXOMIL

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PANACEA BIOTEC LIMITED
(32) Priority Date	:NA	Address of Applicant :B-1 EXTN. A/27MOHAN CO-
(33) Name of priority country	:NA	OPERATIVE, INDUSTRIAL ESTATE, MATHURA ROAD,
(86) International Application No	:NA	NEW DELHI 110044 Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)JAIN, RAJESH PUNNA
(61) Patent of Addition to Application Number	:NA	2)SATYANARAYANA RAO
Filing Date	:NA	3)JAGADEESHWAR SIRIPRAGADA
(62) Divisional to Application Number	:NA	4)MAHENDER RAO
Filing Date	:NA	

## (57) Abstract:

The present invention is related to the field of synthetic chemistry. It is related to process of synthesis of Azilsartan Medoxomil and its pharmaceutically acceptable salts. The present invention also relates to intermediates useful in the preparation of Azilsartan Medoxomil.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :23/01/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention: A BROADBAND HF ANTENNA INTEGRATED ON A NAVAL SHIP

(51) International classification	:H01Q 1/34	(71)Name of Applicant :
(31) Priority Document No	:09166285.8	1)THALES NEDERLAND B.V.
(32) Priority Date	:23/07/2009	Address of Applicant: ZUIDELIJKE HAVENWEG 40, NL-
(33) Name of priority country	:EUROPEAN	7550 GD HENGELO, THE NETHERLANDS Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/060711	1)MAARTEN CLEMENT
Filing Date	:23/07/2010	2)JAN MARTINUS SCHOUTEN
(87) International Publication No	:WO 2011/009940	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

There is disclosed a broadband HF antenna, which is fully integrated on a naval ship. This antenna enables to transmit and/or receive radio-frequency waves from a naval ship. The antenna comprises a radiating element and an exciting element. The exciting element excites the radiating element when fed with current. The radiating element is a structural element of the ship itself.

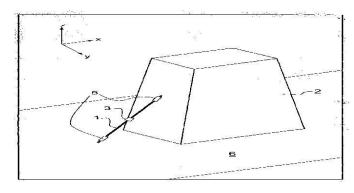


FIG.1

No. of Pages: 19 No. of Claims: 14

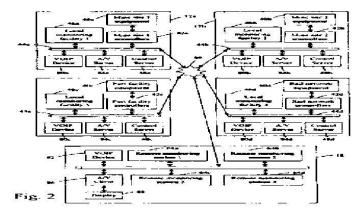
(22) Date of filing of Application :03/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A MINE OPERATION MONITORING SYSTEM

(51) International classification	:F21C 41/00	(71)Name of Applicant:
(31) Priority Document No	:2009902732	1)TECHNOLOGICAL RESOURCES PTY LIMITED
(32) Priority Date	:12/06/2009	Address of Applicant :120 COLLINS STREET,
(33) Name of priority country	:Australia	MELBOURNE VICTORIA 3000, AUSTRALIA Australia
(86) International Application No	:PCT/AU2010/000733	(72)Name of Inventor:
Filing Date	:14/06/2010	1)SCHWEIKART, VICTOR
(87) International Publication No	:WO 2010/142002	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A mine operation monitoring system is disclosed which comprises a plurality of mine equipment interfaces, each mine equipment interface being located at a mine operation and being associated with at least one item of mine equipment, and each mine equipment interface being arranged to monitor operation of the at least one associated item of mine equipment. The system also comprises a plurality of remote monitoring stations remotely located relative to the mine operations at a remote monitoring facility, each remote monitoring station being arranged to communicate with at least one equipment interface associated with a different mine operation so as to monitor operation of at least one item of mine equipment associated with said at least one equipment interface from the remote locations. The system also comprises a plurality of local monitoring stations, each local monitoring station being located at a mine operation, and being arranged to communicate with the at least one mine equipment interface associated with the mine operation so as to monitor operation of the at least one item of equipment associated with said at least one equipment interface from the mine operation. The system also comprises a communications network arranged to facilitate communications between the equipment interfaces, the local monitoring stations and the remote monitoring stations. The system enables a plurality of items of equipment associated with multiple mine operations to be monitorable either from the remote monitoring facility or from respective local monitoring stations.



No. of Pages: 58 No. of Claims: 79

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: CONDUCTIVE PATTERN FILM SUBSTRATE AND MANUFACTURING METHOD

		(71)Name of Applicant :
		1)CHANG, JACKY
(51) International classification	:C07C	Address of Applicant :2F., NO.6, GUOSHENG 2ND ST.,
(31) Priority Document No	:NA	TAOYUAN CITY, TAOYUAN COUNTRY 330, TAIWAN,
(32) Priority Date	:NA	REPUBLIC OF CHINA China
(33) Name of priority country	:NA	2)WU, SHOU-BAO
(86) International Application No	:NA	3)LU, CHAO-FU
Filing Date	:NA	4)TING, CHIEN-CHUN
(87) International Publication No	:NA	5)HO, YI-SHUEH
(61) Patent of Addition to Application Number	:NA	6)LIN, ERIC
Filing Date	:NA	7)LIU, SONG-JHE
(62) Divisional to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHANG, JACKY
-		2)WU, SHOU-BAO
		3)LU, CHAO-FU

### (57) Abstract:

A conductive pattern film substrate and manufacturing method for combining two anisotropic materials, namely a patterned body and a film layer, without assistance from an intermediate layer. The method includes producing a thermal spraying source for performing a heating operation on a film material to prepare the film material for thermal spraying or semi-thermal spraying and thereby decompose the film material into film particles; and spraying the film particles to a pattern layer disposed on the body and having the pattern by the thermal spraying source to form the film layer having the film particle on the pattern layer, thereby enabling the body to embody electrical characteristics of the pattern.

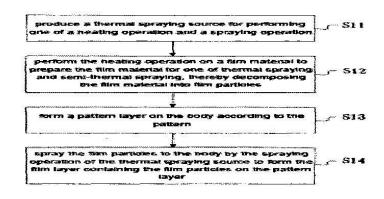


FIG.1

No. of Pages: 21 No. of Claims: 12

(21) Application No.826/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING PHENTERMINE AND TOPIRAMATE

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RANBAXY LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant:12TH FLOOR, DEVIKA TOWER, 6,
(33) Name of priority country	:NA	NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANUJ KUMAR FANDA
(87) International Publication No	:NA	2)KUMARAVEL VIVEK
(61) Patent of Addition to Application Number	:NA	3)RAVISH SHARMA
Filing Date	:NA	4)ROMI BARAT SINGH
(62) Divisional to Application Number	:NA	5)AJAY KUMAR SINGLA
Filing Date	:NA	

## (57) Abstract:

This invention relates to a pharmaceutical composition comprising a combination of phentennine in an immediate release form and topiramate in an extended release form. Further, it relates to processes for the preparation of the composition and the method of using the composition.

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

(21) Application No.682/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: CATHETER WITH VALVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B64D :2011- 050890 :08/03/2011 :Japan :NA :NA :NA	(71)Name of Applicant:  1)TYCO HEALTHCARE GROUP LP Address of Applicant:15 Hampshire Street Mansfield Massachusetts 02048 U.S.A. (72)Name of Inventor: 1)TANAKA Takashi 2)WATANABE Motonori 3)HORI Masashige
(87) International Publication No	: NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A catheter with a valve is disclosed that allows smooth flow of a solution in both directions when a solution is flowing from the inside of a catheter towards the outside of a catheter and when a solution is flowing from the outside of a catheter towards the inside of a catheter. The catheter includes a tubular body 12 made of an elastic and flexible synthetic resin material. The catheter is equipped with a valve B1 having a slit 16 that can be opened and closed passing through the outer surface 12b of the tubular body from the inner surface 12a of the tubular body. The catheter is also provided with the movable wall 15 sunken towards the inside of the tubular body 12 at an end tip member region 14 of the tubular body 12. The location where the movable wall 15 exists has a structure with differences in hardness in the thickness direction of the tubular body 12. In the cross-sectional surface perpendicular to the center axis C1 of the tubular body 12, the movable wall 15 has a wall central member P1 located at a position close to the center axis C1 and a movable wall tip member P2 located at a position far from the center axis C1. The slit 16, is formed on the movable wall tip member P2. [Selected figure] Fig. 2

No. of Pages: 24 No. of Claims: 4

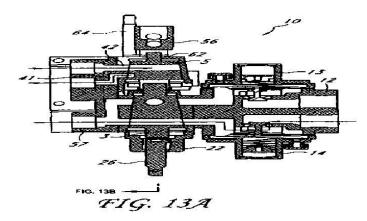
(22) Date of filing of Application :23/01/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A DUAL FUEL HEATING SOURCE

(51) International classification	:F23C 1/08	(71)Name of Applicant:
(31) Priority Document No	:61/221,529	1)DENG, DAVID
(32) Priority Date	:29/06/2009	Address of Applicant :23622 RIDGELINE ROAD,
(33) Name of priority country	:U.S.A.	DIAMOND BAR, CA 91765, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/039687	(72)Name of Inventor:
Filing Date	:23/06/2010	1)DENG, DAVID
(87) International Publication No	:WO 2011/002655	
(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 dual fuel heating source (10) can have a dual entry valve unit (3) with a main body at least partially defining a certain flow paths or channels therethrough. The dual entry valve can have first and second inlets and first and second outlets. The dual fuel heating source may also include a pressure regulator (12), an exit valve (5), a control valve (59) and/or a manifold connected to the dual entry valve unit.



No. of Pages: 87 No. of Claims: 12

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SYSTEMS AND METHODS FOR FORECASTING ELECTRICAL LOAD

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G09D :13/075618 :30/03/2011 :U.S.A.	
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)MCMULLIN, DALE ROBERT
(87) International Publication No	:NA	2)CAIRD, KENNETH JAMES
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Systems (100) and methods for forecasting electrical load are provided. A baseline load forecast for a future time period may be determined (210) by a forecasting system associated with a power utility (135). As desired, the forecasting system may include one or more computers. Information associated with at least one of (i) a scheduled demand for the future time period or (ii) a planned outage associated with the future time period may be determined (210) by the forecasting system. Based at least in part on the determined information, the forecasting system may modify (215) the baseline load forecast. Based at least in part on the modified baseline load forecast, the forecasting system may generate (220) a bid contract for the future time period.

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

(21) Application No.731/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: NOVEL CURCUMIN-DRUG CONJUGATES •

(51) International classification :A61	K (71)Name of Applicant :
(31) Priority Document No :NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date :NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country :NA	Address of Applicant :Sector-67 S.A.S. Nagar Mohali
(86) International Application No :NA	Punjab India India
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	2)SARASIJA SURESH
Filing Date :NA	3)MANJINDER SINGH GILL
(62) Divisional to Application Number :NA	S)WINGENDER SHIGH GILL
Filing Date :NA	

## (57) Abstract:

The present invention envisages the development of Curcumin-Drug conjugates with an aim of improving the bioavailability of Curcumin with simultaneous synergistic activity and possible decrease in dose and the toxicity of conjugating drug.

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H03G :2011064511 :23/03/2011 :Japan :NA :NA	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN Japan (72)Name of Inventor:  1)MASAMI OGATA 2)TAKAFUMI MORIFUJI
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	3)SUGURU USHIKI
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A method, apparatus, and computer-readable storage medium for adjusting display of a three-dimensional image is provided. The method includes receiving a viewing condition associated with an image being viewed by a user, determining, by a processor, a conversion characteristic based on the viewing condition, adjusting, by the processor, a display condition of the image based on the conversion characteristic.

No. of Pages: 83 No. of Claims: 20

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention : DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION OF ISOFORM SELECTIVE ANALOGS OF LIPHAGANE SCAFFOLD AS ANSTICANCER AGENTS: P13K-ALPHA/BETA INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12N :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. Delhi India (72)Name of Inventor: 1)RAM A VISHWAKARMA 2)SANGHAPAL DAMODHAR SAWANT 3)PARVINDER PAL SINGH 4)ABID HAMID DAR 5)PARDUMAN RAJ SHARMA 6)AJIT KUMAR SAXENA 7)AMIT NARGOTRA 8)KOLLURUNAJANE YAARAVID KUMAR 9)MUDDUDDLA RAMESH 10)ASIF KHURSHID QAZI 11)ASHIQ HUSSAIN 12)NAYAN CHANAURIA
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### (57) Abstract:

The analogs of meroterpenoid liphagane scaffold have been designed, synthesized and its biological evaluation results for anticancer activity by inhibiting PI3K pathway is presented in this invention. The field of invention for this work relates and covers the development of novel PI3K- $\alpha$ / inhibitors based on meroterpenoid liphagane scaffold for anticancer activity.

No. of Pages: 78 No. of Claims: 16

(21) Application No.811/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention: DISK FOR HORN OFVEHICLE

(51) International classification  (31) Priority Document No  (32) Priority Date  (33) Name of priority country  (36) International Application No Filing Date  (87) International Publication No (87) International Publication No (87) International Publication No (88) Patent of Addition to Application Number Filing Date  (89) Divisional to Application Number Sind Sind Sind Sind Sind Sind Sind Sind	(71)Name of Applicant:  1)HYUNDAI MOTOR COMPANY Address of Applicant:231, YANGJAE-DONG, SEOCHO- GU, SEOUL 137-938, REPUBLIC OF KOREA. Republic of Korea (72)Name of Inventor: 1)CHAE KI SANG 2)PARK JONG SUH
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## (57) Abstract:

Discloses is a disk for a horn of a vehicle. The disk of the horn has a shape in which the whole region of the disk is divided into a plurality of regions having different vibration characteristics and has a structure in which the plurality of regions are disposed along a circumferential direction of the disk.

No. of Pages: 21 No. of Claims: 7

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD AND PRODUCTION PLANT FOR MANUFACTURING A BEVERAGE PRODUCT

(51) International classification  (31) Priority Document No  (32) Priority Date  (33) Name of priority country  (36) International Application No  Filing Date  (87) International Publication No  (81) Patent of Addition to Application Number  Filing Date  (62) Divisional to Application Number  Filing Date  (83) Name of priority country  Segrman  Sina  Sina	NEUTRAUBLING GERMANY Germany
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## (57) Abstract:

The invention comprises a method of manufacturing a beverage product, comprising mixing at least two product flows, wherein at least one of the at least two product flows is sterilized before mixing without heating. FIG. 1

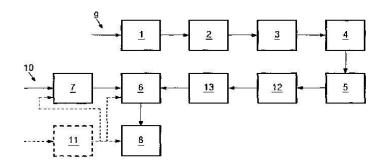


FIG. 1

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

(21) Application No.830/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: AUTOMATIC WINDER

(51) International classification  (31) Priority Document No  (32) Priority Date  (33) Name of priority country  (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  (83) International Publication No  (84) International Publication No  (85) International Publication No  (86) Patent of Addition to Application Number  Filing Date  (86) International Publication No  (87) International Publication No  (88) International Publication No  (89) International Publication No  (80) International Publication No  (81) International Publication No  (81) International Publication No  (81) International Publication No  (82) International Publication No  (83) International Application No  (84) International Publication No  (85) International Publication No  (86) International Application No  (87) International Publication No  (87) International Publication No  (87) International Publication No  (88) International Publication No  (89) International Publication No  (80) International Publication No  (81) International Publication No  (81) International Publication No  (81) International Publication No  (82) International Publication No  (83) International Publication No  (84) International Publication No  (87) International Publication No  (88) International Publication No  (87) International Publication No  (88) International Publication No  (89) International Publication No  (80) International Publication No  (81) International Publication No  (81) International Publication No  (82) International Publication No  (83) International Publication No  (84) International Publication No  (85) International Publication No  (86) International Publication No  (8	(71)Name of Applicant:  1)MURATA MACHINERY LTD.  Address of Applicant: 3 MINAMI OCHIAI-CHO,  KISSHOIN, MANAMI-KU, KYOTO-SHI, KYOTO 601-8326, JAPAN Japan (72)Name of Inventor:  1)KAWAMOTO KENJI
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#### (57) Abstract:

An automatic winder (100) includes a plurality of winding devices (10) adapted to wind a yarn Y from a yarn supplying bobbin (B1) to form a package P by automatic operation; and a machine base control main body (5) adapted to control an operation of the plurality of winding devices (10). The winding device (10) includes an automatic operation switch (12) adapted to switch execution or stop of a winding operation by automatic operation, and the machine base control main body (5) includes a control section (50) adapted to cause transition to a yarn supplying bobbin preparing mode realizing a state in which a preparing operation of the yarn supplying bobbin (B1) is executable regardless of a switching state of the automatic operation switch (12) of the plurality of winding devices (10).

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

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: AN IMPROVED CONSERVATION TILLAGE MACHINE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA	(71)Name of Applicant: 1)G. B. PANT UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :PANTNAGAR-263145, DISTRICT-
(86) International Application No	:NA	U.S. NAGAR, UTTARAKHAND Uttarakhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DR. TARA CHANDRA THAKUR
(61) Patent of Addition to Application Number	:NA	2)KARUNA MURMU
Filing Date	:NA	3)SHYAM PRASAD DHYANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention is related to a Conservation Tillage Combine for deep tilling of soil up to 250 mm depth and simultaneous application of fertilizers and micro-nutrients in bands directly into the root zone of crops at the tilling depths. It pulverizes the clods, consolidates the soil and leaves a completely leveled field surface after operation either in bare fields or fields with chopped/anchored rice or wheat residues, thereby making it the most appropriate machine for soil cultivation in laser leveled fields. In deep soil loosening conservation tillage combine, the best mounting angle of inclined leg (45° rake angle) winged chisel tines should be limited to 45° imaginary V-lines with the central longitudinal axis of the frame. This positioning of winged chisel tines has resulted in minimum draft, maximum area of soil disturbance and minimum specific draft/resistance. Further, by adjusting the spacing between the tines such that they could operate within the tractor rear tyres, the developed machine could be used as a controlled field traffic machine for better traction and for avoiding recompaction of tilled soil. It has been designed to cultivate the soil for root bed preparation and deep fertilizer placement at the tilling depths immediately behind the rear wheels of a tractor, and the operation eliminating recompaction of tilled soil with improved traction of tractor wheels which travel on untilled soil. [Fig. 1(a)]

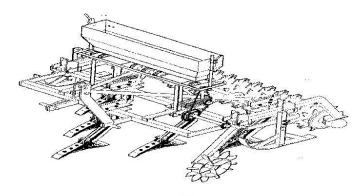


Fig. 1 (a

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

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A WORKING MACHINE HITCH ARRANGEMENT

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:GB 1104719.8	1)J. C. BAMFORD EXCAVATORS LIMITED Address of Applicant :LAKESIDE WORKS, ROCESTER,
(32) Priority Date	:21/03/2011	UTTOEXETER, STAFFORDSHIRE, ST14 5JP, U.K. U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:NA	1)BETTANY, DOMONIC
Filing Date	:NA	2)PILCHER, MILES
(87) 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 working machine comprising: a working arm; a hitch arrangement attached to the working arm and configured to be removably secured to a working implement; one or more sensors configured to determine an orientation of a working implement secured to the hitch arrangement and to output a signal indicative of the orientation of a working implement secured to the hitch arrangement with respect to gravity; and a control module configured to receive the signal from the one or more sensors and to perform a safety function in response to receipt of the signal such that the safety function is performed if the orientation of a working implement secured to the hitch arrangement with respect to gravity is an unpermitted orientation.

No. of Pages: 44 No. of Claims: 14

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MULTI-COMPONENT CRYSTALLINE FORM OF OXCARBAZEPINE

:A61K	(71)Name of Applicant :
:NA	1)Panjab University
:NA	Address of Applicant : Chandigarh-160014 India. Punjab India
:NA	(72)Name of Inventor:
:NA	1)Renu Chadha
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

## (57) Abstract:

The present invention relates to a novel multicomponent crystalline form of oxcarbazepine an anti-epileptic agent used to treat partial seizures. This form comprises of a solvated cocrystal of oxcarbazepine with succinic acid. It was prepared by solution crystallization method using a mixture of methanol and chloroform as solvent. The structure of the titled compound has been given. In the unit ceil there are eight host (drug) molecules four succinic acid molecules and four chloroform molecules i.e the ratio of drug: acid: solvent is 2:1:1. The invention also describes the conversion of this solvated co-crystal into its desolvated co-crystal form without disturbing the original crystal lattice. Efficacy of this desolvated co-crystal was proved by improved aqueous solubility dissolution profile and invivo absorption that resulted in lowering of EDSO value in comparison with pure drug.

No. of Pages: 34 No. of Claims: 14

(21) Application No.730/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: TRAFFIC MANAGEMENT IN COMMUNICATION NETWORKS

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant: 3 avenue Octave Grard Paris 75007
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JEYACHANDRAN KP
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	I)JEYACHANDKAN KP

## (57) Abstract:

The present subject matter discloses systems and methods for traffic management in communication networks. In one implementation the method comprises determining a network impact situation based on at least one impact parameter retrieving a bandwidth profile on determining the network impact situation and allocating available network resources to at least one subscriber of a service provider of the communication network based on the bandwidth profile. << To be published with Figure 1 >>

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

(21) Application No.797/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : SEQUENTIAL ALPHA-FUNCTIONALIZATION AND REDUCTIVE CYCLIZATION PROCESS: A FACILE ENANTISOSELECTIVE ENTRY TO CHIRAL 3-SUBSTITUTED TETRAHYDOQUINOLINE DERIVATIVES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)VARUN RAWAT
(61) Patent of Addition to Application Number	:NA	2)SENTHIL KUMAR BOOPATHI
Filing Date	:NA	3)SUDALAI ARUMUGAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to a new and concise method for the construction of chiral 3-substituted tetrahydroquinoline derivatives based on L-proline catalyzed asymmetric a-functionalization of aldehyde, followed by reductive cyclization of nitro group under catalytic hydrogenation condition with high optical purities.

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

(21) Application No.814/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING INTERNAL TEMPERATURE OF ELECTRONIC COMPONENTS

	11020	
(51) International classification	:H03G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHLEON AUTOMOTIVE LTD.
(32) Priority Date	:NA	Address of Applicant :TEKNIIKANTIE-21, 2150 ESPOO,
(33) Name of priority country	:NA	FINLAND. Finland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JUHA SUNDELIN
(87) International Publication No	:NA	2)TUOMO VUOPALA
(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 system and a method for controlling and maintaining the internal temperature of the electronic components within the operating temperature range. More particularly, the present invention pertains to controlling and maintaining the internal temperature of electronic components within the operating temperature range by temperature compensation mechanism among a plurality of electronic components in a device without any external heating aid or high grade electronic components. The present invention thus provides a simple and cost effective means of controlling internal temperature of electronic components.

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

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: IMPROVED ANAEROBIC DIGESTER FOR HOUSEHOLD ORGANIC WASTES

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)VATTACKATT BALAKRISHNAN MANILAL
(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 provided a compact anaerobic digestion system to converts household waste biomass materials to methane rich biogas and concentrated compost slurry of about 9 to 40% solids for agriculture soil applications. The horizontal anaerobic digester vessel comprising a horizontal vessel provided with insulation and preferably cylindrical at the bottom, fitted inside of the said vessel is at least one shaft with 4-100 radial or horizontal or diagonal baffles at equal distribution, and attached with a handle or wheel outside the vessel to rotate the shaft from outside, the said vessel being provided with minimum of one port at one end for introducing the raw biomass wastes and another set of ports for discharging stabilized wastes at the opposite end, and having one valve-controlled gas port of above the level of the said port for discharging stabilized wastes, a small hand operated shredder coupled to the digester vessel for shredding/cutting/crushing large and hard solids such as bones to get particles preferably lesser than 10 mm sizes. The waste falls inside the digester and gets mixed slowly while being fed by rotating the handle attached to a shaft having baffles inside the digester.

No. of Pages: 28 No. of Claims: 9

(22) Date of filing of Application :13/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: BATTERY MANAGEMENT SYSTEMS WITH VERTICAL BUS CIRCUITS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01L :13/184,384 :15/07/2011 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	Address of Applicant GLIX PATRICK HENRY DRIVE
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### (57) Abstract:

A battery management chip may include a battery management unit and a vertical bus circuit. The battery management unit can monitor a cell status of multiple cells in a battery module coupled to the battery management chip in response to an instruction from a host processor. The vertical bus circuit may transfer the instruction from the host processor to the battery management unit. The vertical bus circuit may include a first receiver, a command processor and a first transmitter. The first receiver can receive a first pair of differential input data signals. The command processor can process the first pair of differential input data signals. The first transmitter can output a first pair of differential output data signals.

No. of Pages: 36 No. of Claims: 24

(21) Application No.764/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

(54) Title of the invention: DISPLAY.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H03G :2011068153 :25/03/2011 :Japan :NA :NA :NA :NA	(71)Name of Applicant:  1)SONY CORPORATION  Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN Japan (72)Name of Inventor:  1)GORO HAMAGISHI
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A display capable of performing optimum stereoscopic display according to a view position is provided. A display includes: a display section including a plurality of first pixels to a plurality of nth pixels, where n is an integer of 4 or more, and displaying a plurality of perspective images assigned to the first to nth pixels; a detection section detecting a view position of a viewer; and a display control section varying the number of the plurality of perspective images assigned to the first to nth pixels and varying a correspondence relationship between the first to nth pixels and the perspective images, according to the view position of the viewer.

No. of Pages: 46 No. of Claims: 16

(21) Application No.796/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: HYDROCARBON ABSORBING MATERIALS

(51) International classification	:B23C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)INDRANEEL SUHAS ZOPE
(61) Patent of Addition to Application Number	:NA	2)VINAY SONOPANT JOSHI
Filing Date	:NA	3)PREMNATH VENUGOPALAN
(62) Divisional to Application Number	:NA	4)SANGEETA SUNIL HAMBIR
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a composite consisting of saw dust coated with cross linked ethylene propylene diene monomer (EPDM) for selective absorption of spillages of organic wastes such as hydrocarbons and oil spills while not absorbing or showing poor absorption of water and water based compositions. The invention further relates to a process for the preparation of said composite thereof.

No. of Pages: 29 No. of Claims: 26

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ARMATURE WINDING OF ROTATING ELECTRICAL MACHINE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)KABUSHIKI KAISHA TOSHIBA
(31) Friority Document No	066661	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:24/03/2011	MINATO-KU, TOKYO 105-8001, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TADASHI TOKUMASU
Filing Date	:NA	2)TAKASHI UEDA
(87) International Publication No	:NA	3)MASAYUKI ICHIMONJI
(61) Patent of Addition to Application Number	:NA	4)TORU OTAKA
Filing Date	:NA	5)DAISUKE HIRAMATSU
(62) Divisional to Application Number	:NA	6)MIKIO KAKIUCHI
Filing Date	:NA	

### (57) Abstract:

According to one embodiment, there is provided a 3-phase 4-pole 2-layer armature winding of a rotating electrical machine. A winding of each phase of the armature winding forms a series coil. Each series coil includes upper coil pieces and lower coil pieces which are connected each other at a connection side coil end and a counter-connection side coil end, the upper coil pieces and lower coil pieces being placed in 54 slots provided in an armature core. At least one coil piece of the upper and lower coil pieces, provided in at least one of an innermost position and an outermost position from the center of a phase belt of each phase, is replaced with a coil piece of an adjacent phase.

No. of Pages: 44 No. of Claims: 12

(21) Application No.750/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SEAT BACK CONNECTION STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B23B :2011- 090222 :14/04/2011 :Japan :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)SUZUKI MOTOR CORPORATION Address of Applicant:300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA 432-8611 (JP) Japan (72)Name of Inventor:  1)KUROKI, YOUHEI
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#### (57) Abstract:

Disclosed is a seat back connection structure having a plurality of connecting brackets located on a partition panel, a wire-like seat back frame being connected to the plurality of connecting brackets, each of the plurality of connecting brackets having a transverse pair of sidewalls, a first transverse frame of the seat back frame being hooked on upwardly-opened first notches formed in the transverse pair of sidewalls of each of the plurality of connecting brackets, one connecting bracket located at the middle portion in the vehicle width-wise direction having a front wall, and an alignment frame being hooked on an upwardly-opened second notch formed in the front wall, so as to be aligned by the front wall in the vehicle width-wise direction.

No. of Pages: 71 No. of Claims: 14

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: VEHICLE HOOD STRUCTURE

(51) International classification	:B64D	(71)Name of Applicant:
(21) Direit December No.	:2011-	1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA
(31) Priority Document No	133193	Address of Applicant :33-8, SHIBA 5-CHOME, MINATO-
(32) Priority Date	:15/06/2011	KU, TOKYO 108-8410, JAPAN Japan
(33) Name of priority country	:Japan	2)MITSUBISHI JIDOSHA ENGINEERING KABUSHIKI
(86) International Application No	:NA	KAISHA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)KAZUHIRO FUJIO
(61) Patent of Addition to Application Number	:NA	2)AKIYUKI OHNISHI
Filing Date	:NA	2):
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
I ming Date	.11/1	

#### (57) Abstract:

A hood of a vehicle hood structure includes a reinforcement panel. The reinforcement panel has front and rear frame portions and left and right side frame portions, and a lock device. A setback plane portion in which a protruding amount of the side frame portions is partially reduced is formed at a longitudinally central portion of each of the side frame portions. When the hood receives an excessive load as a result of a collision from a front of the vehicle, the setback plane portions of both the side frame portions constitute an initiation point of a bending deformation of the hood. When the hood receives an excessive load as a result of a collision from diagonally in front of the vehicle, the lock device and either of the setback plane portions of the side frame portions constitute an initiation point of a bending deformation of the hood.

No. of Pages: 36 No. of Claims: 4

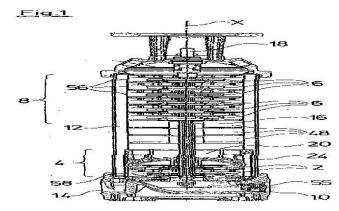
(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MULTISTAGE CENTRIFUGAL PUMP ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	UNION :NA :NA :NA	(71)Name of Applicant:  1)GRUNDFOS MANAGEMENT A/S Address of Applicant:POUL DUE JENSENS VEJ 7-11, 8850  BJERRINGBRO, DENMARK Denmark (72)Name of Inventor: 1)STEEN MIKKELSEN 2)AAGE BRUHN 3)BO MOLLER JENSEN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention relates to a multistage centrifugal pump assembly with at least two impellers (2, 6), wherein two impeller groups (4, 8) which are consecutive in the flow direction and each with at least one impeller (2, 6) are present, wherein backflow channel (24) which connects the exit side of the first impeller group (4) to its entry side is present in a first impeller group (4).



No. of Pages: 17 No. of Claims: 14

(21) Application No.9335/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/10/2012

(43) Publication Date: 21/08/2015

# (54) Title of the invention : RETINALDERIVATIVES AND METHODS FOR THE USE THEREOF FOR THE TREATMENT OF VISUAL DISORDERS.

(51) International classification :A61K 31/22 (31) Priority Document No :60/580,889 (32) Priority Date :18/06/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US05/0 Filing Date :20/06/2005 (87) International Publication No :WO 2006/00 (61) Patent of Addition to Application Number Filing Date :NA Filing Date (62) Divisional to Application Number :7615/DELN Filed on :15/12/2006	1)UNIVERSITY OF WASHINGTON Address of Applicant:4311, 11TH AVENUE, NORTH EAST, SUITE 500, CAMPUS BOX 354990, SEATTLE, WASHINGTON 98105-4608 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)PALCZEWSKI, KRZYSZTOF 2)BATTEN, MATHEW
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(57) Abstract:

Compositions of and methods for using synthetic retinal derivatives as retinoid replacements and opsin agonists are provided.

No. of Pages: 54 No. of Claims: 81

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: PROCESS FOR PREPARATION OF GREEN 6-SHOGAOL FROM GINER RHIZOME EXTRACT

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIA GLYCOLS LIMITED (ENNATURE
(32) Priority Date	:NA	BIOPHARMA DIVISION)
(33) Name of priority country	:NA	Address of Applicant :A-1, INDUSTRIAL AREA, BAZPUR
(86) International Application No	:NA	ROAD, KASHIPUR - 244713, DIST. UDHAM SINGH NAGAR,
Filing Date	:NA	UTTARAKHAND, INDIA Uttarakhand India
(87) International Publication No	:NA	2)BHARTIA, UMA SHANKAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHARTIA, UMA SHANKAR
(62) Divisional to Application Number	:NA	2)KANDPAL, JAI BALLABH
Filing Date	:NA	

#### (57) Abstract:

The present invention provides a simple single pot conversion method of Gingerol to high purity green Shogaol (6-Shogaol )from the ginger rhizome SCF- C02 extract, containing 40-45% Gingerol employing Multiple Separators of Very High Pressure Liquid Carbon dioxide by conducting basic or acidic dehydration, more preferably the conversion by 5-20% acid concentration at 80-90°C and separation of water from the crude shogaol conversion mixture by layer separation and further low pressure SCF- C02 extraction to get crude shogaol from 20-25% & Fractionating the crude Shogaol loaded in extraction vessel into the three separators namely high pressure (H.P). medium pressure (M.P) and low pressure (L.P) separators in series by variable simulation of the pressure and temperature individually between 1 10 bar and 50°C 50 bar and 40°C 40 bar and 20°C respectively and finally High purity green Shogaol is collected from H.P Separator having purity content of 29.3-40%. lower content green Shogaol fraction is collected from M.P Separator and water and some oil are collected from L.P Separator. The green Shogaol and formulation are suitable for its application in pharmaceutical, cosmetic and food industry.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.768/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ILLUMINATION DEVICE AND DISPLAY DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H03G :2011064583 :23/03/2011 :Japan :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN Japan (72)Name of Inventor: 1)KOICHI YAMAMOTO
(87) International Publication No (61) Patent of Addition to Application Number	:NA :NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An illumination device including: a support member accommodating therein a light guiding plate, and having a board placement space in a region where being along a longitudinal direction of an end surface of the light guiding plate, and extending from the end surface side of the light guiding plate to a back surface side thereof; and a light source circuit unit including a bendable circuit board including first and second regions, the first region including light emitting chips, and the second region being formed with a densely-packed portion of a wiring pattern of the light emitting chips. The light source circuit unit is placed in the board placement space after being bent to allow the light emitting chips to face the end surface of the light guiding plate, and to allow the densely-packed portion of the wiring pattern to come on the back surface side of the light guiding plate.

No. of Pages: 31 No. of Claims: 11

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: NATURAL FLUORESCENT DIAMOND ORNAMENT THAT EMITS MULTI-COLOR LIGHT AND HIDDEN TEXT/PATTERN

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B64D :201110071955.2 :24/03/2011	(71)Name of Applicant: 1)LIU, SHU-FEN Address of Applicant: NO.251, WUQUAN RD., NORTH
(33) Name of priority country	:China	DIST., TAICHUNG CITY 404, TAIWAN (R.O.C.) Republic of
(86) International Application No Filing Date	:NA :NA	Korea (72)Name of Inventor :
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	:NA :NA	1)LIU, SHU-FEN
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A natural fluorescent diamond ornament that emits multi-color light and hidden text/pattern includes an ornament base, multiple natural fluorescent diamonds inlaid on the ornament base and multiple natural non-fluorescent diamonds inlaid on the ornament base. Each of the natural fluorescent diamonds and the natural non-fluorescent diamonds is polygonal, refractive, and light-pervious. When exposed under UV light, the multiple natural fluorescent diamonds inlaid on the ornament will emit purplishblue light which is distinct from the light emitted by the natural non-fluorescent diamonds inlaid on the ornament base. When the multiple natural fluorescent diamonds are arranged in a predetermined pattern and exposed to UV light, the natural fluorescent diamonds arranged in the predetermined pattern will emit purplish-blue light to exhibit a creative configuration that is amazingly mysterious and novel.

No. of Pages: 11 No. of Claims: 2

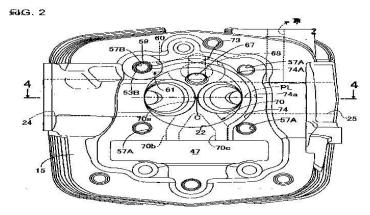
(22) Date of filing of Application :20/03/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: OIL-COOLED ENGINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B64D :2011- 071344 :29/03/2011 :Japan :NA :NA :NA :NA	(71)Name of Applicant:  1)HONDA MOTOR CO., LTD.  Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN. Japan (72)Name of Inventor:  1)YOSHITSUGU GOKAN 2)KATSHJI YAMAMOTO 3)EISUKE KAJIHARA 4)KAZUNORI KIKUCHI
(61) Patent of Addition to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

In an oil-cooled engine including a cooling oil circulating passage for circulating cooling oil, which is provided in an engine body, and a plug peripheral cooling oil passage constituting a part of the cooling oil circulating passage, which is provided in a cylinder head to surround a plug hole, the cooling oil supplied to the plug peripheral cooling oil passage is hardly heated to enhance the cooling performance for the periphery of the plug hole. [Solution] The plug hole 67 is provided in the cylinder head 15 so that the plug hole is, on a projected plan to a plane orthogonal to the axis C of a cylinder bore, disposed on one side of a plane PL including a straight line connecting the centers of the opening parts of an intake port 24 and an exhaust port 25 to a combustion chamber 22, and a cooling oil supply passage 61 constituting a part of the cooling oil circulating passage 50 and connected to an upstream end of the plug peripheral cooling oil passage 68 is disposed on one side of the plane PL and rather closer to the intake port 24 than the exhaust port 25. [Selected Drawing] Fig. 2



No. of Pages: 62 No. of Claims: 14

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

(43) Publication Date: 21/08/2015

# (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF PHENYLALKYLAMINOETHYLSALICYLAMIDE AND INTERMEDIATES THEREOF

	·C07C237/30	(71)Name of Applicant:
(51) International classification	C07C231/12	1)UNICHEM LABORATORIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :UNICHEM BHAVAN, PRABHAT
(32) Priority Date	:NA	ESTATE, OFF S. V. ROAD, JOGESHWARI (W), MUMBAI -
(33) Name of priority country	:NA	400 102, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. DHANANJAY G. SATHE
(87) International Publication No	: NA	2)DR. DNYANESHWAR V. GAWAS
(61) Patent of Addition to Application Number	:NA	3)DR. CHETAN L. SALUNKE
Filing Date	:NA	4)MR. KAPIL R. RAUT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention provides an improved process for preparation of phenylalkylaminoethylsalicylamide, an adrenergic receptor blocking agent from 5-chloroacetyl salicylamide intermediate. The present invention also provides process for preparation of 5-chloroacetyl salicylamide intermediate.

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

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 21/08/2015

:NA

:460/MUMNP/2006

:19/04/2006

### (54) Title of the invention: SAFETY DRUG HANDLING DEVICE.

(51) International classification :B65B 1/04 (71)Name of Applicant: (31) Priority Document No 1)TEVA MEDICAL LTD., :60/516,613 (32) Priority Date Address of Applicant :P.O. BOX 2, 77100 ASHDOD :30/10/2003 ISRAEL. Israel (33) Name of priority country :U.S.A. (86) International Application No :PCT/IL2004/000993 (72)Name of Inventor : Filing Date :29/10/2004 1)KRAUS, MENACHEM (87) International Publication No :WO 2005/041846 2)SHEMESH, ELI (61) Patent of Addition to Application :NA

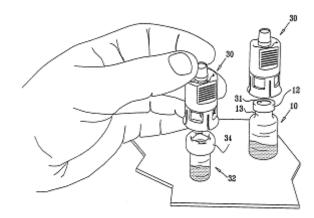
#### (57) Abstract:

Filing Date

Filed on

(62) Divisional to Application Number

A drug mixing system including at least one receptacle port adaptor adapted to be inserted into a port of a fluid receptacle, at least one syringe adaptor adapted to be attached to a syringe and to the at least one receptacle port adaptor and at least one vial adaptor adapted for connection to a vial containing a drug and adapted for connection to the at least one syringe adaptor, the system being characterized in that at least one of the receptacle port adaptor, the at least one syringe adaptor and the at least one vial adaptor being vented to the atmosphere in a manner which prevents release to the atmosphere of possibly harmful contents of the vial in a liquid, solid or gaseous form.



No. of Pages: 182 No. of Claims: 6

(22) Date of filing of Application :30/01/2014

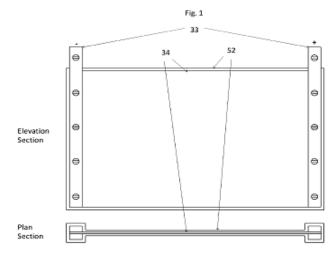
(43) Publication Date: 21/08/2015

# (54) Title of the invention : DEPOSITION CARTRIDGE FOR PRODUCTION MATERIALS VIA THE CHEMICAL VAPOR DEPOSITION PROCESS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:61/504145 :01/07/2011 :U.S.A. :PCT/US2012/045176 :01/07/2012 :WO 2013/006522 :NA :NA	(71)Name of Applicant:  1)GREENLY GROUP FOR SOLAR TECHNOLOGIES LTD.  Address of Applicant: Craigmuir Chambers PO Box 71 Road Town Tortola VG 1110 VIRGIN ISLANDS VIRGIN ISLANDS (72)Name of Inventor:  1)CERAN Kagan
1 (01110 01	:NA :NA :NA	

#### (57) Abstract:

An electrically heated deposition cartridge for use in the production of materials via the chemical vapor deposition process that has (i) a higher ratio of surface area to volume than a seed rod pair (ii) a higher ratio of starting effective deposition surface area to final effective deposition surface area than a seed rod pair and (iii) a higher ratio of effective deposition surface area to gross surface area than a basic deposition plate which are achieved by reaching and maintaining the desired temperatures on all desired surfaces of the deposition cartridge which in turn is achieved by distribution of the desired amount of current through all desired cross sectional areas of the deposition cartridge.



No. of Pages: 35 No. of Claims: 14

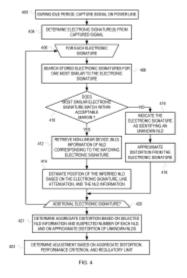
(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: INFERRING PRESENCE AND IDENTITY OF NON LINEAR DEVICES ON A POWERLINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04B3/54 :61/650704 :23/05/2012 :U.S.A. :PCT/US2013/042448 :23/05/2013 :WO 2013/177410 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. U.S.A. (72)Name of Inventor: 1)SHAD Faisal Mahmood 2)YONGE Lawrence Winston III
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A non liner device (NLD) between powerline communication (PLC) devices can introduce significant distortion into the channel being utilized by the PLC devices. This distortion can create errors and corrupt data transmitted by the PLC devices. When trying to mitigate the effects of the distortion introduced by NLDs PLC devices conform their mitigating actions to effectively satisfy a limit(s) set by a regulation and/or a standard. A PLC device implemented in accordance with this disclosure can mitigate the distortion effects with deference to regulatory/standard limits without knowledge of what types of NLDs and how many NLDs are coupled to the power line. A PLC device can use different techniques to infer the presence of an NLD in a PLC network. A PLC device can infer the presence of the NLD using a passive technique or one or more active techniques.



No. of Pages: 47 No. of Claims: 20

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : LAYERED OXIDE CATALYST COMPOSITES FOR PHOTO CATALYTIC REDUCTION OF CARBON DIOXIDE

		(71)Name of Applicant :
(51) I . (	:B01J	
(51) International classification	23/00	Address of Applicant :Hindustan Petroleum Corporation Ltd,
(31) Priority Document No	:NA	Petroleum House, 17 Jamshedji Tata Road, Churchgate, Mumbai
(32) Priority Date	:NA	400020, India Maharashtra India
(33) Name of priority country	:NA	2)Indian Institute of Technology, Madras
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VELU, Jeyalakshmi
(87) International Publication No	: NA	2)KONDA, Krishnamurthy Ramaswamy
(61) Patent of Addition to Application Number	:NA	3)BALASUBRAMANIAN, Viswanathan
Filing Date	:NA	4)KANAPARTHI, Ramesh
(62) Divisional to Application Number	:NA	5)PEDDY, Venkata Chalapathi Rao
Filing Date	:NA	6)NETTEM, Venkateswarlu Choudary
		7)GANDHAM, Sri Ganesh

# (57) Abstract:

LAYERED CATALYST COMPOSITES FOR PHOTO CATALYTIC REDUCTION OF CARBON DIOXIDE Abstract Of The Invention The present invention relates to a catalyst composite based on strontium titanate, modified with elements like N, S, Fe, MgO and Al2O3, incorporated either separately or together. The process for photo catalytic reduction of CO2 comprises reacting carbon dioxide and alkaline water in the presence of the catalyst composite that is irradiated with radiation with wavelength in the range of 300-700 nm to produce lower hydrocarbons and hydrocarbon oxygenates.

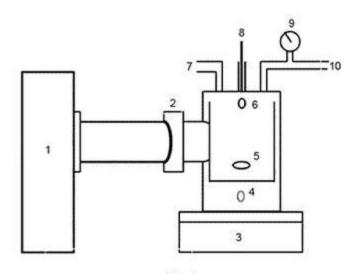


Fig. 1

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

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : COMPLIANT INTERCONNECT PILLARS WITH ORIENTATION OR GEOMETRY DEPENDENT ON THE POSITION ON A DIE OR FORMED WITH A PATTERNED STRUCTURE BETWEEN THE PILLAR AND A DIE PAD FOR REDUCTION OF THERMAL STRESS

(51) International classification :H01L23/485,H
(31) Priority Document No :13/187694
(32) Priority Date :21/07/2011
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/047722

Filing Date :20/07/2012 (87) International Publication No :WO 2013/013204

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

Filing Date

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

:H01L23/485,H01L21/60 (71)**Name of Applicant :** 

1)QUALCOMM Incorporated

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. U.S.A.

(72)Name of Inventor:1)BAO Zhongping2)BURRELL James D.

3)GU Shiqun

# (57) Abstract:

Pillars (300 306 502) having a directed compliance geometry are arranged to couple a semiconductor die (400 500) to a substrate. The direction of maximum compliance of each pillar (300 306 502) may be aligned with the direction of maximum stress caused by unequal thermal expansion and contraction of the semiconductor die (400 500) and the substrate. Pillars (300 306 502) may be designed and constructed with various shapes having particular compliance characteristics and particular directions (302 304 308 310 504) of maximum compliance. The shape and orientation of the pillars (300 306 502) may be selected as a function of their location on a die (400 500) to accommodate the direction and magnitude of stress at their location. Pillars (610) may also be fabricated with particular shapes by patterning a material (604) such as a passivation material on a pad on a die (600) to increase the surface area upon which the pillar (610) is plated or deposited.

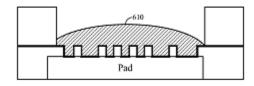


FIG. 6D

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: APPARATUS SYSTEM AND METHOD FOR ANALYZING DISEASE SAMPLE

(51) International classification :G01N33/48,G01N33/68,G01N30/88

(31) Priority Document No :2012061305 (32) Priority Date :18/03/2012

(33) Name of priority country :Japan

(86) International

Application No :PCT/JP2013/001849

Filing Date :18/03/2013

(87) International Publication No :WO 2013/140785

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

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

(71)Name of Applicant:

1)KYUSHU UNIVERSITY NATIONAL UNIVERSITY

CORPORATION

Address of Applicant :6 10 1 Hakozaki Higashi ku Fukuoka shi Fukuoka 8128581 Japan Japan

2)SHISEIDO COMPANY LTD.

(72)Name of Inventor:
1)HAMASE Kenji
2)TOUJO Yousuke
3)MITA Masashi

4)MIZUMOTO Chieko

### (57) Abstract:

[Problem] To elucidate the correlation between the amounts of amino acid stereoisomers or the change in the amounts and diseases by carrying out the total analysis of the amino acid stereoisomers to thereby develop a novel disease diagnosis method and a novel disease diagnosis device for performing the disease diagnosis method. [Solution] A disease sample analysis device according to the present invention comprises: a means for separating and quantifying an amino acid stereoisomer in a biological material from a subject; a means for substituting the amount of the amino acid stereoisomer into a determination equation to calculate the amount thereby obtaining a clinical condition index value; and a means for outputting information on the clinical condition of the patient on the basis of the clinical condition index value. One embodiment of the determination equation is as follows: (a clinical condition index value) = (a measurement value for an amino acid stereoisomer correlated with the disease among the measurement values in a biological material from the subject)/(a reference value in a biological material from a normal person). A disease sample analysis method according to the present invention comprises: a step of measuring the amount of an amino acid stereoisomer in a biological material from a subject; a step of substituting the amount of the amino acid stereoisomer into a determination equation to calculate the amount thereby obtaining a clinical condition index value; and so on.

No. of Pages: 128 No. of Claims: 12

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 21/08/2015

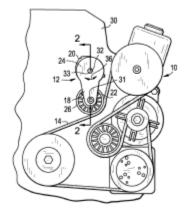
# (54) Title of the invention: SEALED BELT TENSIONING DEVICE

(51) International classification	:F16H7/12	(71)Name of Applicant:
(31) Priority Document No	:13/432548	1)DAYCO IP HOLDINGS LLC
(32) Priority Date	:28/03/2012	Address of Applicant :2025 W. Sunshine Street Suite L145
(33) Name of priority country	:U.S.A.	Springfield MO 65807 U.S.A. U.S.A.
(86) International Application No	:PCT/US2013/033395	(72)Name of Inventor:
Filing Date	:22/03/2013	1)DUTIL Kevin G.
(87) International Publication No	:WO 2013/148477	2)LANNUTTI Anthony E.
(61) Patent of Addition to Application	:NA	3)LINDSTROM James Kevin
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A tensioning system including a base and an arm pivotally coupled to the base the arm having an engagement surface and being configured to pivot relative to the base about a pivot axis. The system further includes a biasing mechanism operatively coupled to the arm to bias the arm relative to the base and a seal assembly sealingly positioned between the arm and the base. The seal assembly is coaxial with the pivot axis and configured to accommodate relative axial movement between the base and the arm and relative radial movement between the base and the arm while still maintaining a seal therebetween.

FIG. 1



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

(22) Date of filing of Application :15/10/2014 (43) Publication Date: 21/08/2015

#### (54) Title of the invention: POWER ELECTRONIC CONVERTER

(51) International :H02M7/797,H02M7/81,H02M7/66

classification

(31) Priority Document No :PCT/EP2012/055137 (32) Priority Date :22/03/2012

(33) Name of priority country: EPO

(86) International Application :PCT/GB2013/050725

:20/03/2013

Filing Date

(87) International Publication :WO 2013/140168

(61) Patent of Addition to

**Application Number** :NA Filing Date

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

:NA

(57) Abstract:

(71)Name of Applicant:

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400

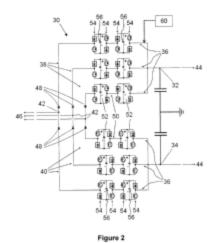
Baden Switzerland Switzerland

(72) Name of Inventor:

1)TRAINER David Reginald

2)OKAEME Nnamdi

A power electronic converter (30) for connecting AC and DC networks (46 44) and transferring power therebetween comprises: first and second DC terminals (32 34) defining a DC link for connection to a DC network (44); wherein in use the DC link has a reversible DC link voltage applied thereacross; at least one converter limb (36) extending between the first and second DC terminals (32 34) and having first and second limb portions (38 40) separated by an AC terminal (42) for connection to an AC network (46) each limb portion (38 40) including at least one rationalised module (52) having first and second sets of series connected current flow control elements (54) connected in parallel with at least one energy storage device (56) each set of current flow control elements (54) including a primary active switching element to selectively direct current through the energy storage device (56) and a primary passive current check element to limit current flow through the rationalised module (52) to a single direction the current flow control elements (54) and the or each energy storage device (56) combining to selectively provide a voltage source to synthesise an AC voltage at the AC terminal (42); and a first controller (60) to selectively switch the or each rationalised module (52) in each limb portion (38 40) to control the configuration of the AC voltage at the corresponding AC terminal (42) so as to transfer power from the AC network (46) to the DC network (44) in an AC to DC power transfer mode and to transfer power from the DC network (44) to the AC network (46) in a DC to AC power transfer mode wherein each limb portion (38 40) includes: one or more secondary passive current check elements (48) to limit current flow through the corresponding limb portion (38 40) to a single direction between the corresponding AC and DC terminals (42 32 34) the or each secondary passive current check element (48) being connected in series with the or each rationalised module (52); or one or more secondary active switching elements that is connected in series with the or each rationalised module (52).



No. of Pages: 29 No. of Claims: 4

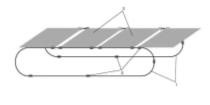
(22) Date of filing of Application :15/10/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: DEVICE AND METHOD FOR TRANSPORTING SUBSTRATES IN A PRINTING MACHINE

(86) International Application No Filing Date  (87) International Publication No (88) International Application No (89) International Publication No (80) International Application No (80) International Application No (80) International Application No (80) International Application No (80) International Publication No (81) International Application No (80) International Publication No (81) International Publication No (81) International Publication No (81) International Publication No (82) International Publication No (83) International Application No (84) International Publication No (85) International Publication No (86) International Publication No (87) International Publicat	:17/04/2012 :France :PCT/EP2013/058030 :17/04/2013 :WO 2013/156540 :NA :NA :NA	:17/04/2012 :France :PCT/EP2013/058030 :17/04/2013 :WO 2013/156540 ication :NA :NA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number
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#### (57) Abstract:

The invention relates to a novel device and a novel method for transporting printable substrates in a precise manner suitable for various types sizes and thicknesses of substrate. The invention is also suitable for printing machines that do not come into contact with the substrate such as ink jet printing machines.



No. of Pages: 34 No. of Claims: 32

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ACTUATOR CIRCUIT FOR CONTROL OF CIRCUIT BREAKER

(51) International :H01H47/06,H01H47/00,H01H71/10 classification :1253758

(31) Priority Document No :1253758 (32) Priority Date :24/04/2012 (33) Name of priority

country :France

(86) International Application No :PCT/EP2013/058243

Filing Date :22/04/2013

(87) International :WO 2013/160217

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

(71)Name of Applicant:

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland Switzerland

(72)Name of Inventor:

1)VON ALLMEN Peter

### (57) Abstract:

Filing Date

The invention relates to an actuator circuit for control of a circuit breaker characterized in that it comprises two branches in parallel between two terminals (5 6) and in that the first branch comprises only a first coil (1) the second branch comprises a second coil (2) of lower impedance than the first in series with a switch (3) controlled by a switching circuit.

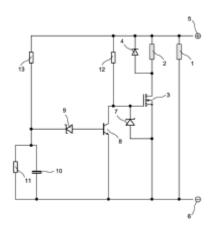


FIG. 2

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

(22) Date of filing of Application :16/10/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: MEASUREMENT OF TREATMENT AGENT IN A PROCESS STREAM USING ULTRAVIOLET VISIBLE (UV VIS) SPECTROSCOPY AND RELATED SYSTEMS AND PROCESSES

(51) International classification :G01N21/25,C02F1/00,C02F1/52 (71)Name of Applicant: (31) Priority Document No :61/612923 (32) Priority Date :19/03/2012 (33) Name of priority country :U.S.A. (86) International Application :PCT/CA2013/050216 :15/03/2013 Filing Date

(87) International Publication :WO 2013/138929

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

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

1)ORMECI BECKERS Banu

Address of Applicant: 1141 Willow Brook Way Manotick

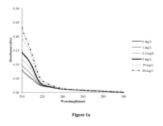
Ontario K4M 1B6 Canada Canada

(72) Name of Inventor:

1)ORMECI BECKERS Banu

### (57) Abstract:

The present application provides a method of detecting an amount of a treatment agent such as a flocculating agent in a process stream comprising the step of measuring at least one absorption property of a sample obtained from the process stream at a wavelength of less than about 250 nm. Processes and systems for monitoring and regulating addition of treatment agents to process streams are also provided.



No. of Pages: 84 No. of Claims: 88

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 21/08/2015

#### (54) Title of the invention: SOLID OXIDE FUEL CELL SYSTEM

(51) International classification :H01M8/04,H01M8/06,H01M8/12 (71)Name of Applicant :

(31) Priority Document No :2012145875 (32) Priority Date :28/06/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/002561 No

:16/04/2013 Filing Date

(87) International Publication :WO 2014/002345

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

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

Number :NA Filing Date

1)PANASONIC INTELLECTUAL PROPERTY

MANAGEMENT CO. LTD.

Address of Applicant: 1 61 Shiromi 2 chome Chuo ku Osaka

shi Osaka 5406207 Japan Japan

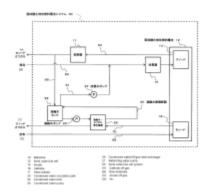
(72)Name of Inventor:

1)MARUYAMA Takehiro 2)KOBAYASHI Susumu

3)UKAI Kunihiro

#### (57) Abstract:

A solid oxide fuel cell system (90) is provided with: a reformer (10); a solid oxide fuel cell (12) that generates electricity using a hydrogen containing gas supplied to an anode (14) from the reformer and air supplied to a cathode (16); a heat radiator (17) that radiates heat from either or both of anode off gas and combustion exhaust gas obtained by combustion of the anode off gas and generates condensed water; a condensed water circulation path (20) in which condensed water supplied by the heat radiator circulates; a condensed water tank (22) that is provided in the condensed water circulation path and retains the condensed water; a condensed water pump (24) that is provided in the condensed water circulation path and circulates the condensed water; and a condensed water/off gas heat exchanger (26) that is provided in the condensed water circulation path and carries out heat exchange between the condensed water and the off gas exhausted from the solid oxide fuel cell. At least part of water supplied to the reformer is condensed water.



No. of Pages: 55 No. of Claims: 13

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 21/08/2015

### (54) Title of the invention: AUDIO USER INTERACTION RECOGNITION AND CONTEXT REFINEMENT

(51) International classification: G10L25/48, G10L17/00, H04R1/40 (71) Name of Applicant:

(31) Priority Document No :61/645818 (32) Priority Date :11/05/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/039624

No :06/05/2013 Filing Date

(87) International Publication :WO 2013/169618

(61) Patent of Addition to

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

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

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

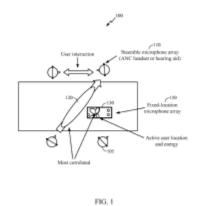
U.S.A.

(72) Name of Inventor:

1)KIM Lae Hoon 2)SHIN Jongwon 3)VISSER Erik

(57) Abstract:

A system which tracks a social interaction between a plurality of participants includes a fixed beamformer that is adapted to output a first spatially filtered output and configured to receive a plurality of second spatially filtered outputs from a plurality of steerable beamformers. Each steerable beamformer outputs a respective one of the second spatially filtered outputs associated with a different one of the participants. The system also includes a processor capable of determining a similarity between the first spatially filtered output and each of the second spatially filtered outputs. The processor determines the social interaction between the participants based on the similarity between the first spatially filtered output and each of the second spatially filtered outputs



No. of Pages: 91 No. of Claims: 104

(21) Application No.2134/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: DYEING AND PRINTING OF FABRICS INCLUDING PARTIALLY AROMATIC POLYAMIDES

:D06P3/82,D06P3/24,D06P1/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)INVISTA TECHNOLOGIES S. r.l. :61/616263 (32) Priority Date :27/03/2012 Address of Applicant : Zweigniederlassung St. Gallen (33) Name of priority country :U.S.A. Kreuzackerstrasse 9 9000 St. Gallen Switzerland (86) International Application No :PCT/US2013/033841 (72)Name of Inventor: Filing Date 1)SCHMITT Thomas Edward :26/03/2013 (87) International Publication No: WO 2013/148653 2)PATEL Kamleshkumar Chunilal (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

An article exhibiting flame resistant or flame retardant (FR) property including a fabric that has received a pre treatment applied dye or print or combinations thereof; and a post treatment applied FR additive. The fabric includes a primary yarn including a fiber having vapor phase action and a partially aromatic polyamide fiber.

No. of Pages: 23 No. of Claims: 22

(22) Date of filing of Application :27/10/2014

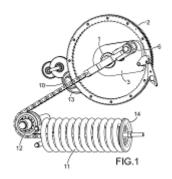
(43) Publication Date: 21/08/2015

# (54) Title of the invention : CONTROL OF SPRING(S) TYPE FOR A HIGH OR MEDIUM VOLTAGE BREAKER FURNISHED WITH A PAWLED FREE WHEEL COUPLING DEVICE

(51) International classification	:H01H3/30	(71)Name of Applicant :
(31) Priority Document No	:12 53785	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:25/04/2012	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:France	Baden Switzerland
(86) International Application No	:PCT/EP2013/058343	(72)Name of Inventor:
Filing Date	:23/04/2013	1)VON ALLMEN Peter
(87) International Publication No	:WO 2013/160272	2)BOITEUX Roger
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(##) 11 · · ·		1

# (57) Abstract:

The invention relates to a spring type control for high or medium voltage electrical apparatus furnished with a free coupling device allowing respectively coupling during the loading of the spring(s) (11) and decoupling during the loading of the spring(s) between a crank or a motor and the drive shaft (1) of a circuit breaker switch of the apparatus. The mechanical free wheel device is integrated into a toothed wheel (2) of the control and comprises at least one pawl (7 70) engaging or otherwise with internal toothing (4) of the toothed wheel (2).



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

(22) Date of filing of Application :27/10/2014

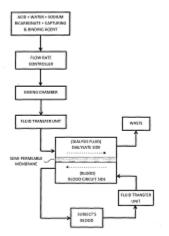
(43) Publication Date: 21/08/2015

# (54) Title of the invention : NOVEL COMPOSITION FOR EXTRACORPOREAL REDUCTION OF BETA AMYLOIDS AND PROCESS FOR PRODUCING THEREOF

(51) International classification: C07K1/22,A61M1/14,A61M1/34 (71)Name of Applicant: (31) Priority Document No 1)AMYLEX PHARMACEUTICALS INC :61/638672 (32) Priority Date :26/04/2012 Address of Applicant: Unit 1908 Jollibee Plaza F. Ortigas Jr. (33) Name of priority country Road Ortigas Center Pasig Metro Manila 1605 Phillipines :U.S.A. (72)Name of Inventor: (86) International Application :PCT/PH2013/000005 1)SANTOS Rogelio B. Jr. :30/01/2013 Filing Date 2)STEIN Stanley (87) International Publication 3)KASINATHAN Chinnaswamy :WO 2013/162387 No (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 provides a safe reliable and economical process for preparing an improved dialysis fluid formulation effective for extracorporeal treatment through a blood filtration process of a Beta Amyloid associated pathological condition in a subject said process comprises preparing a composition comprising KLVFF peptide or a variant thereof as the capturing and binding agent and a carrier therefor and mixing said composition with a dialysate solution. The process utilizes a compact inexpensive and simple standard dialysis machine that extracorporeally removes Beta Amyloids without allowing escape of the Beta Amyloids back into a subject s body without having to intricately evaluate the performance and characteristics of a dialysis membrane and without putting the health condition of the subject at risk.



No. of Pages: 38 No. of Claims: 13

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: PROCESS FLUID FLOW TRANSMITTER WITH FINNED COPLANAR PROCESS FLUID FLANGE

(51) International classification :G01L19/06,G01F1/34,F16L23/02 (71)Name of Applicant : (31) Priority Document No :61/656235 1)DIETERICH STANDARD INC. :06/06/2012 (32) Priority Date Address of Applicant :5601 North 71st Street Boulder CO (33) Name of priority country :U.S.A. 80301 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2013/043845 No 1)VERHAAGEN Donald R. :03/06/2013 Filing Date 2)WINTERS Dave 3)HARBAUGH Steve (87) International Publication :WO 2013/184554 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

A process fluid pressure measurement system (10) is provided. The system includes a process fluid pressure transmitter (12) having a pair of process fluid ports disposed coplanar with one another on a bottom surface thereof. The process fluid pressure transmitter (12) is configured to measure a differential pressure between the pair of process fluid ports and provide an indication of the measured differential pressure over a process communication loop. A process fluid flange (18) has a first surface (36) configured to mount to the surface of the process fluid pressure transmitter (12) a second surface (34) opposed to the first surface (36) and at least one lateral sidewall (37) extending between the first and second surface (36 34). A plurality of fins (32) are disposed proximate the lateral surface (37).

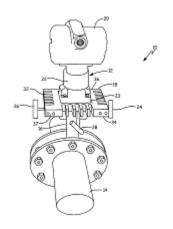


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2144/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention: RUTIN RICH EXTRACT AND METHOD OF MAKING SAME

(51) International classification :C07H17/07,A23L1/30,A61K36/18

:WO 2014/064731

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

(33) Name of priority country: NA

(86) International Application :PCT/JP2012/006758
No :22/10/2012

Filing Date

(87) International Publication

No (61) Patent of Addition to

Application Number
Filing Date

(62) Divisional to Application

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)ALPS PHARMACEUTICALS IND. CO. LTD.

Address of Applicant :10 50 Mukaimachi 2 chome Furukawa

cho Hida shi Gifu 5094241 Japan

(72)Name of Inventor:

1)MINAMI Kazunobu

2)TANIWAKI Shinji 3)KATSUMATA Akiko

A method of obtaining a rutin rich extract from a plant and a rutin rich extract of Uncaria elliptica thus obtained.

No. of Pages: 12 No. of Claims: 21

⁽⁵⁷⁾ Abstract:

(22) Date of filing of Application :27/10/2014

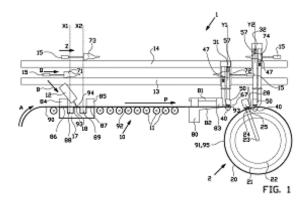
(43) Publication Date: 21/08/2015

# (54) Title of the invention: MACHINE AND METHOD OF FORMING A BEAD APEX ASSEMBLY FOR TIRES

(51) International classification	:B29D30/48	(71)Name of Applicant :
(31) Priority Document No	:2009946	1)VMI HOLLAND B.V.
(32) Priority Date	:10/12/2012	Address of Applicant :Gelriaweg 16 NL 8161 RK Epe
(33) Name of priority country	:Netherlands	Netherlands
(86) International Application No	:PCT/NL2013/050831	(72)Name of Inventor:
Filing Date	:19/11/2013	1)SLOT Marco
(87) International Publication No	:WO 2014/092558	2)VAN LAAR Gerard Johannes
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a tyre building machine (1) for applying an apex (91 92) to a bead (95) to form a bead apex assembly for a green tyre comprising a bead holder (2) for holding the bead wherein the tyre building machine comprises a first gripper (31) and a second gripper (32) for engaging and moving the apex in a direction of conveyance towards the bead wherein the first gripper is moveable between a first start position (X1) and a first end position (Y1) and the second gripper is moveable between a second start position (X2) and a second end position (Y2) wherein the tyre building machine is provided with wedges (71 72 73 74) wherein the grippers are biased to a closed state in which the grippers are arranged to engage the apex and wherein the wedges are arranged for countering the bias of the grippers when the grippers are at one of the start positions or the end positions.



No. of Pages: 58 No. of Claims: 37

(22) Date of filing of Application :28/10/2014

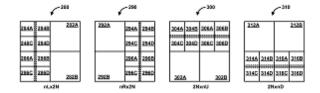
(43) Publication Date: 21/08/2015

# (54) Title of the invention: SIMPLIFIED NON SQUARE QUADTREE TRANSFORMS FOR VIDEO CODING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:16/04/2013 :WO 2013/158650 :NA :NA	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International IP Administration  5775 Morehouse Drive San Diego California 92121 1714 U.S.A.  (72)Name of Inventor:  1)GUO Liwei  2)WANG Xianglin  3)KARCZEWICZ Marta
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

In an example a method of decoding video data includes determining a prediction partitioning structure for predicting pixel values associated with a block of video data. The method also includes determining a transform partitioning structure for applying one or more transforms to the predicted pixel values. Determining the transform split structure includes splitting a parent transform unit upon determining the transform partitioning structure comprises splitting the parent transform unit into one or more square transforms determining one or more square transforms such that each of the one or more square transforms correspond to exactly one prediction partition and upon determining the transform partitioning structure comprises splitting the parent transform unit into one or more non square transforms determining whether to split the one or more non square transforms based at least in part on the one or more non square transforms being non square.



No. of Pages: 81 No. of Claims: 52

(22) Date of filing of Application :28/10/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention : NONINVASIVE MEASUREMENT OF ANALYTE CONCENTRATION USING A FIBERLESS TRANSFLECTANCE PROBE

(51) International classification :G01N21/31,G01N21/35,G01N21/49

(31) Priority Document No :13/441467 (32) Priority Date :06/04/2012 (33) Name of priority :U.S. A

country :U.S.A.

(86) International Application No :PCT/US2013/035250

Filing Date :04/04/2013

(87) International Publication No :WO 2013/152177

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

(71)Name of Applicant:

1)GROVE INSTRUMENTS INC.

Address of Applicant :100 Grove Street Suite 315 Worcester

MA 01605 U.S.A. (72)Name of Inventor:

1)HARJUNMAA Hannu

2)KUN Stevan

### (57) Abstract:

A method and apparatus for noninvasively measuring the concentration of a target analyte in a sample matrix (22) using a fiberless transflectance probe (20). It includes directing a beam of electromagnetic radiation consisting of at least two components of different wavelengths to the sample matrix (22) and conducting the backscattered radiation to a detector (18) which outputs a signal indicative of the differential absorption of the two wavelengths in the sample matrix (22). The transflectance probe (20) comprises a tapered tubular housing (50) having an inner reflective surface (52) an optical rod (40) having an outer reflective surface (45) and a detection window (46) which serves as an interface between the probe and the surface of the sample matrix (22). The method and apparatus described are particularly useful in measuring the concentration of glucose in tissue (22) containing blood.

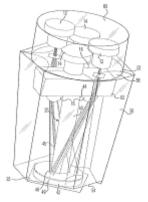


FIG. 3A

No. of Pages: 30 No. of Claims: 38

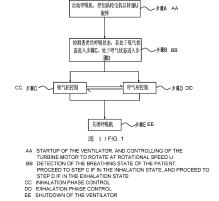
(22) Date of filing of Application :27/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: TURBINE VENTILATOR PRESSURE CONTROLLED VENTILATION METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:22/10/2013 :WO 2014/101548 :NA :NA	(71)Name of Applicant:  1)BEIJING AEONMED CO. LTD.  Address of Applicant: No. 4 Hangfeng Road Fengtai Science Park Fengtai District Beijing 100070 China (72)Name of Inventor:  1)CHENG Jie
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

12A turbine ventilator pressure controlled ventilation method comprising the following steps: a ventilator is started up a control unit in the ventilator controls a turbine motor to rotate at rotational speed U the turbine motor provides the ventilator with a hyperbaric gas; a detector unit detects the breathing state of a patient if the patient is in an inhalation state proceeds to an inhalation phase control and if the patient is in an exhalation state proceeds to an exhalation phase control; the air pressure of an inhalation phase is controlled by the control unit by controlling driving voltage V of an inhalation valve to regulate the extent to which the inhalation valve is opened the positive end expiratory pressure of an exhalation phase is controlled by the control unit by controlling driving voltage V of an exhalation valve to regulate the extent to which the exhalation valve is opened and if auxiliary air supply by the ventilator to the patient is ceased the ventilator is shut down. The method implements real time synchronous control of the rotational speed of the turbine motor and real time control of input voltages of the inhalation valve and of the exhalation valve of the ventilator thus implementing the goals of precision control of motor rotational speed and of target pressure.



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

(22) Date of filing of Application :27/10/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention: COMPOSITIONS FOR CONTROLLING VARROA MITES IN BEES

		1)}
(51) International classification	:C12N15/113,A61K31/713	
(31) Priority Document No	:13/446557	THE
(32) Priority Date	:13/04/2012	A
(33) Name of priority country	:U.S.A.	Cam
(86) International Application No	:PCT/IL2013/050321	P.O.I
Filing Date	:11/04/2013	2)E
(87) International Publication No	:WO 2013/153553	(72)N
(61) Patent of Addition to Application	:NA	1)E 2)C
Number		
Filing Date	:NA	3)k
(62) Divisional to Application Number	·NA	4)N
	:NA	5)S
Filing Date	.INA	6)6

(71)Name of Applicant:

# 1)YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.

Address of Applicant: Hi Tech Park The Edmond J. Safra Campus The Hebrew University of Jerusalem Ltd. Givat Ram P.O.Box 39135 9139002 Jerusalem Israel

2)BEEOLOGICS INC.

(72)Name of Inventor:

1)BEN CHANOCH Eyal

2)GARBIAN Yael

3)KALEV Haim

4)MAORI Eyal

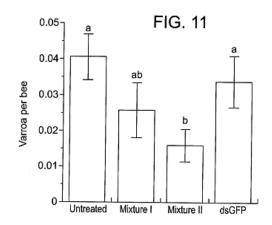
5)SELA Ilan

6)SHAFIR Sharoni

7)YARDEN Gal

### (57) Abstract:

An isolated nucleic acid agent is disclosed comprising a nucleic acid sequence which downregulates expression of a gene product of a Varroa destructor mite. The nucleic acid agents may have a sequence as set forth in SEQ ID NOs: 93 106. Compositions comprising same and uses thereof are also disclosed.



No. of Pages: 92 No. of Claims: 19

(22) Date of filing of Application :27/10/2014

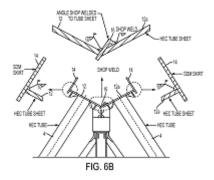
(43) Publication Date: 21/08/2015

# (54) Title of the invention : APPARATUS AND METHOD FOR CONNECTING AIR COOLED CONDENSER HEAT EXCHANGER COILS TO STEAM DISTRIBUTION MANIFOLD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B23P15/26 :61/624763 :16/04/2012 :U.S.A. :PCT/US2013/036813 :16/04/2013 :WO 2013/158665 :NA :NA	(71)Name of Applicant: 1)EVAPCO INC. Address of Applicant:5151 Allendale Lane Taneytown Maryland 21787 U.S.A. (72)Name of Inventor: 1)EINDHOVEN Jeftha
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An air cooled condenser and methods of manufacturing and field assembly of air cooled condensers in which one half of the primary heat exchanger coils are shop fitted with a length of steel configured to quickly and easily mate during field assembly with an opposing primary heat exchanger coil of standard configuration thereby reducing material shipping and handling costs improving positioning and orientation of HECs during assembly and reducing the requirement for expensive field welding.



No. of Pages: 31 No. of Claims: 23

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: NEEDLE TIP SHIELDING DEVICE AND FIXING ARRANGEMENT

(51) International classification :A61M5/32,A61M25/06 (71)Name of Applicant : (31) Priority Document No 1)VIGMED AB :12504239 (32) Priority Date Address of Applicant :Garnisonsgatan 10 S 254 66 :27/04/2012 (33) Name of priority country Helsingborg Sweden :Sweden (72)Name of Inventor: (86) International Application No :PCT/SE2013/050471 Filing Date :26/04/2013 1)HOLM Lennart (87) International Publication No :WO 2013/162461 2)DOMONKOS Robert (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The present invention discloses a needle tip shielding device for protection of a needle tip of a needle. The needle tip shielding device comprises a fixing arrangement having a proximal side and a distal side which fixing arrangement is comprising at least one engaging element which engaging element is resilient and resiliency striving from a compressed state towards an expanded state in which expanded state the shortest distance between a point of said engaging element and the central axis of said needle tip shielding device is longer than the shortest distance between said central axis and any other point of said needle tip shielding device A catheter instrument comprising the needle tip shielding device and a method for manufacturing is also disclosed.

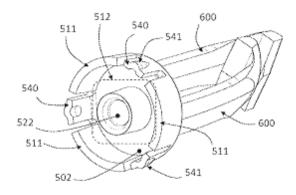


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2067/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention : PLANTS HAVING ONE OR MORE ENHANCED YIELD RELATED TRAITS AND METHOD FOR MAKING SAME

(51) International classification :C12N15/82,C12N15/29,C07K14/195

classification .C12IV13/62,C12IV13/29,C07K14/

(31) Priority Document No :61/618859 (32) Priority Date :02/04/2012 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/IB2013/052071

Filing Date :15/03/2013

(87) International Publication No :WO 2013/150401

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

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

(71)Name of Applicant:

1)BASF PLANT SCIENCE COMPANY GMBH

Address of Applicant: 67056 Ludwigshafen Germany

Germany

(72)Name of Inventor:

1)REUZEAU Christophe

## (57) Abstract:

A method for enhancing various economically important yield related traits in plants by modulating expression of a nucleic acid encoding a flavodoxin polypeptide in plants in a specific way. Provided are plants having the expression of a nucleic acid encoding a flavodoxin polypeptide modulated by a particular type of promoter which plants have enhanced yield related traits compared with control plants. Hitherto unknown constructs which are useful in performing the methods of the invention are also provided.

No. of Pages: 137 No. of Claims: 25

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

#### (54) Title of the invention: MEDICAL RESEARCH RETRIEVAL ENGINE

(51) International classification :G06F17/30,G06F17/21,G06F3/048

(31) Priority Document No :13/428539

(32) Priority Date :23/03/2012(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/033237

No :21/03/2013

Filing Date

(87) Intermediated Publication

(87) International Publication :WO 2013/142656

(61) Patent of Addition to :NA

Application Number :NA :NA

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

(71)Name of Applicant:

1)NAVYA NETWORK INC.

Address of Applicant :108 Trowbridge St. #1 Cambridge

Massachusetts 02138 U.S.A. U.S.A.

(72)Name of Inventor:

1)SRIVASTAVA Gitika 2)RAMARAJAN Naresh

#### (57) Abstract:

An apparatus and method of retrieving relevant documents having medical research evidence receives a request to access a plurality of documents in a database stored in a memory device. Each of the plurality of documents contains information relating to medical research evidence and has an associated relational expression. The method then causes display of a user interface with a plurality of fields (a set of these fields are selectable prescribed terms) and receives a relational expression based on information received from the user interface. The received relational expression includes at least one of the selectable prescribed terms in the user interface. Next the method compares the received relational expression with the relational expressions associated with at least one of the plurality of documents and causes the display of information relating to a set of documents in the database as a function of the comparison of relational expressions.

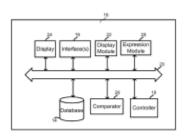


FIG. 2

No. of Pages: 44 No. of Claims: 37

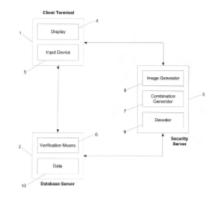
(22) Date of filing of Application :24/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A METHOD OF SECURE DATA COMMUNICATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:0504545.5 :07/03/2005 :U.K.	(71)Name of Applicant:  1)TRICERION LTD  Address of Applicant: 400 Thames Valley Park Drive, Reading, Berkshire, RG6 IPT, United Kingdom U.K. (72)Name of Inventor:  1)MORRIS, Stuart  2)FRASER, Norman  3)HARIA, Sanjay
- 100000	:NA :1369/MUMNP/2007 :07/09/2007	

#### (57) Abstract:

In an exchange of data between a client terminal (1) and a secure database server (2) the data is encoded using positional information generated by a combination generator (7) in a separate security server (3). The positional information is used to produce an image specific to a communication event which is accessed by the client terminal (1) and is the basis for the entry of sensitive data at the client terminal (1). The three- way communication link between the client terminal, database server and security server greatly increases the difficulty of successfully intercepting and decoding the data entered at the client terminal. This method of secure data communication is particularly suited to the communication of password data for example in the banking industry.



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

(22) Date of filing of Application :24/11/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention : ADAPTIVE SWITCHING BETWEEN A VISION AIDED INTERTIAL CAMERA POSE ESTIMATION AND A VISION BASED ONLY CAMERA POSE ESTIMATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06T7/00,H04N5/232 :13/523,634 :14/06/2012 :U.S.A. :PCT/US2013/045012 :10/06/2013 :WO 2013/188308 :NA :NA :NA	(71)Name of Applicant:  1)QUALCOMM INCORPORATED Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor: 1)RAMANANDAN Arvind 2)BRUNNER Christopher 3)RAMACHANDRAN Mahesh 4)TYAGI Abhishek 5)KNOBLAUCH Daniel 6)CHARI Murali Ramaswamy
Filing Date	:NA	

#### (57) Abstract:

A mobile device tracks a relative pose between a camera and a target using Vision aided Inertial Navigation System (VINS) that includes a contribution from inertial sensor measurements and a contribution from vision based measurements. When the mobile device detects movement of the target the contribution from the inertial sensor measurements to track the relative pose between the camera and the target is reduced or eliminated. Movement of the target may be detected by comparing vision only measurements from captured images and inertia based measurements to determine if a discrepancy exists indicating that the target has moved. Additionally or alternatively movement of the target may be detected using projections of feature vectors extracted from captured images.

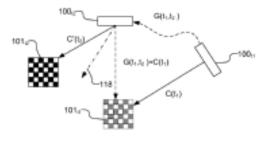


Fig. 3

No. of Pages: 25 No. of Claims: 28

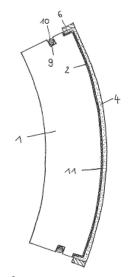
(22) Date of filing of Application :29/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: TUBBING HAVING A THERMOPLASTIC BARRIER LAYER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:E21D11/08 :11180966.1 :12/09/2011 :EPO :PCT/EP2012/067725 :11/09/2012 :WO 2013/037766 :NA :NA	(71)Name of Applicant:  1)SIKA TECHNOLOGY AG  Address of Applicant: Zugerstrasse 50 CH 6340 Baar Switzerland Switzerland (72)Name of Inventor:  1)WEBER Ulrich K.  2)MEYER Klaus
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

For a tubbing made of concrete for lining a tunnel in particular a traffic tunnel the tubbing has a convexly curved outer surface and a concavely curved inner surface opposite the outer surface and the tubbing is provided with a thermoplastic barrier layer on the outer surface of the tubbing. The thermoplastic barrier layer is also arranged on all sides of the outside surfaces facing the outer surface. The tubbing preferably has a recess that extends around the outer surface in a frame shape and the barrier layer engages in the recess.



Figur 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2080/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 21/08/2015

### (54) Title of the invention: SYNTHETIC PEPTIDES WTIH A NON NARCOTIC TYPE OF ANALGESIC EFFECT

(51) International :C07K7/06,A61K38/08,A61P29/00

classification (31) Priority Document No :2012110908

(32) Priority Date :22/03/2012 (33) Name of priority country :Russia

(86) International Application :PCT/RU2012/001036

:07/12/2012 Filing Date

(87) International Publication :WO 2013/141750

(61) Patent of Addition to

**Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)KOTIN Oleg Arkadyevich

Address of Applicant :ul. Koli Podrjadchikova 12 kv. 7 Leningradskaja oblast Gatchina 188300 Russia Russia

(72)Name of Inventor:

1)VLASOV Gennady Petrovich 2)KOTIN Arkadiy Mihajlovich

#### (57) Abstract:

What are proposed are: synthetic peptides having a non narcotic type of analgesic effect of general formula 1 [SEQ ID NO:1] where: H is hydrogen XDL is an omission of an amino acid or is L Tyr XDL1 is one of the following amino acids: L Leu L Ala or D Ala XDL2 is one of the following amino acids: L His D His L Ala or D Ala XDL3 is one of the following amino acids: L Gln L Ala or D Ala; R2 is or NH2 and also retro inversion peptides of formula (I) having a reverse sequence of amino acids with L shaped amino acids being substituted by D shaped amino acids and D shaped amino acids being substituted by L shaped amino acids of general formula 2 [SEO ID NO:2] where: H is hydrogen XDL4 is one of the following amino acids: D GIn D Ala or L Ala XDL5 is one of the following amino acids: D His L His D Ala or L Ala XDL6 is one of the following amino acids: D Leu D Ala or L Ala XDL7 is an omission of an amino acid or is D Tyr R2 is or NH2.

No. of Pages: 22 No. of Claims: 1

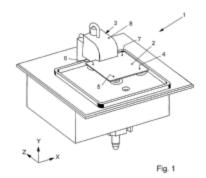
(22) Date of filing of Application :17/10/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: DEVICE FOR REMOVING A COATING FROM A SUBSTRATE AND METHOD

(51) International classification	:H01L21/67	(71)Name of Applicant:
(31) Priority Document No	:10 2012 102 740.4	1)SOLAR SEMI GMBH
(32) Priority Date	:29/03/2012	Address of Applicant :Robert Gerwig Str. 9 78315 Radolfzell
(33) Name of priority country	:Germany	Germany Germany
(86) International Application No	:PCT/EP2013/056333	(72)Name of Inventor:
Filing Date	:26/03/2013	1)MUFFLER Pirmin
(87) International Publication No	:WO 2013/144108	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

In a device (1) for removing a coating particularly a photoresist from a substrate (10) in at least one area of the substrate (10) a nozzle (11) is to be suitable for applying a jet of a solution medium.



No. of Pages: 22 No. of Claims: 14

:NA

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SUBSTITUTED PYRIDOPYRIMIDINE COMPOUNDS AND THEIR USE AS FLT3 INHIBITORS

(51) International (71) Name of Applicant: :C07D471/04,A61K31/519,A61P35/00 classification 1)GENOSCO (31) Priority Document No :61/614274 Address of Applicant: 12801 Busch Place Santa Fe Springs (32) Priority Date :22/03/2012 CA 90670 U.S.A. U.S.A. 2)OSCOTEC INC. (33) Name of priority :U.S.A. country (72)Name of Inventor: (86) International 1)KIM Hong Woo :PCT/US2013/032575 Application No 2)LEE Hee Kyu :15/03/2013 Filing Date 3)SONG Ho juhn (87) International 4)LEE Jaekyoo :WO 2013/142382 Publication No 5)KOH Jong Sung (61) Patent of Addition to 6)KIM Jung ho :NA **Application Number** 7)KIM Se Won :NA Filing Date 8)LEE In Yong (62) Divisional to :NA Application Number

#### (57) Abstract:

Filing Date

Compounds of Formula (I) and methods for inhibiting kinases including spleen tyrosine kinases are disclosed. Also disclosed are methods for treating a kinase mediated disease or condition by administering to a subject a therapeutically effective amount of the compound of Formula (I).

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

(22) Date of filing of Application :24/11/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention: SAMPLE ADAPTIVE OFFSET (SAO) CODING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:18/06/2013 :WO 2013/192181 :NA :NA	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor:  1)CHONG In Suk 2)SOLE ROJALS Joel 3)KARCZEWICZ Marta
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A video coder according to the techniques of the present disclosure may code a prefix value and code a suffix value such that the combination of the suffix value and the prefix value identify an offset value determined for a sample adaptive offset filtering (SAO) operation.

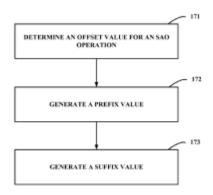


FIG. 7

No. of Pages: 48 No. of Claims: 49

(22) Date of filing of Application :24/11/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: ENHANCEMENT OF FISCHER TROPSCH PROCESS FOR HYDROCARBON FUEL FORMULATION IN A GTL ENVIRONMENT

(51) International classification :C10G50/00,C10L3/10,C10K1/00 (71)Name of Applicant: (31) Priority Document No :2,776,369 (32) Priority Date :09/05/2012 (33) Name of priority country :Canada (86) International Application :PCT/CA2013/000444

:06/05/2013 Filing Date

(87) International Publication :WO 2013/166583 No

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) EXPANDER ENERGY INC.

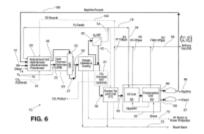
Address of Applicant :Suite 200 1414 Eighth Street SW

Calgary Alberta T2R 1J6 Canada

(72) Name of Inventor: 1)KRESNYAK Steve 2)WAGNER Jan 3)PRICE Steve

#### (57) Abstract:

An enhanced natural gas processing method using Fischer Tropsch (FT) process for the synthesis of sulfur free clean burning hydrocarbon fuels examples of which include syndiesel and aviation fuel. A selection of natural gas separately or combined with portions of natural gas liquids and FT naphtha and FT vapours are destroyed in a syngas generator and used or recycled as feedstock to an Fischer Tropsch (FT) reactor in order to enhance the production of syndiesel from the reactor. The process enhancement results is the maximum production of formulated syndiesel without the presence or formation of low value by products.



No. of Pages: 37 No. of Claims: 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2396/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: GEOPOLYMER COMPOSITION COMPRISING ADDITIVES

(51) International classification	:C04B28/00,C04B40/00	(71)Name of Applicant:
(31) Priority Document No	:2008863	1)PQA B.V.
(32) Priority Date	:23/05/2012	Address of Applicant :Bennebroekerdijk 244 NL 2142 LE
(33) Name of priority country	:Netherlands	Cruquius Netherlands
(86) International Application No	:PCT/NL2013/050374	(72)Name of Inventor:
Filing Date	:23/05/2013	1)KAKEBEEKE Pieter Izaak Jan
(87) International Publication No	:WO 2013/176545	2)KEULEN Arno
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to geopolymer compositions comprising additives selected from sugars and derivatives thereof and/or organic acids and salts thereof. The geopolymer compositions of the present invention have sufficient strength to be used for construction purposes. To facilitate the production method of geopolymer paste and concrete compositions the present invention further provides solid and liquid geopolymer activator compositions.

No. of Pages: 20 No. of Claims: 34

(22) Date of filing of Application :25/11/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention: METHOD FOR IDENTIFYING AGENTS CAPABLE OF INDUCING RESPIRATORY SENSITIZATION AND ARRAY AND ANALYTICAL KITS FOR USE IN THE METHOD.

(51) International :C12Q1/68,G01N33/50,G01N33/53 classification

(31) Priority Document No :1207297.1 (32) Priority Date :26/04/2012

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

(86) International Application :PCT/IB2013/053321

No

:26/04/2013 Filing Date

(87) International Publication

:WO 2013/160882

(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)SENZAGEN AB

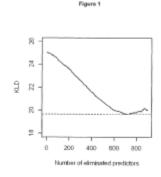
Address of Applicant: Glansbaggegatan 13 S 21837

Bunkeflostrand Sweden (72) Name of Inventor: 1)LINDSTEDT Malin 2)BORREBAECK Carl 3)JOHANSSON Henrik

4)ALBREKT Ann Sofie

#### (57) Abstract:

The present invention relates to an in vitro method for identifying agents capable of inducing respiratory sensitization in a mammal and arrays and diagnostic kits for use in such methods. In particular the methods include measurement of the expression of the biomarkers listed in Table 1A Table 1B and/or Table 1C in MUTZ 3 cells exposed to a test agent.



No. of Pages: 70 No. of Claims: 74

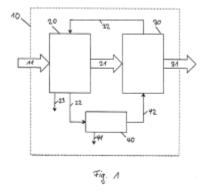
(22) Date of filing of Application :25/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD AND DEVICE FOR DRYING AND CRYSTALLIZING GRANULATE

(62) Divisional to Application Number :NA Filing Date :NA			(71)Name of Applicant:  1)AUTOMATIK PLASTICS MACHINERY GMBH Address of Applicant: Ostring 19 63762 Groostheim Germany (72)Name of Inventor: 1)DEI Stefan
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#### (57) Abstract:

The invention relates to a method and a device for continuously drying and crystallizing granulate which is flushed with water. The method has the steps of feeding granulate (11) which is flushed with water into a pre dryer (20); pre drying the granulate in the pre dryer; conveying the pre dried granulate (21) into a dryer/crystallizer (30); and dispensing crystallized granulate (31) out of the dryer/crystallizer. Air conditioning means (40) generate air (42) which is temperature controlled and the degree of humidity of which is conditioned and said air is fed to the dryer/crystallizer. The exhaust air (32) of the dryer/crystallizer is fed to the pre dryer and the exhaust air (22) of the pre dryer is returned to the air conditioning means such that a closed air circuit is formed by the dryer/crystallizer pre dryer and the air conditioning means.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2399/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/11/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention: FORMALDEHYDE FREE BINDING COMPOSITION FOR MINERAL FIBRES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C09D5/00 :NA :NA :NA :PCT/IT2012/000166 :01/06/2012 :WO 2013/179323 :NA :NA :NA	(71)Name of Applicant:  1)STM TECHNOLOGIES S.r.l. Address of Applicant: Viale Monte Rosa 93 20149 Milano Italy (72)Name of Inventor: 1)LA GRECA Marco 2)MASSINI Roberto
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

The present invention relates in general terms to a formaldehyde free aqueous binding composition (binder) comprising ammonium sulfamate and to a fibrous mineral material obtained by polymerization of said composition. Advantageously the present composition makes it possible to obtain rapid polymerization times during the formation of fibrous mineral material while nonetheless ensuring the thermal and mechanical stability thereof.

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

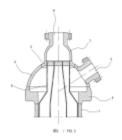
(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

#### (54) Title of the invention: HEAT EXCHANGER

(51) International classification	:F28F9/00,F28D7/00	(71)Name of Applicant:
(31) Priority Document No	:201210072963.3	1)ZHENHAI PETROCHEMICAL JIANAN
(32) Priority Date	:19/03/2012	ENGINEERING CO. LTD
(33) Name of priority country	:China	Address of Applicant :Lianhua Road Jiaochuan Street Zhenhai
(86) International Application No	:PCT/CN2013/000306	District Ningbo Zhejiang 315207 China China
Filing Date	:18/03/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/139172	1)ZHANG Xianan
(61) Patent of Addition to Application	:NA	2)WANG Jianliang
Number	:NA	3)HU Xingmiao
Filing Date	.IVA	4)LIU Lijiang
(62) Divisional to Application Number	:NA	5)LI Junjie
Filing Date	:NA	

### (57) Abstract:

A heat exchanger comprising a shell and core (6) and a shell side medium inlet/outlet (3) arranged on the shell; the shell also comprises a cylinder (1) and a convex sealing head (2); a reducing pipe (4) having two ends of unequal diameter is arranged between said cylinder and said convex sealing head the large diameter end (43) of said reducing pipe being fixed to said convex sealing head and the small diameter end (42) of said reducing pipe being fixed to said cylinder; the shell side medium inlet/outlet arranged on the convex sealing head. Using the described structure allows the ends of the heat exchanger ample space to accommodate workers creating the conditions for double sided welding testing and maintenance and effectively reducing manufacturing costs and expanding the range of selection of materials; said structure also provides a buffer zone for the flow of the shell side medium making heat exchange more uniform and complete and facilitating the arrangement of deflectors and other auxiliary bodies improving the heat exchange efficiency of the heat exchanger and lowering operation costs.



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

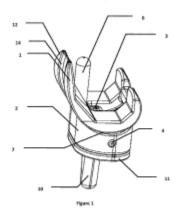
(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SPACER IMPLANT FOR THE TEMPORARY REPLACEMENT OF A KNEE PROSTHESIS

(51) International classification	:A61F2/38	(71)Name of Applicant:
(31) Priority Document No	:1253593	1)TEKNIMED
(32) Priority Date	:19/04/2012	Address of Applicant :8 Rue Du Corps Franc Pommies F
(33) Name of priority country	:France	65500 Vic En Bigorre France France
(86) International Application No	:PCT/FR2013/050871	(72)Name of Inventor:
Filing Date	:19/04/2013	1)LEONARD Alain
(87) International Publication No	:WO 2013/156743	2)HALBIN Gautier
(61) Patent of Addition to Application	:NA	3)SENDER Cyril
Number	:NA	4)SAHRAOUI Nouredine
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a spacer implant (I) for the temporary replacement of a knee prosthesis said implant (I) having a femoral condyle (1) and a tibial plateau (2) the lower surface (7) of the femoral condyle (1) resting on the upper surface (8) of the tibial plateau (2) the lower surface (7) of the femoral condyle (1) having a convex shape while the upper surface (8) of the tibial plateau (2) has a concave shape a pin (9) supported by the tibial plateau (2) and penetrating into a receiving means (17) provided on the femoral condyle (1) the femoral condyle (1) comprising two flanges (12 13) having different sizes and being joined together via a base (7) through which a groove (17) passes and forms the receiving means the shorter flange (13) consisting of two elements (15) referred to as condyles which are spaced apart from one another by the extension of the groove (17) and a stabilizing bar (16) joining the two condyles (15) together at the free end of said flange (13).



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

(22) Date of filing of Application :25/11/2014

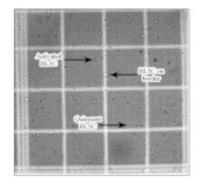
(43) Publication Date: 21/08/2015

# (54) Title of the invention : COMPOSITIONS AND METHODS FOR ENHANCING MOBILIZATION AND PROLIFERATION OF BLASTOMERE LIKE STEM CELLS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Potent of Addition to Application</li> </ul>	:C12N5/0789 :61/670,253 :11/07/2012 :U.S.A. :PCT/US2013/049897 :10/07/2013 :WO 2014/011752	(71)Name of Applicant:  1)STEMTECH INTERNATIONAL INC. Address of Applicant: 2010 NW 150th Avenue Pembroke Pines FL 33028 U.S.A. (72)Name of Inventor: 1)DRAPEAU Christian
(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 provides a method of using mobilization agents to enhance stem cell trafficking in a subject including very small embryonic like (VSEL) stem cells. In one embodiment a blended composition of algae fruits mushrooms microorganisms maternal fluids and extracts thereof are used to promote trafficking of stem cells resulting in migration of the stem cells to specific sites of maintenance and repair within tissues and/or organs.



No. of Pages: 55 No. of Claims: 11

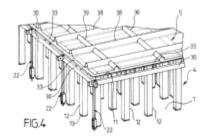
(22) Date of filing of Application :25/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SEALED AND THERMALLY INSULATING TANK

(51) International classification	:F17C3/02	(71)Name of Applicant:
(31) Priority Document No	:1255435	1)GAZTRANSPORT ET TECHNIGAZ
(32) Priority Date	:11/06/2012	Address of Applicant :1 route de Versailles F 78470 Saint
(33) Name of priority country	:France	Remy Les Chevreuse France
(86) International Application No	:PCT/FR2013/051258	(72)Name of Inventor:
Filing Date	:04/06/2013	1)GAZEAU James
(87) International Publication No	:WO 2013/186458	
(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 wall of a sealed and thermally insulated tank comprises: a multilayer structure comprising a sealing barrier (5) and a thermal insulation barrier (4) retaining rods (22) attached to the bearing wall (7) between the insulating elements and extending through the thickness of the multilayer structure to hold the multilayer structure on the bearing wall in which crossmembers (30) are attached to the retaining rods (22) so that a crossmember in each instance extends between two retaining rods at the interface between two insulating elements the cover panels (11) of the insulating elements being connected to the crossmembers (30) so as to be held against the bearing wall by the crossmembers and the sealing barrier (5) being connected to the crossmembers (30) to be held against the insulating element cover panels by the crossmembers.



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

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: AUDIO USER INTERACTION RECOGNITION AND CONTEXT REFINEMENT

(51) International classification: G10L25/48, G10L17/00, H04R1/40 (71) Name of Applicant:

(31) Priority Document No :61/645818 (32) Priority Date :11/05/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/039635

No :06/05/2013 Filing Date

(87) International Publication :WO 2013/169621

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)QUALCOMM INCORPORATED

Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

U.S.A.

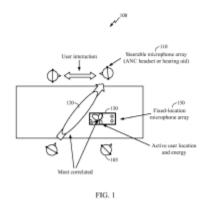
(72) Name of Inventor:

1)KIM Lae Hoon 2)SHIN Jongwon

3)VISSER Erik

#### (57) Abstract:

A system which performs social interaction analysis for a plurality of participants includes a processor. The processor is configured to determine a similarity between a first spatially filtered output and each of a plurality of second spatially filtered outputs. The processor is configured to determine the social interaction between the participants based on the similarities between the first spatially filtered output and each of the second spatially filtered outputs and display an output that is representative of the social interaction between the participants. The first spatially filtered output is received from a fixed microphone array and the second spatially filtered outputs are received from a plurality of steerable microphone arrays each corresponding to a different participant.



No. of Pages: 86 No. of Claims: 80

(22) Date of filing of Application :24/11/2014

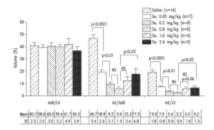
(43) Publication Date: 21/08/2015

# (54) Title of the invention: COMPOSITIONS COMPRISING CHALCOGENIDES AND RELATED METHODS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:61/659,311 :13/06/2012 :U.S.A.	(71)Name of Applicant:  1)FRED HUTCHINSON CANCER RESEARCH CENTER Address of Applicant: 1100 Fairview Avenue North P.O. Box 19024 Seattle Washington 98109 1024 U.S.A.
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PCT/US2013/045395 :12/06/2013 :WO 2013/188528 :NA :NA :NA	(72)Name of Inventor: 1)ROTH Mark B. 2)MORRISON Michael L. 3)IWATA Akiko

# (57) Abstract:

This invention relates to compositions comprising chalcogenides in a reduced form related methods of producing compositions comprising chalcogenides in a reduced form devices for delivering a reduced form of a compound to a subject as well as to methods for treating or preventing injuries or disease using a composition comprising a chalcogenide in a reduced form.



No. of Pages: 71 No. of Claims: 101

(22) Date of filing of Application :24/11/2014

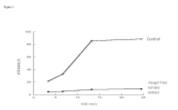
(43) Publication Date: 21/08/2015

# (54) Title of the invention : USE OF TOMATO EXTRACT AS ANTIHYPERTENSIVE AGENT AND PROCESS FOR MAKING WATER SOLUBLE SUGAR FREE TOMATO EXTRACT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61K36/81,A23L1/30,A61P9/12 :61/636,813 :23/04/2012	(71)Name of Applicant:  1)UNIVERSITY OF OSLO  Address of Applicant: P.O. Box 1071 Blindern NO 0316 Oslo
(33) Name of priority country	:U.S.A.	Norway
(86) International Application No Filing Date	:PCT/US2013/037524 :22/04/2013	(72)Name of Inventor: 1)DUTTAROY Asim K.
(87) International Publication No	:WO 2013/163057	
<ul><li>(61) Patent of Addition to</li><li>Application Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

Provided herein is technology relating to tomato extracts and particularly but not exclusively to preparing and using tomato extracts as an anti hypertensive agent to modulate blood pressure.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2393/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/11/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: NOVEL COMPOUNDS

(51) International classification :C07D487/10,A61K31/407,A61P25/00

(31) Priority Document No :1209015.5 (32) Priority Date :22/05/2012

(32) Priority Date :22/05/2017 (33) Name of priority

country :U.K.

(86) International :PCT/GB2013/051335

Application No Filing Date :22/05/2013

(87) International Publication No :WO 2013/175205

(61) Patent of Addition to
Application Number
Filing Date
(22) Principle (12)

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)CONVERGENCE PHARMACEUTICALS LIMITED
Address of Applicant :90 High Holborn London WC1V 6XX

U.K.

(72)Name of Inventor:1)GIBLIN Gerard M P2)MACPHERSON David T

3)WITTY David R 4)STANWAY Steven J

# (57) Abstract:

NOVEL COMPOUNDS The invention relates to spiro derivatives to the use of said derivatives intreating diseases and conditions mediated by modulation of voltage gated sodium channels to compositions containing said derivatives and processes for their preparation.

No. of Pages: 53 No. of Claims: 10

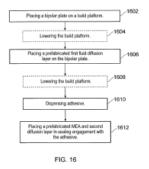
(22) Date of filing of Application :24/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: FUEL CELL ASSEMBLIES AND CORRESPONDING METHODS OF ASSEMBLING

(51) International classification: H01M8/02,H01M8/24,H01M8/10 (71) Name of Applicant: 1)INTELLIGENT ENERGY LIMITED (31) Priority Document No :1209362.1 (32) Priority Date :28/05/2012 Address of Applicant: Charnwood Building Holywell Park (33) Name of priority country Ashby Road Loughborough LE11 3GB U.K. :U.K. (72)Name of Inventor: (86) International Application :PCT/GB2013/051309 1)HOOD Peter David No :20/05/2013 Filing Date (87) International Publication :WO 2013/178987 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

A method of assembling a fuel cell plate assembly the method comprising: placing a bipolar plate on a build point platform (1602); placing a prefabricated first fluid diffusion layer on and in alignment with the bipolar plate (1606); dispensing a first track of adhesive adjacent both the bipolar plate and a peripheral edge of the first fluid diffusion layer (1610); and placing a prefabricated E and second fluid diffusion layer in sealing engagement with the first track of adhesive and thereby forming a seal between the bipolar plate the peripheral edge of the first fluid diffusion layer and the E and second fluid diffusion layer (1612) wherein the method comprises lowering the build point platform (1604 1608) before or after any or all of the placing or dispensing steps (1302 1606 1610 1612).



No. of Pages: 25 No. of Claims: 18

(22) Date of filing of Application :25/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: COMPOSITIONS AND METHODS FOR SILENCING GENE EXPRESSION

(51) International classification	:C12N15/113	(71)Name of Applicant:
(31) Priority Document No	:61/651,131	1)A.B. SEEDS LTD.
(32) Priority Date	:24/05/2012	Address of Applicant: 1 HaGolan Street P.O. Box 1061
(33) Name of priority country	:U.S.A.	7111001 Lod Israel
(86) International Application No	:PCT/IL2013/050447	(72)Name of Inventor:
Filing Date	:23/05/2013	1)AVNIEL Amir
(87) International Publication No	:WO 2013/175480	2)LIDOR NILI Efrat
(61) Patent of Addition to Application	:NA	3)MAOR Rudy
Number	:NA	4)MEIR Ofir
Filing Date	.IVA	5)NOIVIRT BRIK Orly
(62) Divisional to Application Number	:NA	6)YANAI AZULAY Osnat
Filing Date	:NA	

#### (57) Abstract:

A method of introducing naked dsRNA into a seed is provided. The method comprising contacting the seed with the naked dsRNA under conditions which allow penetration of the dsRNA into the seed thereby introducing the dsRNA into the seed.



FIG. 1A

No. of Pages: 254 No. of Claims: 34

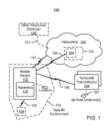
(22) Date of filing of Application :26/11/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention : METHODS AND APPARATUSES FOR AFFECTING A MOTION MODEL WITHIN A MOBILE DEVICE

#### (57) Abstract:

Methods apparatuses and articles of manufacture are provided which may be implemented at least in part in a mobile device and used to affect one or more motion models and/or the like based at least in part on one or more determined range rates for one or more wireless signals acquired from one or more terrestrial transmitters. Here for example a range rate may be determined based at least in part on a measured phase value and/or a measured Doppler value.



No. of Pages: 43 No. of Claims: 60

(22) Date of filing of Application :26/11/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention : SIGNALLING OF MAXIMUM DYNAMIC RANGE OF INVERSE DISCRETE COSINE TRANSFORM

(51) International classification:H04N 7/30(31) Priority Document No:60/862,591(32) Priority Date:23/10/2006(33) Name of priority country:U.S.A.

(86) International Application No Filing Date :23/10/2007

(87) International Publication No :WO/2008/052007

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

(62) Divisional to Application Number :643/MUMNP/2009 Filed on :31/03/2009 (71)Name of Applicant:

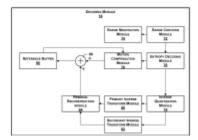
1)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive, San Diego, California 92121-1714, United States of America U.S.A.

:PCT/US2007/082291 (72)Name of Inventor : :23/10/2007 1)REZNIK, Yuriy

#### (57) Abstract:

Techniques are described to signal a maximum dynamic range of inverse discrete cosine transform ( IDCT ) output values that may be produced when a set of encoded media data is decoded. In accordance with these techniques, an encoding device may generate a media file that includes encoded media data associated with a set of one or more video frames. The media file may also include a range indication element that indicates the maximum dynamic range of IDCT output values produced when the encoded media data is decoded. A decoding device that receives the media file may, prior to decoding the encoded media data, use the range indication element to determine whether to decode the encoded media data. For instance, the decoding device may not decode the encoded media data when the decoding device is not capable of producing IDCT output values in the indicated range of IDCT output values.



No. of Pages: 53 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2407/MUMNP/2014 A

(19) INDIA

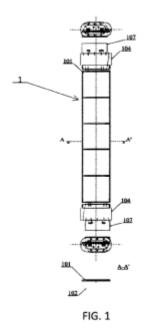
(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: HYBRID SOLAR GENERATOR

(51) International classification	:H01L31/058	(71)Name of Applicant:
(31) Priority Document No	:N.NA 2012 A 000019	1)TIANO Antonio Address of Applicant :Via Trento 74/E I 84016 Pagani (SA)
(32) Priority Date	:26/04/2012	ITALY Italy
(33) Name of priority country	:Italy	2)TIANO Francesco Antonio
(86) International Application No	:PCT/IT2013/000121	3)TIANO Luca
Filing Date	:24/04/2013	4)BUKSHTYNAVA Aksana
(87) International Publication No	:WO 2013/160925	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)TIANO Francesco Antonio
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

An hybrid solar generator (1) is described comprising at least one photo voltaic module (100; 101) contained inside at least one containing means (102) which is at least partially transparent such module (100; 101) being immersed at least partially into at least one dielectric fluid contained inside such containing means (102).



No. of Pages: 44 No. of Claims: 15

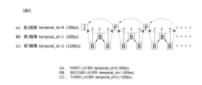
(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: TRANSMISSION/RECEPTION DEVICE METHOD AND CODING/DECODING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:21/06/2013 :WO 2014/002914 :NA :NA	(71)Name of Applicant:  1)SONY CORPORATION  Address of Applicant: 1 7 1 Konan Minato Ku Tokyo 1080075  Japan (72)Name of Inventor:  1)YUZAWA Keiji 2)SUZUKI Teruhiko
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The purpose of the present invention is to achieve with ease a high frame frequency service. Image data for each of a plurality of pictures configuring video image data is categorized into a plurality of layers. Image data of each layer is coded such that pictures to which the image data refers belong to the same layer as the image data and/or a layer lower than the image data layer. A container having a prescribed format and including a video steam having the coded image data of each layer is transmitted. As a result only one program or one file is transmitted and thus a service that can handle various frame frequencies can be provided and administrative costs can be reduced. At the reception side coded image data of layers equal to or lower than a prescribed layer can be selectively extracted and decoded and played back at a frame frequency suitable for the playback capability of the device thereby effectively promoting the distribution of reception devices.



No. of Pages: 77 No. of Claims: 18

(22) Date of filing of Application :26/11/2014 (43) Publication Date: 21/08/2015

#### (54) Title of the invention: BONE FUSION DEVICE

(51) International :A61B17/56,A61B17/58,A61B17/70 classification

(31) Priority Document No :13/482,778 (32) Priority Date :29/05/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/042066

Application No :21/05/2013

Filing Date (87) International Publication :WO 2013/181024

(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)NEUROPRO TECHNOLOGIES INC.

Address of Applicant: 7442 River Nine Drive Modesto

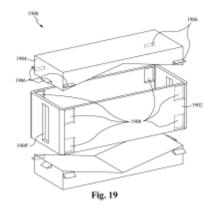
California 95356 U.S.A. (72)Name of Inventor: 1)MCLUEN Garv R.

2) REMINGTON Benjamin J.

3)BAKER Daniel R. 4)LOGAN Joseph N. 5)STALCUP Gregory C.

#### (57) Abstract:

A bone fusion device provides stability to bones during a bone fusion period. The bones include for example the vertebrae of a spinal column. The bone fusion device comprises one or more extendable tabs attached to the bone fusion device by associated rotating means. The bone fusion device is preferably inserted by using an arthroscopic surgical procedure. During arthroscopic insertion of the device the tabs are pre configured for compactness. In this compact configuration the tabs are preferably deposed along and/or within an exterior surface of the bone fusion device. After the bone fusion device has been positioned between the bones one or more tab(s) are extended. In the preferred embodiment the position of each tab is related to a positioning element and extending blocks. Typically the tabs advantageously position and brace the bone fusion device in the confined space between the bones until the bones have fused.



No. of Pages: 80 No. of Claims: 43

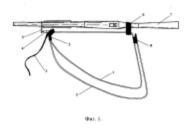
(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

#### (54) Title of the invention: DOLG M3 TACTICAL GUN BELT

(51) International classification: F41C23/02,F41C33/00,A45F3/14 (71)Name of Applicant: (31) Priority Document No :2012117403 1)KHARLAMPOV Vladimir Vladimirovich (32) Priority Date :27/04/2012 Address of Applicant: Volokolamskoe shosse 13 kv. 81 (33) Name of priority country Moscow 125080 Russia :Russia (86) International Application (72) Name of Inventor: :PCT/RU2013/000102 No 1)KHARLAMPOV Vladimir Vladimirovich :12/02/2013 Filing Date (87) International Publication :WO 2013/180596 (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 gun technology and specifically to belts for a gun used by special detachments. The tactical gun belt comprises a length adjustable sling in the form of a loop a carrying sling clamp on the barrel a rapidly detachable element for fixing to the gun barrel block and an element for fixing to the gun butt or an element for fixing to the rear carrying sling clamp on the gun breech a sling adjustment unit and a tightening strap which passes through the sling adjustment unit wherein one end of said sling is fixed via the rapidly detachable element to the carrying sling clamp on the barrel and the other end is left free. The novelty resides in the fact that the belt additionally comprises a rapid adjustment unit through which the sling in the form of a loop passes. Such an embodiment of a gun belt makes it possible very rapidly to adjust the length of the belt and to incorporate a large adjustment margin of the basic loop which makes it possible to transform and use the belt on virtually any type of personal small arms: on submachine guns automatic rifles sniper rifles smooth bore guns etc.



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

(22) Date of filing of Application :26/11/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: METHOD AND DEVICE FOR MIXING AT LEAST TWO LIQUID COMPONENTS

system. A feed component which is under a hydraulic pressure that is constantly adjusted in particular is fed to a parent component which is under a hydraulic pressure that is constantly adjusted in particular in a discontinuous manner through an adjustable passage cross section. An actual feed quantity of the feed component is detected and the feed quantity of the feed component is regulated relative to a target feed quantity for the feed component such that a timing of the discontinuous feed and the

(51) International classification :B01F15/04,B01F3/08,G05D11/13 (71)Name of Applicant : (31) Priority Document No :10 2012 010 544.4

(32) Priority Date :29/05/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/000848

passage cross section for the feed component are influenced.

No :20/03/2013 Filing Date

(87) International Publication

:WO 2013/178306

(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 method for mixing at least two liquid components in particular of a two or multi component wet coating

1)J. WAGNER AG

Address of Applicant : Industriestrasse 22 CH 9450 Altsttten

Switzerland

(72)Name of Inventor: 1)LUTZ Gilbert

2)MANSER Josef

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B 13 15 15 15 15 15 15 15 15 15 15 15 15 15

No. of Pages: 29 No. of Claims: 11

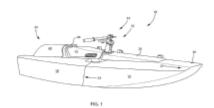
(22) Date of filing of Application :17/10/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MODULAR PERSONAL WATERCRAFT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:25/04/2013 :WO 2013/163445 :NA	(71)Name of Applicant: 1)BOMBOARD LLC Address of Applicant: N7462 Rock County Road Whitewater WI 53190 U.S.A. U.S.A. (72)Name of Inventor: 1)WEST John H. 2)STUBKJAER Anders
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Personal watercraft and watercraft power systems that include a power pod for supporting a power plant and a propulsion unit. An engine or an electric motor and a pump assembly are enclosed in the power pod. One or more sponsons removably cooperate with the power pod via a mechanical interface such as dovetail joints and/or interlocking channels formed between the power pod and the respective sponsons. A plurality of tool lessly operable mechanical interfaces locking mechanism(s) and fluid or electrical signal connectors allow the sponson(s) to be selectively secured to the power pod such that the resultant watercraft is modular and transportable by a single person when necessary.



No. of Pages: 61 No. of Claims: 30

(22) Date of filing of Application :26/11/2014

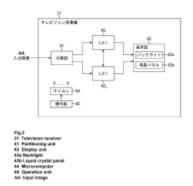
(43) Publication Date: 21/08/2015

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

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04N5/66,G09G5/00 :2012-138674 :20/06/2012 :Japan :PCT/JP2013/066025 :11/06/2013 :WO 2013/191027 :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075  Japan (72)Name of Inventor: 1)OHTA Akihiro 2)IIKAWA Kei
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#### (57) Abstract:

The present disclosure relates to a signal processing device signal processing method and program capable of processing an input signal of a larger data volume without increasing the size of a chip for signal processing. A partitioning unit partitions input data into a plurality of different partitioned data units and a plurality of LSIs each process the plurality of different partitioned data units. Furthermore the LSIs perform first data processing on the partitioned data units transmit first processing results acquired by way of the processing to another LSI and receive second processing results transmitted from another LSI. The present disclosure for example can be applied to a television receiver and the like.



No. of Pages: 57 No. of Claims: 8

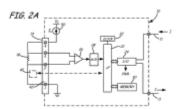
(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

# $(54) \ Title \ of \ the \ invention: INDUSTRIAL \ PROCESS \ TEMPERATURE \ TRANSMITTER \ WITH \ SENSOR \ STRESS \ DIAGNOSTICS$

(51) International classification :G01K15/00,G01K7/02,G01K1/02 (71)Name of Applicant : (31) Priority Document No 1)ROSEMOUNT INC. :13/537,532 (32) Priority Date Address of Applicant :8200 Market Boulevard Chanhassen :29/06/2012 (33) Name of priority country MN 55317 U.S.A. :U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2013/044144 1)ELKE Anthony Michael :04/06/2013 Filing Date (87) International Publication :WO 2014/003996 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

A temperature transmitter (10) for sensing a temperature of an industrial process includes a temperature sensor arranged to provide a sensor (18) output related to the temperature of the industrial process. Measurement circuitry (26 28) is coupled to the temperature sensor (18) and configured to determine the temperature of the industrial process based upon the sensor output. Output circuitry (24) provides an output related to the measured temperature. A memory (24) is configured to store temperature information related to excessive temperature events experienced by the temperature sensor (18). Diagnostic circuitry (22) diagnoses a condition of the temperature sensor (18) or other components based upon the stored temperature information (30).



No. of Pages: 17 No. of Claims: 20

(22) Date of filing of Application :30/12/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention : METHODS SYSTEMS AND APPARATUSES FOR USING UE ENVIRONMENTAL STATUS INFORMATION TO IMPROVE MOBILITY HANDLING AND OFFLOAD DECISIONS

(51) International classification :G05D1/02,H04W36/32,H04W64/00

(31) Priority Document No :61/674,220 (32) Priority Date :20/07/2012

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

country :U.S.A

(86) International PCT/US2013/050304 Application No

Filing Date :12/07/2013

(87) International Publication: WO 2014/014776

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)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)HORN Gavin Bernard

2)GAAL Peter

3)MALLADI Durga Prasad

#### (57) Abstract:

User equipment (UE) connection handling is disclosed in which UE environmental status information is used at a network entity to make informed decisions regarding mobility handling and data offloading. A UE determines its environmental status information based on input from at least one non RF sensor located in the UE. The UE generates and then transmits a control message comprising the UE environmental status information to a network entity in communication with the UE. The network entity receives the control message and uses the UE environmental status information to manage a connection of the associated UE based at least in part on the UE environmental status information.

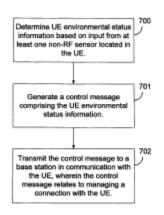


FIG. 7

No. of Pages: 56 No. of Claims: 62

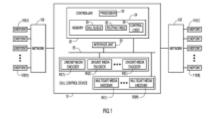
(22) Date of filing of Application :26/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: MULTICAST MEDIA NOTIFICATION FOR QUEUED CALLS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(26) International Application No.</li> </ul>	:H04L12/18 :13/525,538 :18/06/2012 :U.S.A.	(71)Name of Applicant:  1)CISCO TECHNOLOGY INC.  Address of Applicant: 170 West Tasman Drive San Jose CA 95134 1706 U.S.A.
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:PC1/0S2013/041499 :17/05/2013 :WO 2013/191834 :NA :NA :NA	<ul> <li>(72)Name of Inventor:</li> <li>1)GREENSLADE Thomas D.</li> <li>2)LEAVER Guy C.</li> <li>3)COFFEY Murlin H.</li> <li>4)HUGHES Ian D.</li> <li>5)CRESSWELL Jason</li> </ul>

#### (57) Abstract:

Multicast media notifications are provided when unicast media encoders are unavailable to serve endpoints that send a communication session request to a call control device. When the call control device receives a communication session request from an endpoint a determination is made as to whether any one of a plurality of unicast media encoders is available for the communication session request. When it is determined that none of the plurality of unicast media encoders is available the endpoint is connected to a multicast media encoder that presents a multicast media notification to the endpoint.



No. of Pages: 28 No. of Claims: 27

(22) Date of filing of Application :26/11/2014

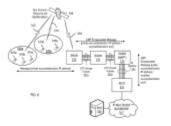
(43) Publication Date: 21/08/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR EFFICIENT USE OF RADIO RESOURCES IN MULTICAST SERVICES IN MOBILE WIRELESS COMMUNICATIONS SYSTEMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H04W80/00 :61/650,443 :22/05/2012 :U.S.A. :PCT/US2013/042320 :22/05/2013 :WO 2013/177345 :NA	(71)Name of Applicant:  1)HUGHES NETWORK SYSTEMS LLC Address of Applicant:11717 Exploration Lane Germantown MD 20876 U.S.A. (72)Name of Inventor:  1)RAVISHANKAR Channasandra 2)ARUR Deepak 3)BENAMMAR Nassir
- 10		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Approaches for resource efficient multicast communications in mobile satellite systems are provided. A wireless gateway is configured to encapsulate multicast signaling messages received from participating remote terminals. The encapsulation is compatible with the core network of the system whereby the signaling is passed through the core network undetected. The signaling is received by a multicast gateway and provides necessary IP and port addressing information for the multicast gateway to encapsulate the multicast session data in a manner compatible with the core network. Upon receiving multicast session data from a multicast server the multicast gateway replicates and encapsulates each data packet with IP and port addressing for each participating remote terminal which is also passed through the core network undetected. The wireless gateway receives the replicated data packets and based on the encapsulation information transmits each data packet via a broadcast transmission to each cell wherein participating terminals are located.



No. of Pages: 64 No. of Claims: 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2655/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: METHODS OF PREVENTING TUMOR METASTASIS TREATING AND PROGNOSING CANCER AND IDENTIFYING AGENTS WHICH ARE PUTATIVE METASTASIS INHIBITORS

(51) International :A61K39/395,A61K45/06,A61K31/353

classification

(31) Priority Document

:61/731,003 (32) Priority Date :29/11/2012 (33) Name of priority :U.S.A.

country

(86) International

:PCT/IL2013/050986 Application No :28/11/2013

Filing Date

(87) International

:WO 2014/083567 **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)YEDA RESEARCH AND DEVELOPMENT CO. LTD.

Address of Applicant :at the Weizmann Institute of Science

P.O. Box 95 7610002 Rehovot Israel

(72) Name of Inventor:

1)YARDEN Yosef

2)BEN CHETRIT Nir

# (57) Abstract:

A method of preventing tumor metastasis with the proviso that the tumor is not glioma is provided. The method comprising administering to a subject in need thereof a therapeutically effective amount of an inhibitor of synaptojanin 2 (SYNJ2) thereby preventing tumor metastasis. Also provided is a method of treating cancer. The method comprising administering to a subject in need thereof a therapeutically effective amount of an inhibitor of synaptojanin 2 (SYNJ2) and an inhibitor of a cell surface receptor associated with an onset or progression of cancer thereby treating cancer.

No. of Pages: 120 No. of Claims: 22

(22) Date of filing of Application :30/12/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: HUMANIZED ANTI TRKA ANTIBODIES WITH AMINO ACID SUBSTITUTIONS

(51) International classification	:C07K16/28,A61P29/00,A61K39/395	(71)Name of Applicant: 1)GLENMARK PHARMACEUTICALS S.A.
(31) Priority Document No	:61/657,184	Address of Applicant :Chemin de la combeta 5 CH 2300 la
(32) Priority Date	:08/06/2012	Chaux de Fonds Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)BLEIN Stanislas
(86) International Application No Filing Date	:PCT/IB2013/054688 :07/06/2013	2)OLLIER Romain 3)SKEGRO Darko
(87) International Publication No	:WO 2013/183032	
<ul> <li>(61) Patent of Addition to</li> <li>Application Number</li> <li>Filing Date</li> <li>(62) Divisional to</li> <li>Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA	

# (57) Abstract:

The present invention relates to antibodies directed against TrkA receptor and their uses including humanized anti TrkA antibodies. More specifically the present invention relates to humanized anti TrkA antibodies with enhanced inhibitory properties comprising a heavy chain variable region a light chain variable region a human light chain constant region and a variant human IgG4 heavy chain constant region which exhibit altered exchange properties.

No. of Pages: 227 No. of Claims: 56

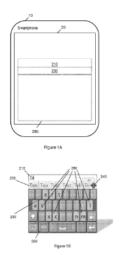
(22) Date of filing of Application :25/11/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHODS CONTROLLERS AND DEVICES FOR ASSEMBLING A WORD

(31) Priority Document No (32) Priority Date	:G06F3/023,G06F3/00,G06F17/00 :2012902255 :30/05/2012	1)CHOMLEY CONSULTING PTY. LTD Address of Applicant :5 Beatrice Avenue Surrey Hills Victoria
(33) Name of priority country (86) International Application No Filing Date	:Australia :PCT/AU2013/000568 :30/05/2013	3127 Australia (72)Name of Inventor: 1)CHOMLEY Timothy Michael
(87) International Publication No	:WO 2013/177624	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

A method of assembling a word comprising: a memory storing a sequence of one or more word components of the word; a word locator for locating a set of one or more valid words from a plurality of possible words each valid word comprising a sequence of one or more word components corresponding to the sequence of word components stored in the memory; the processor receiving a user input from a keyboard device having a plurality of keys respectively associated with a plurality of possible word components; a word component determiner to validate that a user input word component is a valid subsequent word component that validly continues from the sequence of word components and a word component adder of the processor adding the user input word component to the stored sequence of word components of the word.



No. of Pages: 135 No. of Claims: 110

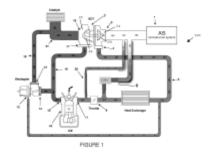
(22) Date of filing of Application :29/12/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: VARIABLE FLOW VALVE FOR TURBOCHARGERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:19/06/2013 :WO 2013/192281 :NA	(71)Name of Applicant:  1)DAYCO IP HOLDINGS LLC Address of Applicant: 2025 W. Sunshine Street Suite L145 Springfield MO 65807 U.S.A. (72)Name of Inventor: 1)GRAICHEN Brian 2)FLETCHER Dave 3)MARKYVECH Craig
(61) Patent of Addition to Application		

#### (57) Abstract:

A variable flow valve with position feedback is disclosed. The variable flow valve includes a housing having an inlet port and a discharge port and one or more control ports and also includes a piston connected to a primary valve to open and close fluid communication between an inlet port and a discharge port of the housing. The housing and the piston intermesh to define an inner chamber and an outer chamber each in fluid communication with its own control port. A control port valve opens and closes at least one of the control ports to control access to a source of pressure change. A position sensor is part of the position feedback and communicates the position of the primary valve relative to the discharge port to a controller that operates the control port valve to hold the primary valve in a position where the discharge port is partially open.



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

(22) Date of filing of Application :29/12/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: METHOD FOR OBTAINING HIGHER ALCOHOLS

(51) International :B01J23/62,B01J23/89,B01J23/656 classification

(31) Priority Document No :12382261.1 (32) Priority Date :29/06/2012

(33) Name of priority country: EPO

(86) International Application :PCT/ES2013/070448 No

:01/07/2013 Filing Date

(87) International Publication

:WO 2014/001597 (61) Patent of Addition to

**Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)ABENGOA BIOENERG • A NUEVAS TECNOLOG • AS

S.A.

Address of Applicant : C/ Energa Solar 1 Campus Palmas Altas

E 41014 Sevilla Spain

(72) Name of Inventor:

1)ARJONA ANTOL • N Ricardo

2)SANZ YAGE Juan Lus 3)CORMA CANS Avelino 4)DOMINE Marcelo Eduardo 5) VIDAL BARRERO Fernando

6)LADRN DE GUEVARA VIDAL Francisco Antonio

(57) Abstract:

The invention relates to a method for obtaining higher alcohols from lower alcohols with a catalyst that is a metal oxide comprising gallium and a noble metal selected from the list containing Pd Pt Ru Rh and Re.

No. of Pages: 38 No. of Claims: 23

(22) Date of filing of Application :29/12/2014

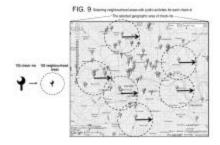
(43) Publication Date: 21/08/2015

### (54) Title of the invention: INTEREST PROFILE OF A USER OF A MOBILE APPLICATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:03/06/2013 :WO 2013/179071	(71)Name of Applicant: 1)LOCOMIZER LTD Address of Applicant: 3rd Floor Carvers Warehouse 77 Dale Street Manchester M1 2HG U.K. (72)Name of Inventor: 1)POLIAKOV Alexei 2)POLIAKOV Alexei
* /	:WO 2013/179071 :NA :NA	2)POLIAKOV Alexei
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A method and electronic device are disclosed. A user is the user of at least one application executable on or accessible via an electronic device. The at least one application is executable to communicate with a check in service configured to receive check in data comprising identification data of the user location data of a venue for which the user is able to perform a check in event via said application or said service and time data for the check in event indicative of when the check in event took place. The check in data is obtained and then analyzed to identify at least one activity taking place within the given geographical area and at least one corresponding venue within the given geographical area. Said at least one corresponding venue with regard to the corresponding at least one activity is categorized. The interest profile is generated or amended by the user based on the step of analysing. Said interest profile comprises data of the user's interaction with the at least one activity corresponding to the at least one venue.



No. of Pages: 69 No. of Claims: 25

(21) Application No.2651/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: ANTIADHESIVE MATERIAL

(51) International classification	:A61L31/00,A61B17/00	(71)Name of Applicant:
(31) Priority Document No	:2012-180332	1)NIPRO CORPORATION
(32) Priority Date	:16/08/2012	Address of Applicant :9 3 Honjo nishi 3 chome Kita ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5318510 Japan
(86) International Application No	:PCT/JP2013/069921	(72)Name of Inventor:
Filing Date	:23/07/2013	1)NAKAMURA Yusuke
(87) International Publication No	:WO 2014/027545	2)MATSUDA Kazuhisa
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This antiadhesive material includes as an active ingredient thereof: poly glutamic acid having a weight average molecular weight in the range of 600000 13000000 or a kinematic viscosity at 37°C in the range of 2cSt to 15cSt when dissolved in distilled water at a concentration of 0.05 mass%; and/or a salt thereof. This antiadhesive material is capable of being provided having an arbitrary form as a powder or a gel for instance and thus is easy to handle even with respect to relatively localized surgery such as endoscopic surgery and can more reliably inhibit adhesion.

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

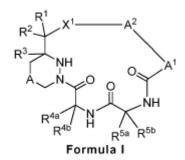
(22) Date of filing of Application :30/12/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: MACROCYCLIC INHIBITORS OF FLAVIVIRIDAE VIRUSES

(71)Name of Applicant: 1) GILEAD SCIENCES INC. (51) International :C07D487/18,C07D498/18,A61K31/504 Address of Applicant: 333 Lakeside Drive Foster City classification California 94404 U.S.A. (31) Priority Document 2)SELCIA LIMITED :61/657,550 (72)Name of Inventor: (32) Priority Date :08/06/2012 1)ACIRO Caroline (33) Name of priority :U.S.A. 2)STEADMAN Victoria Alexandra country 3)PETTIT Simon Neil (86) International :PCT/US2013/044826 4)POULLENNEC Karine G. Application No :07/06/2013 5)LAZARIDES Linos Filing Date 6)DEAN David Kenneth (87) International :WO 2013/185103 7) DUNBAR Neil Andrew Publication No (61) Patent of Addition to :NA 8)HIGHTON Adrian John 9)KEATS Andrew John **Application Number** :NA 10)SIEGEL Dustin Scott Filing Date 11)KARKI Kapil Kumar (62) Divisional to :NA 12) SCHRIER Adam James **Application Number** :NA 13)JANSA Petr Filing Date 14)MACKMAN Richard 15)CHIVA Jean Yves

### (57) Abstract:

Provided are compounds of Formula I: and pharmaceutically acceptable salts and esters thereof. The compounds compositions and methods provided are useful for the treatment of virus infections particularly hepatitis C infections.



No. of Pages: 512 No. of Claims: 37

(22) Date of filing of Application :30/12/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: CELL SELECTION BASED ON FAVORABLE ULDL CONFIGURATION IN LTE/TDD NETWORKS

(51) International classification :H04W36/16,H04W36/08,H04W36/00

(31) Priority Document No :61/677,343 (32) Priority Date :30/07/2012

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

country

(86) International :PCT/US2013/052740

Application No Filing Date :30/07/2013

(87) International

Publication No :WO 2014/022405

(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)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)JAIN Sachin

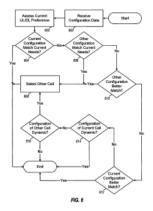
2)SAHU Debesh Kumar

3)GAAL Peter

4)CHALLA Raghu Narayan

### (57) Abstract:

Cell selection procedures performed in a wireless network are disclosed that include determining a uplink/downlink (ULDL) preference of a User Equipment (UE) in communication with a first evolved Node B (eNB) having a first ULDL configuration and a second eNB having a second ULDL configuration. The UE compares the first and second ULDL configurations to the ULDL preference. The UE selects the first eNB based on the first ULDL configuration matching the ULDL preference. In alternative aspects a first eNB having a first ULDL configuration and in communication with a UE receives the ULDL preference of the UE. The first eNB compares the first ULDL configuration and a second ULDL configuration of a second eNB in communication with the UE to the ULDL preference. The first eNB selects the second eNB based on the second ULDL configuration matching the ULDL preference.



No. of Pages: 36 No. of Claims: 40

(22) Date of filing of Application :30/12/2014

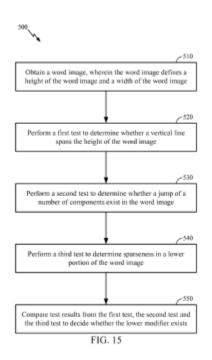
(43) Publication Date: 21/08/2015

## (54) Title of the invention: LOWER MODIFIER DETECTION AND EXTRACTION FROM DEVANAGARI TEXT IMAGES TO IMPROVE OCR PERFORMANCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:61/673,606 :19/07/2012 :U.S.A.	(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)KRISHNA KUMAR Raj Kumar  2)BAHETI Pawan Kumar
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Systems apparatus and methods for extracting lower modifiers from a word image before performing optical character recognition (OCR) based on a plurality of tests comprising a first test a second test and a third test are presented. The method obtains the word image and performing a plurality of tests (e.g. a first test a second test and a third test). The first test determines whether a vertical line spanning the height of the word image exists. The second test determines whether a jump of a number of components in the lower portion of the word image exists. The third test determines sparseness in a lower portion of the word image. The plurality of tests may run sequentially and/or in parallel. Results from the plurality of tests are used to decide whether a lower modifier exists by comparing and accumulating test results from the plurality of tests.



No. of Pages: 42 No. of Claims: 22

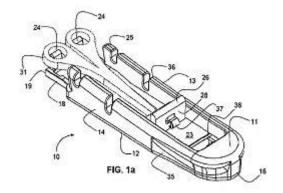
(22) Date of filing of Application :03/01/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: PASSING TRAY FOR SURGICAL INSTRUMENTS

	:A61B	(71)Name of Applicant:
(51) International classification	17/00,	1)SCALPAS LLC
	A61B19/02	Address of Applicant :C/O SOLOMON SPETNER 1777
(31) Priority Document No	:NA	REISTERTOWN RD SUITE 275 BALTIMORE 21208 USA
(32) Priority Date	:NA	U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GITMAN, ELIOT ROBERT
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		<u> </u>

### (57) Abstract:

A passing tray (10) for surgical instruments includes a holder (11) having a base portion (12), opposing side portions (13, 14) open at a first end (15) and an end portion (16). A sliding member (18) having front and rear edges (19, 20) is slidably supported within the holder. At least one support member (22) projects upwardly from a surface (23) of the sliding member toward its front edge, and an actuator (26) projects upwardly from the surface of the sliding member intermediate the front and rear edges thereof and has front and rear surfaces (27, 28) facing toward the front and rear edges of the sliding member, respectively. In use an elongated surgical instrument (31, 33) may be retained transversely between opposing surfaces of the support member and the open first end of the holder under force of the actuator.



No. of Pages: 20 No. of Claims: 15

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

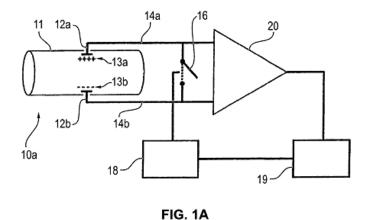
(43) Publication Date: 21/08/2015

### (54) Title of the invention: MEASUREMENT DEVICE FOR MEASURING THE FLOW VELOCITY OF A MEDIUM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01F1/60 :PCT/EP2012/057939 :30/04/2012 :EPO :PCT/EP2013/058962 :30/04/2013 :WO 2013/164329 :NA :NA	CO. PATENTE II KG Address of Applicant :Berliner Str. 1 12529 Schnefeld /
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### (57) Abstract:

The invention relates to a measurement device for measuring the flow velocity of an electrically conductive medium in a volume which is permeated by a magnetic field having a means for generating the magnetic field at least two electrodes and an evaluation unit which evaluates a signal of the electrodes and calculates the flow velocity the at least two electrodes being connected to a switch which is designed to short circuit the electrodes.



No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :28/11/2014 (43) Publication Date: 21/08/2015

### (54) Title of the invention: HEXADEPSIPEPTIDE ANALOGUES AS ANTICANCER COMPOUNDS

(51) International :C07K11/02,A61K38/15,A61P35/00 classification

(31) Priority Document No :61/643814 (32) Priority Date :07/05/2012

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

(86) International Application: PCT/IB2013/053613

:06/05/2013 Filing Date

(87) International Publication :WO 2013/168075 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)PIRAMAL ENTERPRISES LIMITED

Address of Applicant: Piramal Tower Ganpatrao Kadam Marg

Lower Parel Mumbai 400 013 Maharashtra India

(72) Name of Inventor:

1)MISHRA Prabhu Dutt

2)EYYAMMADICHIYIL Sreekumar Sankaranarayanan

3)GEORGE Saji David 4)SONAWANE Shailendra 5)CHAKOR Narayan Subhash 6)ROYCHOWDHURY Abhijit

7)SHARMA Rajiv

### (57) Abstract:

This invention relates to an isolated compound of Formula (1) or derivatives or pharmaceutically acceptable salts thereof. The invention also includes all isomeric and tautomeric forms of the compound of Formula (1) or the derivatives thereof. The present invention further relates to processes for the production of the compound of Formula (1) by fermentation of the fungal strain of Actinomycetes (PM0895172/MTCC 684) pharmaceutical compositions comprising the compound of Formula (1) as the active ingredient; and use of the said compounds or composition containing them in the treatment of cancer.

No. of Pages: 54 No. of Claims: 22

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: STATIC POSTURE BASED PEOPLE IDENTIFICATION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:G06K 9/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant:Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India (72)Name of Inventor: 1)CHAKRAVARTY, Kingshuk
Filing Date	:NA	2)VEMPADA, Ramu Reddy
(87) International Publication No	: NA	3)CHATTOPADHYAY, Tanushyam
(61) Patent of Addition to Application Number	:NA	4)SINHA, Aniruddha
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A method for identifying an unknown person based on a static posture of the unknown person includes receiving data of N skeleton joints of the unknown person from a skeleton recording device (104). The method further includes identifying the static posture of the unknown person. The method also includes extracting a static posture feature set corresponding to the static posture of the unknown person, where the static posture feature set is extracted based on the data of the N skeleton joints of the unknown person. The method further includes identifying the unknown person as one from amongst a plurality of known persons based on comparison of the static posture feature set for the unknown person with the training static posture feature sets for the plurality of known persons and corresponding to the static posture.

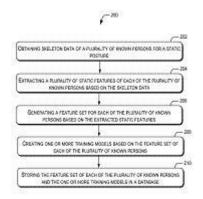


Figure 2

No. of Pages: 27 No. of Claims: 19

(21) Application No.2139/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: PLANT DEFOLIANT COMPOSITION

(51) International :A01N47/36,A01N47/12,A01N41/02 classification :201210287013 2

(31) Priority Document No :201210287013.2 (32) Priority Date :13/08/2012 (33) Name of priority

country :China

(86) International PCT/CN2013/080158
Application No

Filing Date :26/07/2013

(87) International

Publication No :WO 2014/026535

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

(71)Name of Applicant:

1)SICHUAN GUOGUANG AGROCHEMICAL CO. LTD. Address of Applicant :No. 80 Qipan Road Jianyang Sichuan

641400 China

(72)Name of Inventor:

1)HE Peng 2)YAN Yaqi 3)PENG Shanying

### (57) Abstract:

Filing Date

The present invention relates to a plant growth regulator and in particular relates to a plant defoliant composition which can be used for promoting the formation of separation tissues between the plant petioles and stems so as to promote drop of plant leaves. The plant defoliant composition comprises the following components in percentage by weight: 30 to 100 percent of thidiazuron nereistoxin insecticide and the balance of aids wherein the mass ratio of the thidiazuron to the nereistoxin insecticide is 1: (1 5). The plant defoliant composition has a synergistic effect and the defoliant effect of plants can be effectively improved.

No. of Pages: 22 No. of Claims: 13

(22) Date of filing of Application :29/11/2014

(43) Publication Date: 21/08/2015

## (54) Title of the invention : COMPOSITE PACK WITH A POURING ELEMENT AND BLANK FOR PRODUCING SUCH A PACK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:28/06/2013 :WO 2014/001507 :NA :NA	(71)Name of Applicant:  1)SIG TECHNOLOGY AG  Address of Applicant: Laufengasse 18 CH 8212 Neuhausen am Rheinfall Switzerland (72)Name of Inventor:  1)BACKES Martin 2)HUBER Hansjrg
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

### (57) Abstract:

The invention illustrates and describes a composite pack in particular a parallelepipedal cardboard/plastics material composite pack for pourable products having an opening region (1) which is provided in the pack gable and following severing by way of a pouring element applied thereto forms a pouring opening wherein the pouring element comprises a basic body a cutting element which is arranged in a movable manner therein and a screw cap wherein the screw cap serves for opening the pack (P) for the first time by activation of the cutting element and for re closing purposes and wherein the opening region (1) has a weakening line (2) in the composite assembly and also a hinge region (3) at which the part (4) of the opening region (1) said part being produced following severing of the weakening line (2) is pivoted into the pack interior and retained there as well as a blank provided for this purpose and a corresponding pouring element. In order for it to be readily possible for the pouring opening to be easily and reliably opened and kept open when the self opening pouring element is actuated for the first time it is provided that the weakening line (2) has a first round portion (2A) and a second portion (2B) which runs between the first portion (2A) and the hinge region (3) and that the movement of the cutting element causes the weakening line in the first portion (2A) to be cut and in the second portion (2B) to tear.

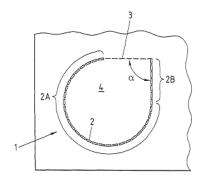


Fig.2

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

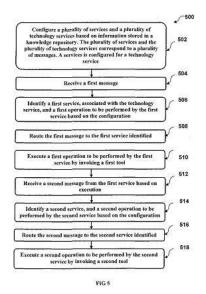
(22) Date of filing of Application :15/11/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention : A SYSTEM AND METHOD PROVIDING SERVICE INTEGRATION FRAMEWORK FOR OPERATIONAL AND TECHNOLOGY SERVICES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06Q10/00, G06F 9/00 :NA :NA :NA	(71)Name of Applicant:  1)TATA CONSULTANCY SERVICES LIMITED  Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DESHMUKH, VEENA S
(87) 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:

Systems and methods for configuring and executing services are disclosed. A plurality of services and a plurality of technology services are configured based on information stored in a knowledge repository. The plurality of services and the plurality of technology services correspond to a plurality of messages. The service is configured for a technology service. The configuration comprises transformation, validation and operation data, a service adapter and tools associated with each service and a plurality of operations to be performed by the tools corresponding to each service. Based on the configuration, a first service and a first operation identified corresponding to a first message. The first message is routed to the first service identified and the first operation is performed by invoking a first tool. After performing the operation, a second message is sent to identify the second service. Subsequently, the second service performs a second operation by invoking a second tool and sends result to the first service. The first service sends the results to the user.



No. of Pages: 31 No. of Claims: 16

(21) Application No.2053/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: SURGICAL BUR WITH NON PAIRED FLUTES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61B17/16 :13/447372 :16/04/2012 :U.S.A. :PCT/US2013/036269 :12/04/2013 :WO 2013/158469 :NA :NA :NA	(71)Name of Applicant:  1)MEDTRONIC PS MEDICAL INC. Address of Applicant: 4620 Beach Street Fort Worth TX 76137 U.S.A. U.S.A. (72)Name of Inventor: 1)KULAS John W. 2)STEARNS Donald E.
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### (57) Abstract:

A surgical dissection tool for cutting bone and other tissue includes a cutting head having an outer surface having non paired or an odd number of flutes formed therein. Each flute includes a rake surface intersecting with the outer surface to form a cutting edge and a relief surface opposite the rake surface. The relief surface and the rake surface form a first angle. Each flute also includes a leading angled surface extending from the relief surface to a distal end portion of the cutting head the leading angled surface and the rake surface forming a second angle substantially the same as the first angle.

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

(22) Date of filing of Application :15/10/2014 (43) Publication Date: 21/08/2015

### (54) Title of the invention: GRATE CARRIAGE FOR RECEIVING BULK MATERIAL

(51) International classification: F27B21/02,C22B1/20,F27B21/06 (71) Name of Applicant:

(31) Priority Document No :10 2012 009 511.2 (32) Priority Date :14/05/2012

(33) Name of priority country :Germany

(86) International Application :PCT/EP2013/058137

No :19/04/2013

Filing Date

(87) International Publication :WO 2013/171022

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)OUTOTEC (FINLAND) OY

Address of Applicant :Rauhalanpuisto 9 FI 02230 Espoo

Finland Finland

(72) Name of Inventor:

1)SCHULAKOW KLASS Andrej

2) HOLZHAUER Thomas

3)EKKERT Sergej

### (57) Abstract:

A grate carriage for receiving bulk material in particular in a traveling grate of a pellet firing or sintering machine includes a plurality of grate bars (3) arranged parallel to each other wherein the grate bars (3) are movably held in lateral receptacles of the grate carriage and between the grate bars (3) a gap (11) each is provided. To avoid the jamming of pellets or material pieces in the gaps formed between the grate bars and thereby inhibit an increase in size thereof a force application means is provided which elastically presses the grate bars (3) arranged in parallel against each other.

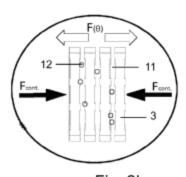


Fig. 3b

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

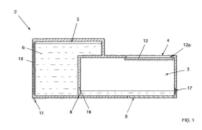
(22) Date of filing of Application :15/10/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: CARTRIDGE FOR A STEREOLITHOGRAPHIC MACHINE STEREOLITHOGRAPHIC MACHINE COMPRISING SAID CARTRIDGE AND METHOD OF MANUFACTURING SAID CARTRIDGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B29C67/00 :VI2012A000183 :27/07/2012 :Italy :PCT/IB2013/001621 :25/07/2013 :WO 2014/016668 :NA :NA	(71)Name of Applicant: 1)DWS S.R.L. Address of Applicant: via Lago Di Levico 3 I 36010 Zane (VI) Italy Italy (72)Name of Inventor: 1)COSTABEBER Ettore Maurizio
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The invention is a cartridge (2; 2; 2) for a stereolithography machine (1) comprising: a container (3) provided with an access opening (4); a reservoir (5) for containing a base material (6) suited to be solidified through exposure to a predefined radiation (7) the reservoir (5) being fixedly associated with the container (3); feeding means (8) suited to feed the base material (6) from the reservoir (5) towards the container (3). The bottom (9) of the container (3) is at least partially transparent to the predefined radiation (7) and is situated opposite the access opening (4).



No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application:15/10/2014 (43) Publication Date: 21/08/2015

### (54) Title of the invention: PYRROLOPYRIDINONE DERIVATIVES AS TTX S BLOCKERS

(51) International :C07D471/04,A61K31/44,A61P25/00 classification

(31) Priority Document No :61/638085

(32) Priority Date :25/04/2012 (33) Name of priority

:U.S.A. country

(86) International :PCT/JP2013/002825 Application No

:25/04/2013 Filing Date

(87) International :WO 2013/161312 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)RAQUALIA PHARMA INC.

Address of Applicant: 1 21 19 Meieki Minami Nakamura ku

Nagoya shi Aichi 4500003 Japan Japan

(72) Name of Inventor:

1)KAWAMURA Kiyoshi

2)MORITA Mikio

3)YAMAGISHI Tatsuya

### (57) Abstract:

The present invention relates to pyrrolopyridinone derivatives which have blocking activities of voltage gated sodium channels as the TTX S channels and which are useful in the treatment or prevention of disorders and diseases in which voltage gated sodium channels are involved. The invention also relates to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which voltage gated sodium channels are involved.

No. of Pages: 421 No. of Claims: 17

(22) Date of filing of Application :06/01/2014

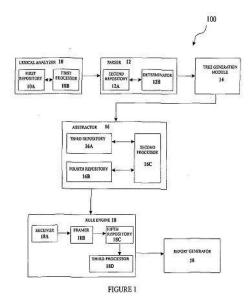
(43) Publication Date: 21/08/2015

### (54) Title of the invention: A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR CHECKING A PROGRAM CODE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:G06F9/44, G06F17/28 :NA	(71)Name of Applicant:  1)TATA CONSULTANCY SERVICES LTD  Address of Applicant: NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI - 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WARUNJIKAR MAYURESH P
(87) International Publication No	: NA	2)JAIN PRIYAM
(61) Patent of Addition to Application Number	:NA	3)JAIN NEERAJ
Filing Date	:NA	4)RAI NITIN KUMAR
(62) Divisional to Application Number	:NA	5)TIWARI VIVEK
Filing Date	:NA	6)CHOUBEY AMIT KUMAR

### (57) Abstract:

A computer implemented system for checking a program code that includes a lexical analyzer to lexically analyze the expressions of the program code and generate tokens representing these expressions. The system includes a parser that receives and parses the tokens to determine whether the tokens form an allowable expression. A tree, generation module generates a parsed tree that represents relationship between the tokens in a tree-format. The system further includes an abstractor that cooperates with the tree generation module, and stores at least one meta model that represents program code in an entity-relationship format. A rule engine executes the code checking rule(s) on the populated instance of the meta model, and determines whether said program code complies with the code checking rule(s). The system also includes a report generator that generates at least one report indicating the compliance level of the program code with the code-checking rule(s).



No. of Pages: 34 No. of Claims: 16

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: GENERIC BROADCAST OF LOCATION ASSISTANCE DATA

(51) International :H04W4/02,H04W4/20,G01S19/25

:WO 2013/033464

(31) Priority Document No :61/529202 (32) Priority Date :30/08/2011

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

(86) International Application :PCT/US2012/053238

Filing Date :30/08/2012

(87) International Publication No

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

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)QUALCOMM Incorporated

Address of Applicant :5775 Morehouse Drive San Diego

California 92121 1714 U.S.A. U.S.A.

(72)Name of Inventor:

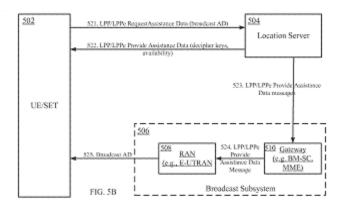
1)EDGE Stephen William

2)FISCHER Sven

3)HAWKES Philip Michael

### (57) Abstract:

Various techniques are provided for Location Services (LCS) Assistance Data broadcast for example for implementation in LTE and LTE A systems. The embodiments described herein may use the LPP/LPPe positioning protocol by making use of existing unsolicited Provide Assistance Data (PAD) messages. Embodiments avoid the need to define and implement a separate broadcast Assistance Data protocol. Additional exemplary embodiments for scheduling and verifying of the broadcast Assistance Data messages are described herein.



No. of Pages: 133 No. of Claims: 130

(22) Date of filing of Application :20/12/2013 (43) Publication Date : 21/08/2015

### (54) Title of the invention: ENABLING ENCAPSULATION IN NETWORKS

(51) International classification	:H04L12/24, H04L12/721	(71)Name of Applicant: 1)AVAYA, INC
(31) Priority Document No	:13/041,242	
(32) Priority Date	,	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)ZENON KUC
Filing Date	:NA	2)ROGER LAUPH
(87) International Publication No	: NA	3)KARTHIK GOPALAKRISHNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (57) Abstract:

Embodiments generally relate to enabling encapsulation in networks. In one embodiment, a method includes receiving a message from an edge configuration device, wherein the message contains shortest path bridging (SPB) configuration information. The method also includes performing provider backbone bridge (MAC-in-MAC) encapsulation in response to receiving the message.

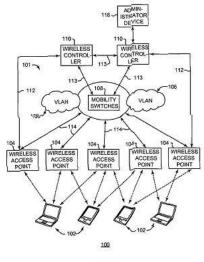


FIG. 1

No. of Pages: 43 No. of Claims: 8

(22) Date of filing of Application :06/01/2014

(43) Publication Date: 21/08/2015

## (54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING TRANSLITERATION BY LEVERAGING ARPABET PHONEMES

	·G10I 13/02	(71)Name of Applicant:
(51) International classification	G10L13/08	1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KARANDE, Shirish Subhash
Filing Date	:NA	2)SRINIVASAN, Iyengar Venkatachary
(87) International Publication No	: NA	3)LODHA, Sachin P.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present subject matter discloses a system and a method for providing transliteration between plurality of languages by leveraging Arpabet phonemes. For transliterating, highly phonetic scripts like Devanagiri and other Indic language scripts may be used as an intermediate representation for the languages. Further, a map may be generated between the intermediate representation and plurality of languages to be transliterated. With the maps generated, an arpabet characters may be replaced with a mapped grapheme. Based on the map, transliterating scheme is created for each of the plurality of languages. After creation of the transliterating schemes, merging criteria may be created which are further useful for creating meaningful grapheme phonemes. Thus, after creating the map and the merging criteria, the system may transliterate characters between several languages pair of the number of languages using the transliteration schemes associated with the languages.

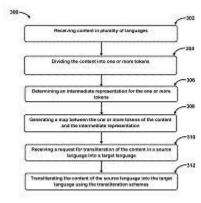


Figure 3

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

(22) Date of filing of Application :08/01/2014 (43) Pt

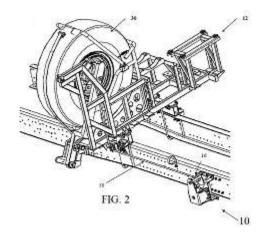
## (43) Publication Date : 21/08/2015

### (54) Title of the invention: SPARE WHEEL LIFTING ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B62D43/08, B62D43/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)TATA MOTORS LIMITED  Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India Maharashtra India (72)Name of Inventor:  1)KHULLAR AKHIL 2)GARG ASHWANI 3)BELAPURKAR SUVARNA
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### (57) Abstract:

The disclosure relates to a spare-wheel lifting assembly for heavy vehicles. The spare-wheel lifting assembly comprising: a spare wheel carrier supported on a vehicle frame; a pulley arrangement carried by the vehicle frame, a flexible elongated member connected to the spare wheel carrier and the pulley arrangement; an input arm engaged with the pulley arrangement, such that rotation of the input arm relatively moves the flexible elongated member to move the spare wheel carrier with respect to the vehicle frame; an engagement portion defined on the input arm; a stopper mechanism carried on the pulley arrangement, the stopper mechanism adapted to be engaged with the engagement portion of the input arm thereby restricting movement of the input arm. FIG. 2



No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :03/01/2014

### (43) Publication Date: 21/08/2015

## (54) Title of the invention : AUGMENTING COMPUTATIONAL GRID WITH CAPABILITY OF DATA PARALLEL EXECUTION ON NETWORK EDGE

(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 : N	:G06F15/16, G06F12/00 :NA	iman
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### (57) Abstract:

Augmenting grid capacity using edge devices includes receiving, by a middleware system (112), idle resource information for a future interval from each of a plurality of edge devices (108). A cumulative capacity estimate can be determined for each time slot in the future time interval based on the idle resource information. Job information for a job to be handled by the edge devices (108) is received in response to providing the cumulative capacity estimate. The job is partitioned based on the job information and the idle resource information to generate task allocation information for allocating tasks to the edge devices (108) to augment the grid capacity.

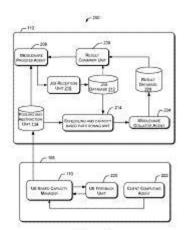


Figure 2

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

(22) Date of filing of Application :07/03/2014

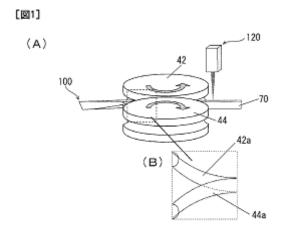
(43) Publication Date: 21/08/2015

## (54) Title of the invention : MANUFACTURING METHOD AND MANUFACTURING EQUIPMENT FOR SMALL DIAMETER METAL TUBE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:2011-188112 :31/08/2011 :Japan :PCT/JP2012/071784 :29/08/2012 :WO 2013/031803 :NA :NA	(71)Name of Applicant:  1)NISSHIN STEEL CO. LTD.  Address of Applicant: 4 1 Marunouchi 3 Chome Chiyoda ku Tokyo 1008366 Japan Japan (72)Name of Inventor:  1)NAKAMURA Daisuke 2)NAKAKO Takefumi 3)ASADA Hiroshi
- 10	:NA :NA :NA	

### (57) Abstract:

Small diameter metal tubes are manufactured with good precision and high production efficiency by using a large diameter roll in which rolls having diameters that are clearly larger than the outer diameter of the metal tube being manufactured are disposed. A pair of large diameter side rolls is used the rolls being designed so that the outer diameter ratio f/ f of the outer diameter f of the forming roll to the outer diameter f of the metal tube being manufactured is 10 or more preferably 25 or more. After forming a metal band into a cylindrical shape in a single stand the edges of the metal band are brought together and welded. A three roll type or a four roll type can be used for the large diameter side roll.



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

(22) Date of filing of Application :31/12/2013 (43) Publication Date : 21/08/2015

### (54) Title of the invention: ROTATING PACKED BED UNIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA	(71)Name of Applicant:  1)HINDUSTAN PETROLEUM CORPORATION LTD.  Address of Applicant: HINDUSTAN PETROLEUM CORPORATION LTD, PETROLEUM HOUSE, 17 JAMSHEDJI TATA ROAD, CHURCHGATE, MUMBAI 400020 Maharashtra India (72)Name of Inventor:  1)KOTAGIRI, Murali 2)B K, Namdeo 3)GANDHAM, Sri Ganesh 4)S N, Sheshachala 5)TOMPALA, Annaji Rajiv Kumar
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### (57) Abstract:

A rotating packed bed (RPB) unit (400) comprising one rotor (300) is described. The rotor (300) comprises a first plate (304-1) and a second plate (304-2). The rotor (300) further comprises a plurality of annular permeable packing elements (302) housed in between the first plate (304-1) and the second plate (304-2), wherein a first end of each of the plurality of annular permeable packing elements (302) is attached to the first plate (304-1), and wherein a second end of each of the plurality of annular permeable packing elements (302) is attached to the second plate (304-2). The rotor (300) further comprises a shaft (402) coupled to one of the first plate (304-1) and the second plate (304-2) for rotating the rotor (400). Further, the rotor (300) comprises a liquid inlet (306-1) for receiving a liquid phase and a gas inlet (406) for receiving a gas phase.

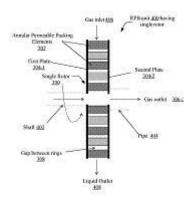


Figure 4

No. of Pages: 25 No. of Claims: 10

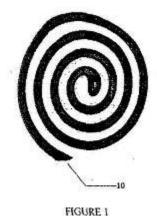
(22) Date of filing of Application :02/01/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: THE MODIFIED MOSQUITO KILLING COIL FOR EASY TO FIRE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A01N25/20, A01N65/26 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)BALASAHEB ASHOK GAYAKE  Address of Applicant: AT/POST: MAHIRAWANI, SANKET WINE, DYNANESHWAR KHANDBAHALE, TRIMBAK ROAD, NASHIK-422213, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor:  1)BALASAHEB ASHOK GAYAKE
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### (57) Abstract:

TITLE - The modified mosquito killing coil for easy to fire. The present invention relates to the mosquito killing coil for easy to fire. This modification eliminates the need of the match box to fire the mosquito killing coil. The FIGURE. 1 is a diagram of the modified mosquito killing coil for easy to fire, comprises a coating on the head of mosquito killing coil that contains phosphorus as the active ingredient and gelatin as a binder 10, which can be struck against a specially prepared frictional surface8 provided on the packaging box of mosquito killing coil. The FIGURE.2 is a diagram of the top view of the box of packing for modified mosquito killing coil for easy to fire. The FIGURE.3 is a diagram of the side view of the box of packing for modified mosquito killing coil for easy to fire comprises the frictional surfaces 8, to strike the mosquito killing coil to ignite. The head of the mosquito killing coil will get ignite due to the heat produce by the friction between the phosphorus coating 10 and prepared frictional surface8, provided on the packaging box.



No. of Pages: 6 No. of Claims: 3

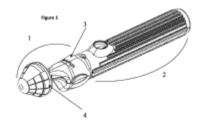
(22) Date of filing of Application :15/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: VAGINAL REMODELING DEVICE AND METHOD

(51) International classification	:A61B18/02	(71)Name of Applicant:
(31) Priority Document No	:201210069906.X	1)VIVEVE INC.
(32) Priority Date	:16/03/2012	Address of Applicant :150 Commercial Street Sunnyvale CA
(33) Name of priority country	:China	94086 U.S.A. U.S.A.
(86) International Application No	:PCT/US2013/032066	(72)Name of Inventor:
Filing Date	:15/03/2013	1)GALEN Donald I.
(87) International Publication No	:WO 2013/138718	2)JACKSON Jerome
(61) Patent of Addition to Application	:NA	3)LOPEZ Steven Marc
Number	:NA	4)MEIROSE Russell
Filing Date	.11/1	5)SMITH Ian F.
(62) Divisional to Application Number	:NA	6)YAMANOOR Srihari
Filing Date	:NA	

### (57) Abstract:

This invention provides devices and methods for remodeling the female genital tissue the device comprising a treatment tip wherein the distal end of the treatment tip is conical spherical hemispherical oval or circular in shape. The device further comprises one or more energy delivery elements for simultaneous cooling of the vaginal epithelium and transmission of energy for heating the tissues underneath the epithelium. In one embodiment said device may further comprise one or more of the following: one or more temperature sensors for measuring the temperature at or below the epithelium; one or more directional sensors mounted on the hand piece or treatment tip; and one or more depth markers to show the depth of penetration of the treatment tip into the vagina. In another embodiment this invention provides a device having a finger holder with electrodes for remodeling the female genital tissue.



No. of Pages: 31 No. of Claims: 20

(21) Application No.2063/MUMNP/2014 A

(19) INDIA

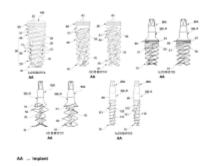
(22) Date of filing of Application :15/10/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: TOOTH IMPLANT

(51) International classification	:A61C8/00,A61C13/263	(71)Name of Applicant:
(31) Priority Document No	:1020120041160	1)HWANG Jeong Bin
(32) Priority Date	:19/04/2012	Address of Applicant :#203 Seocholemon 1600 11 Seocho
(33) Name of priority country	:Republic of Korea	dong Seocho gu Seoul 137 070 Republic of Korea Republic of
(86) International Application No	:PCT/KR2013/002621	Korea
Filing Date	:29/03/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/157756	1)HWANG Jeong Bin
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a tooth implant for implanting a false tooth in the alveolar bone in dentistry instruments and more particularly to an implant having functions of vertical self drilling horizontal self drilling self cutting self condensing and self changing of direction which increases the initial fixing force and ingression ability has excellent correction capability to correct procedural errors and minimizes the drilling operation heightening the probability of error or failure.



No. of Pages: 92 No. of Claims: 26

(21) Application No.2064/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application:15/10/2014 (43) Publication Date: 21/08/2015

### (54) Title of the invention: VIRTUAL RESPIRATORY GAS DELIVERY SYSTEMS AND CIRCUITS

(51) International :A61M16/10,A61B5/08,A61B5/087 classification

(31) Priority Document No :61/612791

(32) Priority Date :19/03/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2013/000266

:19/03/2013

Filing Date

(87) International Publication :WO 2013/138910

(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)KLEIN Michael

Address of Applicant :232 Monarch Park Avenue Toronto

Ontario M4J 4L1 Canada Canada

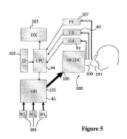
2)FISHER Joseph (72)Name of Inventor:

1)KLEIN Michael

2)FISHER Joseph

### (57) Abstract:

A respiratory gas delivery system monitors gas flow over the course of a breath in real time and uses this parameter to simulate in whole or part the function of a reference respiratory gas delivery system in particular structural features particularly structural components of parts of the reference system to overcome a structural limitation of the reference system.



No. of Pages: 58 No. of Claims: 69

(21) Application No.2065/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention : SCHEME AND APPARATUS FOR MULTIRAB ENHANCEMENTS WITH KEEPING BOTH CIRCUIT SWITCHED VOICE CALL AND PACKET SWITCHED DATA SESSION ALIVE

(51) International :H04W76/04,H04W76/02,H04W72/12

classification .1104 W 70/04,1104 W 70/02,1104 W 7

(31) Priority Document No :61/646429 (32) Priority Date :14/05/2012 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2013/041008

Application No
Filing Date

F1/03/2013

(87) International :WO 2013/173380

Publication No
(61) Patent of Addition to

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

:NA
:NA
:NA
:NA

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. U.S.A.

(72)Name of Inventor:

1)KANAMARLAPUDI Sitaramanjaneyulu

2)HSU Liangchi

### (57) Abstract:

Apparatus and methods are described herein for maintaining both a circuit switched voice call and a packet switched data session alive during a multi RAB call. A determination is made as to whether a user equipment (UE) is in a power limited situation. If it is determined that the UE is in a power limited situation one or more operating conditions are adjusted to maintain the multi RAB call while in the power limited situation.

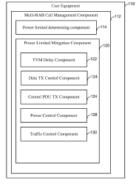


FIG. 1

No. of Pages: 30 No. of Claims: 22

(21) Application No.97/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: PHARMACEUTICAL COMPOSITIONS OF MESALAMINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A61K31/195, A61K9/14 :NA :NA :NA :NA	(71)Name of Applicant:  1)CADILA HEALTHCARE LIMITED  Address of Applicant: ZYDUS TOWER, SATELLITE  CROSS ROAD, AHMEDABAD - 380015, GUJARAT, INDIA  Gujarat India  (72)Name of Inventor:
Filing Date	:NA	1)KHERA BRIJ
(87) 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:

PHARMACEUTICAL COMPOSITIONS OF MESALAMINE The present invention relates to pharmaceutical compositions of mesalamine. The composition of the invention is a capsule dosage form filled with a tablet. The invention also relates to process for preparing such compositions. The invention specifically relates to a composition comprising an effective amount of mesalamine having higher bulk density.

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

(22) Date of filing of Application :29/12/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: VEHICLE HEADLAMP

(51) International classification	:B60Q1/04	(71)Name of Applicant:
(31) Priority Document No	:U 201230714	1)AMBRONA ARNAIZ Miguel
(32) Priority Date	:29/06/2012	Address of Applicant :C/ Real 73 Torredonjimeno E 23650
(33) Name of priority country	:Spain	Jaen Spain
(86) International Application No	:PCT/ES2013/070416	(72)Name of Inventor:
Filing Date	:25/06/2013	1)AMBRONA ARNAIZ Miguel
(87) International Publication No	:WO 2014/001590	
(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 not only to automobiles but also to trucks vans and even motorcycles constituting the front illumination source of the vehicle and the object of the invention is to achieve a headlamp of higher quality than current headlamps that is more effective in terms of light projection and that lasts for a longer period of time in terms of the service life of the actual headlamp. To that end and starting from the conventional structure involving a casing with a supporting member for the corresponding light emitting bulb while the headlamp is closed at the front by means of a transparent front element through which the light emitted by the corresponding bulb is projected and there may be optionally within reflecting surfaces and lenses for achieving greater efficiency in terms of light projection the invention focuses on the fact that within there is an inert gas enclosed inside the headlamp in a totally leaktight manner.

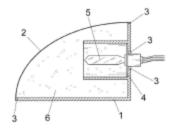


FIG. 1

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

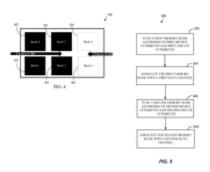
(22) Date of filing of Application :29/12/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: MONOLITHIC MULTI CHANNEL ADAPTABLE STT MRAM

(51) International classification	:G11C29/02,G11C11/16	(71)Name of Applicant:
(31) Priority Document No	:13/571,576	1)QUALCOMM INCORPORATED
(32) Priority Date	:10/08/2012	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2013/054002	(72)Name of Inventor:
Filing Date	:07/08/2013	1)KANG Seung H.
(87) International Publication No	:WO 2014/025919	2)ZHU Xiaochun
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A monolithic multi channel resistive memory includes at least one first bank associated with a first channel and tuned according to first device attributes and/or first circuit attributes. The memory also includes at least one second bank associated with a second channel and tuned according to second device attributes and/or second circuit attributes.



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

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

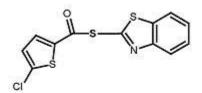
(43) Publication Date: 21/08/2015

# (54) Title of the invention : A PROCESS FOR PREPARING RIVAROXABAN OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF

	·C07D413/10	(71)Name of Applicant:
(51) International classification	C07D303/36,	1)WOCKHARDT LIMITED
	C07D413/14	Address of Applicant :D-4, MIDC Area, Chikalthana,
(31) Priority Document No	:NA	Aurangabad Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Shukla, Jagdish Dattopant
(86) International Application No	:NA	2)Yadav, Ramprasad
Filing Date	:NA	3)Merwade, Arvind Yekanathsa
(87) International Publication No	: NA	4)Deo, Keshav
(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 the preparation of Rivaroxaban, intermediates thereof, or a pharmaceutically acceptable salt thereof. The present invention especially relates to a process for the preparation of rivaroxaban from thioester of formula IIA: Formula IIA or a pharmaceutically acceptable salt thereof.



Formula IIA

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

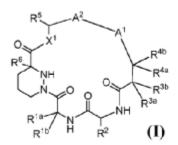
(22) Date of filing of Application :30/12/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: MACROCYCLIC INHIBITORS OF FLAVIVIRIDAE VIRUSES

		(71)Name of Applicant:
(51) International		1)GILEAD SCIENCES INC.
classification	:C07K5/062,C07D487/08,C07D498/08	Address of Applicant :333 Lakeside Drive Foster City
(31) Priority Document No	··61/657 553	California 94404 U.S.A.
(32) Priority Date	:08/06/2012	2)SELCIA LIMITED
(33) Name of priority	.00/00/2012	(72)Name of Inventor:
country	:U.S.A.	1)ACIRO Caroline
(86) International		2)STEADMAN Victoria Alexandra
Application No	:PCT/US2013/044809	3)PETTIT Simon Neil
Filing Date	:07/06/2013	4)POULLENNEC Karine G.
(87) International		5)LAZARIDES Linos
Publication No	:WO 2013/185090	6)DEAN David Kenneth
(61) Patent of Addition to		7)DUNBAR Neil Andrew
Application Number	:NA	8)HIGHTON Adrian John
Filing Date	:NA	9)KEATS Andrew John
(62) Divisional to		10)SIEGEL Dustin Scott
Application Number	:NA	11)KARKI Kapil Kumar
Filing Date	:NA	12)SCHRIER Adam James
I ming Date		13)JANSA Petr
		14)MACKMAN Richard

### (57) Abstract:

Provided are compounds of Formula (I) and pharmaceutically acceptable salts and esters thereof. The compounds compositions and methods provided are useful for the treatment of virus infections particularly hepatitis C infections.



No. of Pages: 237 No. of Claims: 26

(21) Application No.43/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014 (43) Publication Date : 21/08/2015

### (54) Title of the invention: VILAZODONE TABLETS WITH IMPROVED DISSOLUTION

	:A61K9/32,	(71)Name of Applicant :
(51) International classification	A61P25/24,	1)INVENTIA HEALTHCARE PRIVATE LIMITED
	A61K31/496	Address of Applicant :UNIT 703 & 704, 7TH FLOOR,
(31) Priority Document No	:NA	HUBTOWN SOLARIS, N S PHADKE MARG, ANDHERI
(32) Priority Date	:NA	(EAST), MUMBAI - 400 069, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MUKHERJI GOUR
(87) International Publication No	: NA	2)REDASANI VIJAYENDRAKUMAR
(61) Patent of Addition to Application Number	:NA	VIRENDRAKUMARJI
Filing Date	:NA	3)JAIN AMOL ASHOKLAL
(62) Divisional to Application Number	:NA	4)GAITONDE PRUTHA SHRIKRISHNA
Filing Date	:NA	5)SHAH VAIBHAVI ANKUR

### (57) Abstract:

A pharmaceutical composition comprising vilazodone or a pharmaceutically acceptable salt thereof, at least one disintegration enhancer and at least one dissolution rate enhancer.

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

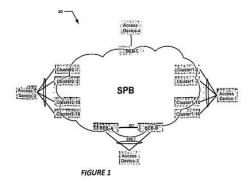
(22) Date of filing of Application :18/12/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention : GENERAL USER NETWORK INTERFACE (UNI) MULTI-HOMING TECHNIQUES FOR SHORTEST PATH BRIDGING (SPB) NETWORKS

	:H04L12/46,	(71)Name of Applicant :
(51) International classification	H04L12/18,	1)AVAYA, INC.
	H04L12/24	Address of Applicant :211, MOUNT AIRY ROAD,
(31) Priority Document No	:13/920, 218	BASKING RIDGE, NEW JERSEY 07920, U.S.A. U.S.A.
(32) Priority Date	:18/06/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)SRIKANTH KEESARA
(86) International Application No	:NA	2)ROGER LAPUH
Filing Date	:NA	
(87) 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) Alaston et :		1

### (57) Abstract:

A method, apparatus and computer program product for providing multi-homing techniques for SPB networks is presented. A set of UNI nodes that receive multicast packets are determined based on Backbone Media Access Control-Destination Address (BMAC-DA)/1-Tag Service Identifier (1-SID) of received multicast packets for multicast packets within a transport network. A separate Egress Port Mask is determined for each Backbone-Virtual Local Area Network (B-VLAN) of the transport network, wherein the Egress Port Mask is determined such that only one UNI node of the set of UNI nodes forwards said multicast packets. A set of UNI copies of said multicast packets are filtered out by applying the Egress Port Mask , wherein copies that are not in the Egress Port Mask are dropped. Copies of multicast packets that are not dropped are sent out.



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

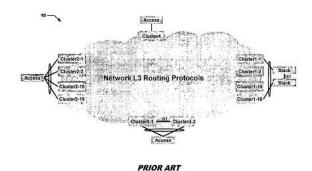
(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 21/08/2015

# (54) Title of the invention: METHOD AND APPARATUS PROVIDING SINGLE-TIER ROUTING IN A NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:H04L12/743, H04L12/721 :14/068,514 :31/10/2013 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)AVAYA, INC. Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, U.S.A. U.S.A. (72)Name of Inventor: 1)SRIKANTH KEESARA 2)ROGER LAPUH
ĕ		
(62) Divisional to Application Number Filing Date	:NA :NA	
Timing Dute	*1 11 1	

#### (57) Abstract:

A method, apparatus and computer program product for providing Virtual Routing and Forwarding (VRF) and gateway Media Access Controller (MAC) distribution is presented. A Layer 3 (L3) controller is provided in a network. The L3 controller resolves Address Resolution Protocol (ARP) messages for a host on a subnet associated with a Layer 2 Virtual Switching Network (L2VSN) when it tries to route a packet to a host. The L3 controller distributes information relating to the ARP messages to a distributed data path. When the host moves from a first access point to a second access point, it sends out a gratuitous ARP message, and the L3 controller updates an ARP record associated with the host and pushesthe updated information to the distributed datapath.



No. of Pages: 36 No. of Claims: 10

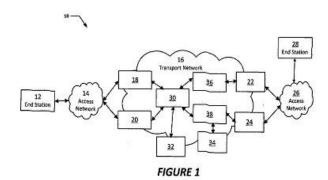
(22) Date of filing of Application :18/12/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: OPTIMIZED DISTRIBUTED ROUTING FOR STRETCHED DATA CENTER MODELS THROUGH UPDATING ROUTE ADVERTISEMENTS BASED ON CHANGES TOADDRESS RESOLUTION PROTOCOL (ARP) TABLES

(51) International classification (31) Priority Document No	:13/764,257	
(33) Name of priority country	:U.S.A.	BASKING RIDGE, NEW JERSEY 07920, U.S.A. U.S.A.
* *	:NA :NA	
(87) International Publication No	: NA	2)SRIKANTH KEESARA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:11/02/2013 :U.S.A. :NA :NA :NA :NA :NA	Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, U.S.A. U.S.A. (72)Name of Inventor: 1)ROGER LAPUH

#### (57) Abstract:

A method, apparatus and computer program product for performing optimized distributed routing for stretched data center models through updating route advertisements based on changes to Address Resolution Protocol (ARP) Tables is presented. Port members of an Internet Protocol I (IP) interface or Virtual Local Area Network (VLAN) are distinguished into Access Interfaces which only lead to hosts on said subnet and Trunk Interfaces which lead to other redundant routers on said subnet. In the subnet of a network a network route for the subnet is always advertised. A separate host route corresponding to an Internet Protocol (IP) address of each Address Resolution Protocol (ARP) table record that points to an Access Interface is advertised and route advertisements are changed for a host in said subnet for tracked access interfaces.



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

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

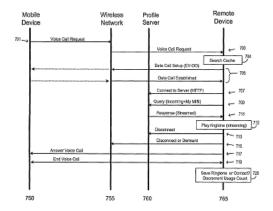
(43) Publication Date: 21/08/2015

## (54) Title of the invention: SHARING PROFILE DATA BETWEEN TELECOMMUNICATION DEVICES

(51) International classification	:H04M 3/42,H04M 1/57	(71)Name of Applicant: 1)QUALCOMM INCORPORATED
(31) Priority Document No	:11/361,406	Address of Applicant : Attn: International IP Administration,
(32) Priority Date	:23/02/2006	5775 Morehouse Drive, San Diego, California 92121-1714,
(33) Name of priority country	:U.S.A.	United States of America U.S.A.
(86) International Application No	:PCT/US2007/062767	(72)Name of Inventor:
Filing Date	:23/02/2007	1)SPRIGG, Stephen A.
(87) International Publication No	:WO/2007/098508	2)JACOBS, Paul E.
(61) Patent of Addition to Application	:NA	3)JAIN, Nikhil
Number		4)GARDNER, Richard Wayne III
Filing Date	:NA	5)LOMBARDI, Gina M.
(62) Divisional to Application Number	:1751/MUMNP/2008	6)SCHIPPER, Jamie Y.
Filed on	:13/08/2008	

#### (57) Abstract:

A telecommunications device and/or service enable a user to establish and maintain a profile which is then associated with the user or the user s tele-communication device (the calling device). The profile is stored on a profile server that is in communication with the telecommunications service provider. A receiving device receives a call from the calling device and is provided with the profile during call set-up. Some or all of the profile is used in connection with the incoming call on the receiving device. This feature is known as Enhanced Caller-ID or RCLID (Rich Calling Line Identification). Description focuses on mobile networks and the calling and called devices being mobile devices. The profile server is connected to the wireless network via a WAN (internet).



No. of Pages: 40 No. of Claims: 35

(22) Date of filing of Application :26/11/2014

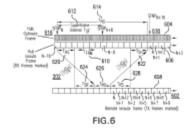
(43) Publication Date: 21/08/2015

## (54) Title of the invention: SYNCHRONIZATION IN A GEOSTATIONARY SATELLITE SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:23/05/2013 :WO 2013/177374 :NA	(71)Name of Applicant:  1)HUGHES NETWORK SYSTEMS LLC Address of Applicant:11717 Exploration Lane Germantown MD 20876 U.S.A. (72)Name of Inventor: 1)UDAYA Bhaskar 2)YEZDI Anita 3)SATYAJIT Roy
(61) Patent of Addition to Application		

#### (57) Abstract:

Aspects of the invention provide a system and method to allow inroute frame timing synchronization without the aid of hub signal loopback or satellite ephemeris data. Furthermore it allows tracking and compensating of the satellite motion to allow multiple remotes to use TDMA on the inroute frequencies while minimizing the aperture. Two main techniques proposed are CLT and polling based approaches which are used in combination for an optimum solution. In CLT based approach hub transmits remote specific timing correction feedback messages on the outroute on as needed basis. In polling based approach the remotes derive their timing based on a per beam average delay estimate broadcast by the hub and a measured local delay specific to each outroute stream from a remote. An aspect of the invention uses triangulation method to determine satellite position. Furthermore an aspect of the invention uses hub burst arrival method instead of polling approach.



No. of Pages: 89 No. of Claims: 16

(22) Date of filing of Application :06/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : A METHOD FOR IMPROVEMENT IN CORROSION RESISTANCE OF ELECTRODEPOSITED NI-ZN ALLOY COATINGS

(51) International classification	:C25D3/56	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. ABHISHEK CHANDRAKANT LOKHANDE
(32) Priority Date	:NA	Address of Applicant :B-102, KATKAR PARK, SHIVAJI
(33) Name of priority country	:NA	UNIVERSITY ROAD, KOLHAPUR-416 008,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. ABHISHEK CHANDRAKANT LOKHANDE
(61) Patent of Addition to Application Number	:NA	2)PROF. JAYDEEP SHANTIKUMAR BAGI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Corrosive resistant improved nickel-zinc alloy (Ni-Zn) coatings were produced by electrodeposition method at constant current density of 15 mA cm-2 at room temperature with the saccharin as an additive agent. These films were characterized by various methods such as X-ray diffraction (XRD), Scanning Electron Microscopy (SEM), Atomic Absorption Spectrophotometer (AAS) and Electrochemical Impedance Study (EIS). The XRD study confirmed the formation of nickel-zinc (Ni-Zn) alloy with plane orientation along (101) plane with composition confirmed from Atomic Absorption Spectrophotometer (AAS) of Ni:Zn between 72:28 to 75:25 at.%. The SEM revealed that the substrate surface covered with nanograins resulting in compact morphology. The EIS study indicated the improvement in the corrosion resistance of nickel-cobalt (Ni-Zn) from 640 to 874  $\Omega$  cm2.

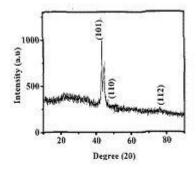


Fig. 1 A typical X-ray diffraction pattern of Ni:Zn alloy coating with composition 75:25 at. % with 0.3 g /100 ml succharin content [example (3)].

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

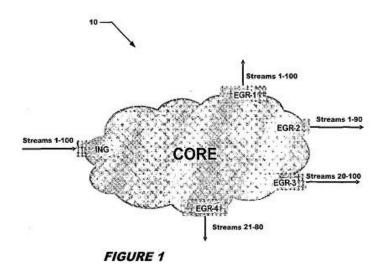
(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 21/08/2015

## (54) Title of the invention: DYNAMIC MULTICAST STATE AGGREGATION IN TRANSPORT NETWORKS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04L12/761 :13/906,662 :31/05/2013 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AVAYA, INC. Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, U.S.A. U.S.A. (72)Name of Inventor: 1)SRIKANTH KEESARA
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

A method, apparatus and computer program product for providing dynamic multicast state aggregation in transport networks is presented. An ingress sender node and a set of egress receiver nodes for each of a plurality of multicast streams within a network are identified and assigned a unique address. This uniquesame address is used in the forwarding table in the core of the network for any set of multicast streams that traverse the network from the same ingress sender node to the same set of egress receiver nodes.



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

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD AND APPARATUS PROVIDING SINGLE-TIER ROUTING IN A SHORTEST PATH BRIDGING (SPB) NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04L12/743, H04L12/721 :14/068,337 :31/10/2013 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, U.S.A. U.S.A. (72)Name of Inventor: 1)SRIKANTH KEESARA 2)ROGER LAPUH
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

A method, apparatus and computer program product for providing Virtual Routing and Forwarding (VRF) and gateway Media Access Controller (MAC) distribution is presented. At least one subnet associated with a Layer 2 Virtual Switching Network (L2VSN) is provided on a network device. A message is propagated to a distributed Datapath. Network devices install the message as a routable MAC address on the L2VSN for the Layer 3 Virtual Switching NetworkA/irtual Routing and Forwarding (L3VSNA/RF) associated with the message. Edge devices route packets on the L2VSN addressed to the gateway MAC address.

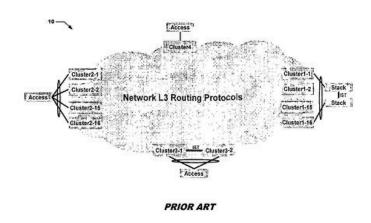


FIGURE 1

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

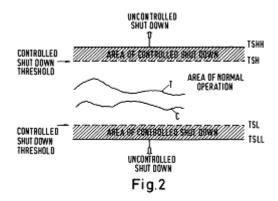
(22) Date of filing of Application :18/06/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A PROCESS FOR OPERATING A FUEL FIRED REACTOR

:B01J8/18,B01J19/00,B01J8/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)OUTOTEC (FINLAND) OY :NA (32) Priority Date Address of Applicant: Puolikkotie 10 FI 02230 Espoo Finland :NA (33) Name of priority country :NA Finland (86) International Application No: PCT/EP2012/051333 (72) Name of Inventor: Filing Date :27/01/2012 1)STEGEMANN, BERTOLD (87) International Publication No: WO 2013/110344 2) HILTUNEN Pekka (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract:

In a process for operating a fuel fired reactor fuel is introduced into a reactor and burned therein by means of at least one main burner. The relevant parameters of the process are monitored and the main burner is shut down if one or more of the relevant parameters leave a predetermined critical operating range for the enforced shut down a secondary more stringent operating range for the shut down criteria is implemented and the main burner is shut down if one or more of the relevant parameters leaves the secondary operating range while at least one pilot burner continues to be operated as long as the relevant parameters are maintained within the critical operating range.



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

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD OF INDUCING ENHANCED AUTOPHAGY AND A GENETICALLY MODIFIED ORGANISM EXPRESSING ENHANCED AUTOPHAGY

(51) Intermetional elegation	:C12N15/82,	(71)Name of Applicant:
(51) International classification	C12N15/09	1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER
(32) Priority Date	:NA	IV, 222, NARIMAN POINT, MUMBAI - 400 021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DAS GAUTAM
(87) International Publication No	: NA	2)DASGUPTA SANTANU
(61) Patent of Addition to Application Number	:NA	3)KUMAR RAJA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (57) Abstract:

A nucleic acid sequence of SEQ ID NO:1 and 2 and/or polypeptides encoding the nucleic acid sequence are provided. Also provided are methods of utilizing same for increasing the biomass and lipid content in a micro-organism exposed to stress.

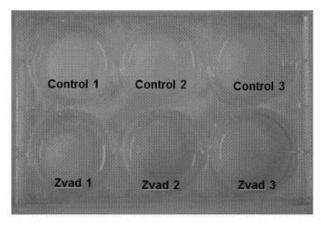


Fig. 1A

No. of Pages: 47 No. of Claims: 25

(22) Date of filing of Application :06/01/2014

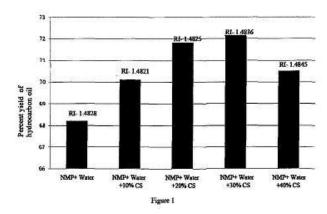
(43) Publication Date: 21/08/2015

# (54) Title of the invention : A PROCESS FOR THE SELECTIVE AROMATIC EXTRACTION FROM HYDROCARBON FEED STOCKS USING MIXED SOLVENT SYSTEM

(51) International classification	:C10G45/08,	(71)Name of Applicant:
(31) International classification	C10G67/14	1)HINDUSTAN PETROLEUM CORPORATION
(31) Priority Document No	:NA	LIMITED
(32) Priority Date	:NA	Address of Applicant :PETROLEUM HOUSE, 17,
(33) Name of priority country	:NA	JAMSHEDJI TATA ROAD, MUMBAI - 400 020,
(86) International Application No	:NA	MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VALAVARASU GNANASEKARNA
(61) Patent of Addition to Application Number	:NA	2)GANAGALLA SRINIVASA RAO
Filing Date	:NA	3)PEDDY VENKATA CHALAPATHI RAO
(62) Divisional to Application Number	:NA	4)NETTAM VENKATESWARLU CHOUDHARY
Filing Date	:NA	5)GANDHAM SRI GANESH

## (57) Abstract:

The present disclosure provides a solvent system for the separation of aromatic compounds from hydrocarbon feedstock; said system comprises: 60 to 90 wt. % of N-methyl-2 pyrrolidone (NMP), 10 to 40 wt. % of at least one co-solvent (CS), 0.1 to 1 wt. % of at least one ionic liquid (IL), and 1 to 5 wt. % of water. The present disclosure also provides a process for the selective separation of aromatic compounds from hydrocarbon feed stocks.



No. of Pages: 25 No. of Claims: 13

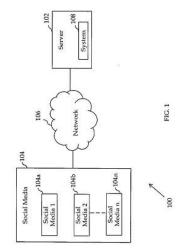
(22) Date of filing of Application :19/12/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: METHOD AND SYSTEM FOR ADAPTIVE OUTBOUND CAMPAIGNS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:G06Q30/02 :13/922,528 :20/06/2013 :U.S.A. :NA	
Filing Date	:NA	1)SHMUEL SHAFFER
(87) International Publication No	: NA	2)REINHARD P. KLEMM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method and a system for adaptive outbound campaign are provided. The system includes a monitoring module for real-time monitoring of public sentiment to an outbound campaign. Further, the system includes an adaptive module communicably coupled to the monitoring module. The adaptive module further adapts one or more parameters corresponding to the outbound campaign based on the monitored public sentiment.



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

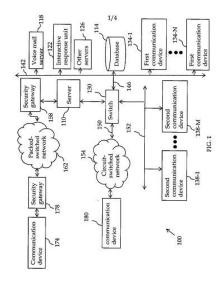
(22) Date of filing of Application :19/12/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: METHOD AND SYSTEM FOR OPTIMIZING PERFORMANCE WITHIN A CONTACT CENTER

(51) International classification	:H04M3/00, H04M5/00	(71)Name of Applicant : 1)AVAYA, INC
(31) Priority Document No	:13/925, 024	Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(32) Priority Date	:24/06/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)SHMUEL SHAFFER
(86) International Application No	:NA	2)TONY MCCORMACK
Filing Date	:NA	
(87) 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) A1		

#### (57) Abstract:

A method and system for improving performance within a contact center are provided. The method includes monitoring one or more Key Performance Indicators (KPIs) corresponding to the contact center having one or more agents associated thereto. The method further includes determining a weighted sum of the KPIs based on a weight assigned to each key performance indicator. Further, the method includes modifying one or more parameters within the contact center to improve the weighted sum of the KPIs when the weighted sum of the KPIs crosses beyond a threshold level.



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

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

# (43) Publication Date: 21/08/2015

## (54) Title of the invention: ANIMAL PULLED PESTICIDES SPRAYING MACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A01M7/00, A01B51/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Sagar Bhaskarrao Jawalekar Address of Applicant: At post Taluka: Ashti, Dist: Wardha Maharashtra India  2)Dr.Girish Devilal Mehta 3)Prof.S.S. Uttarwar (72)Name of Inventor: 1)Sagar Bhaskarrao Jawalekar 2)Dr.Girish Devilal Mehta 3)Prof.S.S. Uttarwar 4)Prof. S.D. Shelare 5)Prof. S.M. Awatade 6)Prof. (Mrs) R.S. Tupkar
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#### (57) Abstract:

Following invention provides a Pesticides Spraying Pump Energized by Animal pulled Cart • . In this innovation the pesticide spraying process is done by using a tractive power of a wheel of Bullock cart. The device mainly comprises of Pesticides Spraying Pumps, Wheels of the cart, Nozzle, Guiding for the bull, Slider crank mechanism, Arrangement for chain drive etc. A proposed schematic model is shown in the figure 1 showing side view of one of the preferred embodiment and figure 2 showing top view of one of the preferred embodiment where one animal can pull the cart. Due to the pulling the wheel gets momentum. In fact, the energy produced by this wheel motion has been interfaced with an appropriate mechanism for spraying the pesticide. This is purely an agricultural based application made in order to ease the problems of the poor farmers of India.

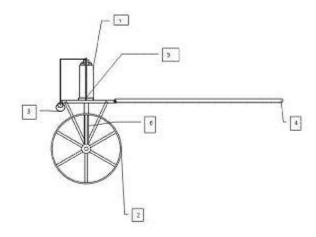


Figure 1

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

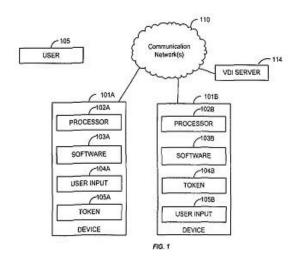
(22) Date of filing of Application :24/12/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: AUTOMATIC SIGN IN OF A USER AT MULTIPLE ENDPOINTS

(51) International classification	:G06F21/34	(71)Name of Applicant :
(31) Priority Document No	:13/775,975	1)AVAYA, INC
(32) Priority Date	:25/02/2013	Address of Applicant :211, MOUNT AIRY ROAD,
(33) Name of priority country	:U.S.A.	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BALASAYGUN, MEHMET C.
(87) International Publication No	: NA	2)AHERNS DAVID
(61) Patent of Addition to Application Number	:NA	3)EZELLE, JOEL M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present disclosure is directed to methods and systems for user registration, where a user is logged in to a first device in communication with a server, including: receiving an anonymous registration of a second device comprising a token, where the second device is in communication with the server; receiving a credential of the user and the token; finding the second device using the token; and registering the user on the second device using the credential.



No. of Pages: 25 No. of Claims: 10

(22) Date of filing of Application :24/12/2013

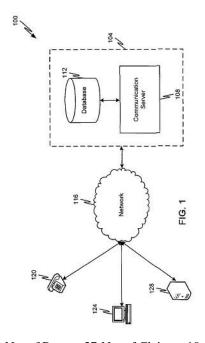
(43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD, APPARATUS, AND SYSTEM FOR PROVIDING AND USING MULTI-PROTOCOL EVENTING

(2)	G0 (F0 (F4	
(51) International classification	:G06F9/54	(71)Name of Applicant:
(31) Priority Document No	:13/841,445	1)AVAYA, INC
(32) Priority Date	:15/03/2013	Address of Applicant :211, MOUNT AIRY ROAD,
(33) Name of priority country	:U.S.A.	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MICHIE, KENNETH O.
(87) International Publication No	: NA	2)BRUNSON, GORDON R.
(61) Patent of Addition to Application Number	:NA	3)BRAUDES, ROBERT
Filing Date	:NA	4)HASERODT, KURT
(62) Divisional to Application Number	:NA	5)LEE, HYONGJOO
Filing Date	:NA	

#### (57) Abstract:

Methods and systems for providing an elegant and efficient multi-protocol eventing layer are disclosed. The multi-protocol eventing layer includes a converged container capable of handling multiple types of protocols to manage events while using an open source database. Accordingly, the multi-protocol eventing layer efficiently provides real-time or near real-time eventing to a plurality of devices for scalability and performance enhancement.



No. of Pages: 37 No. of Claims: 10

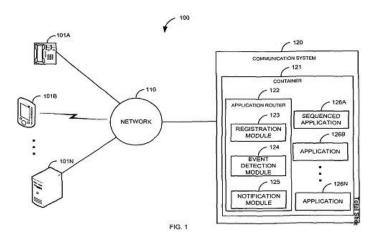
(22) Date of filing of Application :24/12/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: APPLICATION ROUTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F15/173 :13/911,967 :06/06/2013 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)RASTOGI VIPUL 2)HASERODT, KURT H. 3)EZELL, JOEL M.
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#### (57) Abstract:

A process for registering applications is disclosed. The applications typically work in a Session Initiation Protocol (SIP) JSR 289 environment. A request to register a application to monitor a communication session is received. A first instruction that identifies a first event in the communication session is received from the application. An event may be the sending of a specific type of packet, such as a SIP INVITE. The first event in the communication session is detected. In response to detecting the first event in the communication session, the application is registered to monitor the communication session according to the first instruction. A notification is also sent to the application to monitor the communication session according to the first instruction.



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

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: PADLOCK ASSEMBLY FOR CIRCUIT BREAKER

(51) International classification	:H01L21/822, H01L27/04	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(33) Name of priority country	:NA	001, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NILOY KHATUA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

#### (57) Abstract:

Disclosed is a padlock assembly for circuit breaker. The padlock assembly does not allow operator to operate racking mechanism once padlocking is done, at both closed and open door condition. After padlocking, the rotation of a racking screw is not possible as the stopper of the racking screw interferes with a pin member. Once the padlock is removed, the racking operation is possible. Figure 5a

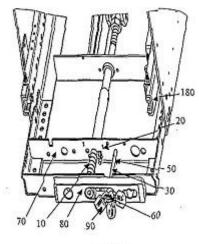


Figure 5a

No. of Pages: 18 No. of Claims: 2

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A SYSTEM AND METHOD OF DATA COMPRESSION

	G0 1717 170	
		(71)Name of Applicant :
(51) International classification	G06T9/00,	1)Tata Consultancy Services Limited
	H03M7/34	Address of Applicant :Nirmal Building, 9th floor, Nariman
(31) Priority Document No	:NA	point, Mumbai 400021, Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SINHA, Rahul
(86) International Application No	:NA	2)PURUSHOTHAMAN, Balamuralidhar
Filing Date	:NA	3)CHAKRAVARTY, Tapas
(87) International Publication No	: NA	4)CHOWDHURY, Arijit
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a method and system for compressing a dataset of a plurality of datasets captured from one or more sensors. The system may comprise a data filtering module for filtering the dataset from the plurality of datasets based on an occurrence of an event. A determination module for determining a quality of information (QoI) index associated the dataset. A comparison module for comparing the QoI index with a list of QoI indices stored in a lookup table in order to identify a target QoI index and compression parameters corresponding to the QoI index. A data compression module for inputting the compression parameters in a compression algorithm in order to compress the dataset for achieving the target QoI index for deriving statistical inference by performing analysis on the dataset.

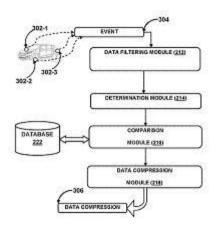


Figure 3

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

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : A NOVEL 1 2 3 4 TETRAHYDROQUINOLINE DERIVATIVE USEFUL FOR THE TREATMENT OF DIABETES

(51) International classification :C07D409/06,A61K31/381,A61K31/4709 (71)

classification .CO/D40//00,A01R31/301,A01R31/4/

(31) Priority Document :61/524462

(32) Priority Date :17/08/2011 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2012/050051

Filing Date :09/08/2012

(87) International Publication No :WO 2013/025424

(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA :NA :NA (71)Name of Applicant:

1)ELI LILLY AND COMPANY

Address of Applicant :Lilly Corporate Center Indianapolis

Indiana 46285 U.S.A. U.S.A. (72)Name of Inventor:

1)HAMDOUCHI Chafiq

#### (57) Abstract:

Filing Date

The present invention provides a compound of the formula below or a pharmaceutical salt thereof methods of treating diabetes using the compound and a process for preparing the compound.

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

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: LIGHT-EMITTING DEVICE AND CONTROL METHOD OF THE SAME

(32) Priority Date :30/01/2013   1)LIU, BAO-KIM (33) Name of priority country :Taiwan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA	G ROAD, KUEI O.C. Taiwan
(62) Divisional to Application Number :NA	
Filing Date :NA	

#### (57) Abstract:

A light-emitting device control method is provided. The light-emitting device control method comprises the steps outlined below. A light-emitting module of a light-emitting device having light-emitting unit string each having light-emitting units connected in series is operated. One end of each light-emitting unit strings receives a same DC voltage. A voltage drop value across each current control units connected in series to at least one of the light-emitting unit strings is retrieved to further determine whether the light-emitting unit of each of the light-emitting unit strings malfunctions. When x light-emitting units of a specific string malfunction and x is larger than or equal to a malfunction threshold value p, the x malfunctioned light-emitting units are shorted and (x - p + 1) light-emitting units in each of the light-emitting unit strings other than the specific string are shorted. The DC voltage received by each of the light-emitting units is decreased.

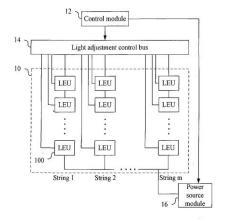


FIG. 1A

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

(22) Date of filing of Application :03/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: THERMOGELLING COMPOSITION AND METHOD OF PREPARATION OF THE SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:A61K31/00, A61K9/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)Charotar University of Science & Technology Address of Applicant: CHARUSAT - Education Campus Changa At Post: Changa, Taluka: Petlad, District: Anand, Gujarat, India Pin Code: 388 421 Gujarat India (72)Name of Inventor:
Filing Date	:NA	1)Patel Gayatri Chhaganbhai
(87) International Publication No	: NA	2)Dalwadi Chintan Arvindbhai
(61) Patent of Addition to Application Number	:NA	3)Parikh Rajesh Harshadray
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

THERMOGELLING COMPOSITION AND METHOD OF PREPARATION OF THE SAME A thermogelling composition and method of preparation of the same comprising methylcellulose, fructose and sodium sulphate or sodium acetate. The composition provides in-situ gel formation and controlled release profile for pharmaceutically active agent. The composition is used to deliver therapeutic agents through a body cavity or may be injected into a region in need of treatment by therapeutic agent. The composition forms a gel at body temperature of 37°C when administered to the affected body part so that gel maintains the therapeutic agent in the affected area of the body. This composition has several advantages like lower concentration of methylcellulose, wide range of pharmaceutical active agent delivery and fast gelling time.

No. of Pages: 32 No. of Claims: 9

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: FLEXIBLE SEATING SYSTEM FOR TRANSPORT VEHICLE

(51) International classification	7/00, A47C	II
(21) Princite De coment No	17/00	SHENTON WAY #19-05 AXA TOWER SINGAPORE 068811
(31) Priority Document No	:NA	Singapore
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MR. GOPAL MUSALE
(86) International Application No	:NA	2)MR. DINESH UGALE
Filing Date	:NA	3)MR. ANAND PATHAK
(87) 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:

Flexible Seating System for Transport Vehicles such that the seats can be converted to bed in longitudinal orientation or in transverse orientation. Some or any seats are ascended to pre-determined height by sliding up along one or more pillars which are integrated with cabin of transport vehicle. Pop-up pillow is provided in back-rest, which is of adjustable height, resilient and can be stowed flush to back rest. System is integratable with new transport vehicles, as also retrofittable in existing transport Vehicles.

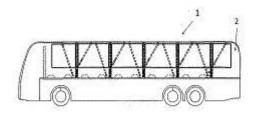


Figure -1

No. of Pages: 47 No. of Claims: 19

(22) Date of filing of Application :24/12/2013

(43) Publication Date: 21/08/2015

## (54) Title of the invention: A PROCESS FOR THE PREPARATION OF 1,2-DIARYL-PYRIDAZINE-3, 6-DIONES.

	C07D	(71)Nissas of Assaliant
(51) I. ( ( 1 . 1 (	:C07D	(71)Name of Applicant:
(51) International classification	237/00,	1).DR. M. M. V. RAMANA
	C07D475/00	11
(31) Priority Document No	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(32) Priority Date	:NA	(EAST), MUMBAI- 400 098, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. M. M. V. RAMANA
Filing Date	:NA	2)DR. SANJAY C. PAWAR
(87) 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 invention describes the synthesis of new 1, 2-diaryl-pyridazine-3, 6-diones by subjecting corresponding 3,6-diaryloxypyridazines to Chapman rearrangement.

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

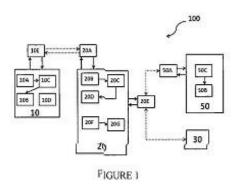
(22) Date of filing of Application :09/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A WIRELESS SENSOR NETWORK PLATFORM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04W84/18, H04L29/08 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MR. PANDE MILIND SUDHAKAR Address of Applicant: C-4, MANEK APARTMENTS, NEAR HOTEL ASHISH GARDEN, 100 FEET ROAD, KOTHRUD, PUNE-411038, MAHARASHTRA, INDIA. Maharashtra India 2)PATHAK SHANTANU JAYANTRAO (72)Name of Inventor: 1)MR. PANDE MILIND SUDHAKAR 2)PATHAK SHANTANU JAYANTRAO 3)PRABHUGAWANKAR AJIT ANIL
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#### (57) Abstract:

The present disclosure provides a comprehensive knowledge of developing a Wireless Sensor Network (WSN) platform and implementing the same for precision agriculture in a more cost effective and reliable manner. The WSN platform comprising at least two sensor-nodes cooperating with at least a base-station for learning the positioning of the sensor-nodes in an agricultural field or land and further instructing as well as managing functioning of the sensor-nodes in real time. The updates received at the base-station from the sensor-nodes are processed in real time and message strings are generated. These message strings are further transmitted to at least one user device and at least one server where the message strings are processed to generate analytical data-patterns.



No. of Pages: 34 No. of Claims: 18

(22) Date of filing of Application :24/12/2013

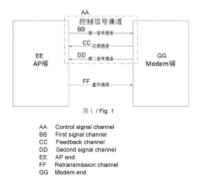
(43) Publication Date: 21/08/2015

## (54) Title of the invention: A METHOD OF MOBILE TERMINAL INTERNAL COMMUNICATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:H04W 76/02 :NA :NA :NA :PCT/CN2013/082985 :05/09/2013 :WO/2015/032048 :NA :NA	(71)Name of Applicant:  1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO., LTD.,  Address of Applicant:SPREADTRUM CENTER, BUILDING NO.1, LANE 2288, ZUCHONGZHI ROAD, ZHANJIANG HIGH-TECH PARK, PUDONGXINQU, SHANGHAI 201203, CHINA China (72)Name of Inventor: 1)SHENG, YANXIN
		1)SHENG, YANXIN
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Disclosed in the present invention is a method for the internal communication of a mobile terminal, and the present invention belongs to the field of the internal communication of mobile terminals. A control signal channel between an application processing module and a baseband processing module consists of a first signal channel, a second signal channel and a feedback channel; the application processing module transmits a first request signal to the baseband processing module via the first signal channel, and receives, via the feedback channel, a feedback signal transmitted by the baseband processing module; upon the reception of the feedback signal, the application processing module transmits data to the baseband processing module; the baseband processing module transmits a second request signal to the application processing module via the second signal channel; and then, the baseband processing module transmits the data to the application processing module. The technical solution described above has the following beneficial effects that: hardware resources of the system are saved, power consumption of the system is lowered, the process of communication connection is shortened, the rate of data transmission is increased; and also, a data retransmission mechanism is added to guarantee good safety and reliability in data transmission.



No. of Pages: 65 No. of Claims: 21

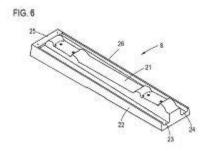
(22) Date of filing of Application :08/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A SLAB TRACK SYSTEM

	·F01B19/00	(71)Name of Applicant :
(51) International classification	E01B1/00	1)RAIL.ONE GmbH
(31) Priority Document No	:13189909.8	
(32) Priority Date	:23/10/2013	Germany Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)Arnold Pieringer
Filing Date	:NA	2)Gerhard Berns
(87) 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 slab track system, comprising wide sleepers placed in intervals on a bearing layer, where a sleeper is provided with one or preferably two drainage chutes at its sides.



No. of Pages: 14 No. of Claims: 12

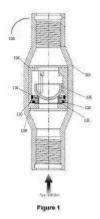
(22) Date of filing of Application :02/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: NON RETURN VALVE FOR USE IN WATER LINE.

	:F16K15/02,	(71)Name of Applicant:
(51) International classification	F16K47/00,	1)JAIN IRRIGATION SYSTEM LIMITED
	F16K15/06	Address of Applicant :JAIN PLASTIC PARK, NH NO. 6,
(31) Priority Document No	:NA	BAMBHORI, JALGAON-425001 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MR. AJIT B JAIN
(86) International Application No	:NA	2)MR. JAIKISHAN P WADHWANI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

Disclosed is a non-return valve. The non-return valve according to present disclosure comprises a housing, a guiding element, a plurality of sealing elements, a support element and a floating element 212.



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

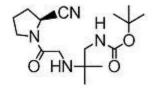
(22) Date of filing of Application :08/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A PROCESS FOR THE PREPARATION OF ANAGLIPTIN AND INTERMEDIATES THEREOF

(51) International classification	:C07D487/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(33) Name of priority country	:NA	Aurangabad Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Reddy, Naveen
(87) International Publication No	: NA	2)Naidu, Damodara
(61) Patent of Addition to Application Number	:NA	3)Sharma, Pramodkumar
Filing Date	:NA	4)Rao, Bhatraju Srinivasa
(62) Divisional to Application Number	:NA	5)Deo,Keshav
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to an improved process for the preparation of Anagliptin, intermediates thereof, or pharmaceutically acceptable thereof. The invention relates to a process for the preparation of intermediate of compound of formula III: Formula III and its conversion to Anagliptin or a pharmaceutically acceptable salt thereof.



Formula III

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

(22) Date of filing of Application :02/01/2014

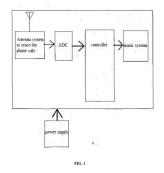
(43) Publication Date: 21/08/2015

# (54) Title of the invention : THE SYSTEM TO PAUSE THE MUSIC AUTOMATICALLY WHEN THERE IS PHONE CALL AROUND IT'.

(51) International classification	3/20, H04M 1/00	WINE, DNYANESHWAR KHANDBAHALE, TRIMBAK
(31) Priority Document No	:NA	ROAD, NASHIK-422 213, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BABASAHEB ASHOK GAYAKE
Filing Date	:NA	
(87) 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:

TITLE - The system to pause the music automatically when phone calling around it. The present invention relates to a system for pausing the music system automatically when phone calling around it at particular distance. This system will automatically pauses the music system when there is incoming or outgoing call on or from mobile phone which around the system. This system comprises the power supply to run the system, the microcontroller and antenna system to knowledge or sense the incoming or outgoing call on or from mobile phone which around the system. The ADC is used to convert the analog signal from the antenna system into digital signal to provide it to microcontroller. Initially, suppose the music is going and the mobile phone is placed at a certain distance horn that music system. When there is incoming or outgoing call on or from mobile phone which around the music system, the antenna system will sense or knowledge the calling and it will inform the controller through the. ADC. Then the microcontroller will take the action to pause the music system while the user is having incoming or outgoing call on or from mobile phone. When, the incoming or outgoing call on or from mobile phone is get end. the antenna system will sense or knowledge the end of call and inform the microcontroller. Then the microcontroller will take action to start the music system from where it was paused. If the user takes the mobile phone away from the system while calling, then the system will be start from where it was paused. This invention is useful in car specially, where we pauses the music manually when there is incoming or outgoing call on or from mobile inside the car. This invention is also useful in laptop when we are working with headphones or speaker. This will automatically start the music system at the end of phone call from where it was paused.



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

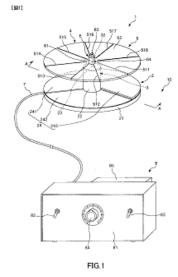
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: ASSESSMENT AID AND ASSESSMENT DEVICE

(51) International classification	:A61B6/00	(71)Name of Applicant:
(31) Priority Document No	:2011-152322	1)National University Corporation Tohoku University
(32) Priority Date	:08/07/2011	Address of Applicant :1 1 Katahira 2 chome Aoba ku Sendai
(33) Name of priority country	:Japan	shi Miyagi 9808577 Japan Japan
(86) International Application No	:PCT/JP2012/066884	2)Mitaya Manufacturing Co. Ltd.
Filing Date	:02/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/008661	1)CHIDA Koichi
(61) Patent of Addition to Application	:NA	2)KAGA Yuji
Number	:NA	3)YOKOUCHI Goro
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Provided are: an assessment aid which can be used as a phantom (pseudo lesion) in the imaging and assessment of digital X ray video images and in particular whereby digital X ray video images in a plurality of X ray absorption regions having different X ray absorptivities can be assessed; and an assessment device provided with the assessment aid. This assessment aid is used in the imaging and assessment of digital X ray video images and comprises: a fixed plate (plate shaped body) having a plurality of regions of different X ray absorptivities; a turntable (displacement body) having a plurality of wires (line members) rotatably (displaceably) provided to the fixed plate so as to transect X rays with which the fixed plate is irradiated; and a drive motor (drive unit) for rotating (displacing) the turntable with respect to the fixed plate. Preferably the fixed plate has different thicknesses and/or constituent materials in the plurality of regions and thereby has different X ray absorptivities in each of the regions.



No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 21/08/2015

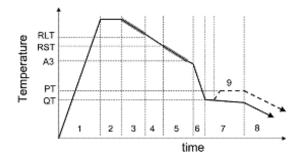
# (54) Title of the invention : METHOD FOR MANUFACTURING A HIGH STRENGTH STRUCTURAL STEEL AND A HIGH STRENGTH STRUCTURAL STEEL PRODUCT

(51) International classification :C21D1/18,C21D8/02,C21D9/46 (71) Name of Applicant: (31) Priority Document No 1)RAUTARUUKKI OYJ :20115702 (32) Priority Date :01/07/2011 Address of Applicant: Suolakivenkatu 1 FI 00810 Helsinki (33) Name of priority country :Finland Finland. Finland (86) International Application No:PCT/FI2012/050698 (72)Name of Inventor: Filing Date :02/07/2012 1)SOMANI Mahesh Chandra (87) International Publication No: WO 2013/004910 2)PORTER David Arthur (61) Patent of Addition to 3)KARJALAINEN Leo Pentti :NA **Application Number** 4)RASMUS Tero Tapio :NA Filing Date 5)HIRVI Ari Mikael (62) Divisional to Application :NA Number

#### (57) Abstract:

Filing Date

The invention relates to a method for manufacturing a high strength structural steel and to a high strength structural steel product. The method comprises a providing step for providing a steel slab a heating step (1) for heating said steel slab to 950 to 1300C a temperature equalizing step (2) for equalizing the temperature of the steel slab a hot rolling step including a hot rolling stage of type I (5) for hot rolling the steel slab in the no recrystallization temperature range below the recrystallization stop temperature (RST) but above the ferrite formation temperature A3 a quenching step (6) for quenching said hot rolled steel at cooling rate of at least 20C/s to a quenching stop temperature (QT) between Ms and M temperatures a partitioning treatment step (7 9) for partitioning said hot rolled steel in order to transfer carbon from martensite to austenite and a cooling step (8) for cooling said hot rolled steel to room temperature.



:NA

FIG 1

No. of Pages: 44 No. of Claims: 41

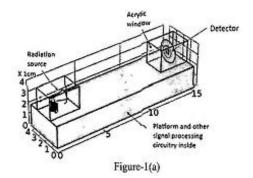
(22) Date of filing of Application :13/12/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : ALUMINUM SILICIDE SCHOTTKY DIODE FOR OUTDOOR GAS DETECTION IN HOSTILE ENVIRONMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	29/00, H01L 21/00 :NA	(71)Name of Applicant:  1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant: INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI, MUMBAI-400076. Maharashtra India (72)Name of Inventor: 1)SANDIPTA ROY 2)PROF. DUTTAGUPTA SIDDHARTHA PRAKASH 3)DESIKAN RAMAKRISHNAN
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#### (57) Abstract:

Detection of methane has major importance in safety and energy issues. Methane detection by spectroscopic technique has been demonstrated successfully by using a simple assembly comprises of an irradiation source and an optical detector. AlSi/Si Schottky diode has been used as an optical detector. IR lamp and solar radiation has been used as an irradiation source. An acrylic window has been used to cut off higher wavelength regions. Detection is performed by means of measuring reverse bias current of the Schottky diode.



No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: OIL SEPARATOR

	:F28D1/06,	(71)Name of Applicant :
(51) International classification	F25B43/02,	1)Blue Star Limited
	F28D7/10	Address of Applicant :Kasturi Buildings, Mohan T. Advani
(31) Priority Document No	:NA	Chowk, Jamshetji Tata Road, Mumbai 400 020, Maharashtra,
(32) Priority Date	:NA	India. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Sheetal M. Kulkarni
Filing Date	:NA	2)Raghvendra Tadipatri
(87) International Publication No	: NA	3)Maniram Jitender
(61) Patent of Addition to Application Number	:NA	4)Samir Chaudhari
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention provides an oil separator for separating and recovering oil from a refrigerant gas containing oil. The oil separator comprises a separator that divides housing of the oil separator in upper section and lower section. The oil separation takes in two place wherein primary oil separation takes place in upper section due to reduce in velocity of compressed gas in the upper section and the secondary oil separation takes place on demister provided in the separator. The oil separator is configured to separate oil from the refrigerant with minimum pressure drop and maximum oil separation.

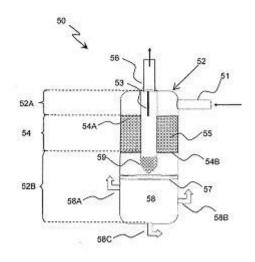


FIGURE 2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.195/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date: 21/08/2015

## (54) Title of the invention: HEAT TRANSFER COMPOSITIONS

:C09K3/30,C09K5/04,A23L1/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1113562.1 (32) Priority Date :05/08/2011

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

(86) International Application No:PCT/GB2012/051870

Filing Date :02/08/2012 (87) International Publication No: WO 2013/021174

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)MEXICHEM AMANCO HOLDING S.A. DE C.V.

Address of Applicant :Rio San Javier No. 10 Fraccionamiento Viveros del Rio Tlalnepantla 54060 Estado de Mexico c.p.

Mexico Mexico

(72) Name of Inventor: 1)LOW Robert Elliott

(57) Abstract:

The invention provides a heat transfer composition comprising up to about 30 % by weight carbon dioxide (R 744) from about 30 % to about 80 % by weight difluoromethane (R 32) and 1 3 3 3 tetrafluoropropene (R 1234ze).

No. of Pages: 44 No. of Claims: 57

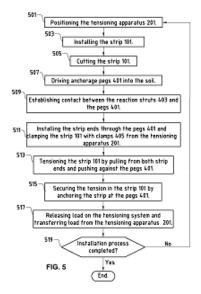
(22) Date of filing of Application :28/10/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: REINFORCED EARTH

(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCT/E	Switzerland (72)Name of Inventor:	
Filing Date :22/05/2		

### (57) Abstract:

The present invention concerns a method of installing a reinforcement strip in a compacted fill retained by facing element together with the reinforcement strip extending between an anchorage zone and the wall. The anchorage zone is located away from the facing element and separated from the facing element. The method comprises: a) installing (503) the reinforcement strip in the fill by feeding the strip from a first location in the anchorage zone to the wall and looping the strip through a wall connection point back to a second location in the anchorage zone; b) tensioning (513) the strip by pulling the strip to a predetermined tension at the first location and at the second location; and c) anchoring (515) the strip to the fill at the first location and at the second location while keeping the strip under tension.



No. of Pages: 34 No. of Claims: 16

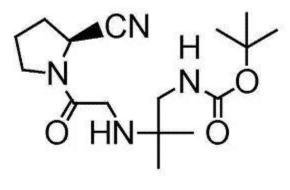
(22) Date of filing of Application :08/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A PROCESS FOR THE PURIFICATION OF INTERMEDIATE OF ANAGLIPTIN

(51) International classification	:C07D487/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana,
(33) Name of priority country	:NA	Aurangabad Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Reddy, Naveen
(87) International Publication No	: NA	2)Naidu, Damodara
(61) Patent of Addition to Application Number	:NA	3)Sharma, Pramodkumar
Filing Date	:NA	4)Rao, Bhatraju Srinivasa
(62) Divisional to Application Number	:NA	5)Deo,Keshav
Filing Date	:NA	

## (57) Abstract:

The present invention relates to an improved process for the purification of intermediate of Anagliptin. The invention also relates to purification of intermediate of compound of formula III: Formula III



Formula III

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

(21) Application No.2069/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: PTERIDINES AS FGFR INHIBITORS

(51) International classification :C07D475/00,A61K31/519,A61P35/00

(31) Priority Document No :1209613.7 (32) Priority Date :30/05/2012

(33) Name of priority :U.K.

country

(86) International :PCT/GB2013/051427

Application No :30/05/2013

Filing Date .30/03/2013

(87) International Publication No :WO 2013/179033

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)ASTEX THERAPEUTICS LIMITED

Address of Applicant :436 Cambridge Science Park Milton Road Cambridge Cambridgeshire CB4 0QA U.K. U.K.

(72)Name of Inventor:

1)SAXTY Gordon

2)HAMLETT Christopher Charles Frederick

3)BERDINI Valerio

4)MURRAY Christoper William

5)ANGIBAUD Patrick Ren

6) QUEROLLE Olivier Alexis Georges

7)PONCELET Virginie Sophie

### (57) Abstract:

The invention relates to new pteridine derivative compounds to pharmaceutical compositions comprising said compounds to processes for the preparation of said compounds and to the use of said compounds in the treatment of diseases e.g. cancer.

No. of Pages: 149 No. of Claims: 19

(22) Date of filing of Application :16/10/2014 (43) Publication Date: 21/08/2015

### (54) Title of the invention: MULTIPLE INPUT MULTIPLE OUTPUT ANTENNA AND BROADBAND DIPOLE RADIATING **ELEMENT THEREFORE**

(51) International classification :H01Q1/24,H01Q1/36,H01Q1/38 (71) Name of Applicant:

(31) Priority Document No :61/612442 (32) Priority Date :19/03/2012

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

(86) International Application :PCT/IL2013/050266

:19/03/2013 Filing Date

(87) International Publication No:WO 2013/140408

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

:NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

1)GALTRONICS CORPORATION LTD.

Address of Applicant : P.O. Box 1589 14115 Tiberias Israel

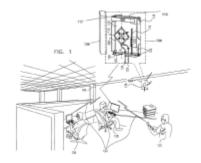
(72)Name of Inventor:

1)YONA Haim 2)MAMO Shay 3)KRUPA Steve

4)ZIV Yaniv

### (57) Abstract:

An antenna including a ground plane a dielectric substrate formed on the ground plane a broadband dual polarized dipole radiating element located on the dielectric substrate a horizontally polarized dipole radiating element located on the dielectric substrate adjacent to the broadband dual polarized dipole radiating element and having a projection parallel to a first axis which first axis intersects the broadband dual polarized dipole radiating element a vertically polarized dipole radiating element located on the dielectric substrate adjacent to the broadband dual polarized dipole radiating element and having a projection parallel to a second axis which second axis intersects the broadband dual polarized dipole radiating element and is orthogonal to the first axis and a feed network for feeding the broadband dual polarized vertically and horizontally polarized dipole radiating elements.



No. of Pages: 29 No. of Claims: 22

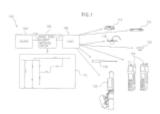
(22) Date of filing of Application :16/10/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: BROADBAND MATCHING CIRCUITS

(51) International classification	:H03H7/01,H03H7/38	(71)Name of Applicant:
(31) Priority Document No	:61/612628	1)GALTRONICS CORPORATION LTD.
(32) Priority Date	:19/03/2012	Address of Applicant :P.O. Box 1589 14115 Tiberias Israel
(33) Name of priority country	:U.S.A.	Israel
(86) International Application No	:PCT/IL2013/050263	(72)Name of Inventor:
Filing Date	:19/03/2013	1)MARTISKAINEN Matti
(87) International Publication No	:WO 2013/140405	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An antenna system including a signal source at least one antenna coupled to the signal source a matching circuit connected to the signal source at a first port and to the at least one antenna at a second port and operative to match the at least one antenna to the signal source the matching circuit having a characteristic impedance with respect to the first port and the second port real and imaginary parts of the characteristic impedance not being defined by the Hilbert transform.



No. of Pages: 78 No. of Claims: 43

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: METHOD AND APPARATUS OF FILLING INK IN A FOUNTAIN PEN CONVERTER

(51) International classification	:B43K5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAO SWAROOP GOVINDA
(32) Priority Date	:NA	Address of Applicant :331, 1-D CRS, 6TH BLOCK, 2
(33) Name of priority country	:NA	PHASE, BSK 3RD STAGE, BANGALORE - 560 085 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAO SWAROOP GOVINDA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A method and apparatus of filling ink in a fountain pen converter is described. Especially in the event of damage of the rubber washer located on the piston of the converter, a method for filling ink in the barrel of the converter is desired, which this invention provides. The invention comprises of an apparatus containing a pointed device and a holding device, the holding device also providing to temporarily store ink. The pointed device is designed to be placed inside the barrel of the said converter. The ink is made to flow from the holding device to the said barrel, the ink adhering to the pointed device all along.

No. of Pages: 8 No. of Claims: 2

(22) Date of filing of Application :27/03/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: SWASH PLATE TYPE COMPRESSOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:2012- 080029 :30/03/2012 :Japan :NA :NA : NA	(71)Name of Applicant:  1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant: 2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan (72)Name of Inventor: 1)HAYASHI, GENKI 2)BANNO, NOBUTOSHI 3)INUKAI, HITOSHI 4)GOTO, NAOKI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A swash plate type compressor includes a cylinder block having a crank chamber, a rotary shaft, a swash plate, pistons and fasteners extending through the crank chamber between any two adjacent pistons. The cylinder block further includes ribs projecting inward from inner surface of the crank chamber, extending in axial direction of the rotary shaft and being arranged so that the pistons and the fasteners are positioned alternately between any two adjacent ribs, a piston-side wall surface forming the inner surface and being positioned between any two adjacent ribs located on opposite side of the piston and a fastener-side wall surface forming the inner surface and being positioned between any two adjacent ribs located on opposite side of the fastener The piston-side wall surface is spaced further away from the rotary shaft than the fastener-side wall surface in radial direction of the rotary shaft.

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

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : RESIN COMPOSITE MATERIAL AND METHOD FOR PRODUCING RESIN COMPOSITE MATERIAL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C08L101/00,C08J3/28,C08K7/00 :2010198039 :03/09/2010	(71)Name of Applicant:  1)SEKISUI CHEMICAL CO. LTD.  Address of Applicant: 4 4 Nishitemma 2 chome Kita ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5308565 Japan
(86) International Application No Filing Date (87) International Publication No	:PCT/JP2011/070028 :02/09/2011 :WO 2012/029946	(72)Name of Inventor: 1)INUI Nobuhiko 2)MUKOHATA Daisuke 3)NARUTA Mitsuru 4)TSUMURA Kensuke
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)SAWA Kazuhiro 6)TAKAHASHI Katsunori 7)TANIGUCHI Koji
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A resin composite material which comprises a graphene structured carbon material dispersed in a synthetic resin and has high mechanical strength and a low linear expansion coefficient is provided and a method for producing the resin composite material is also provided. The resin composite material includes the synthetic resin and the graphene structured carbon material dispersed in the synthetic resin wherein the synthetic resin is grafted to the carbon material and the resin composite material has a carbon material grafting rate of 5 to 3 300 wt%. The method for manufacturing the resin composite material comprises: a step for preparing the resin composition including the synthetic resin and the graphene structured carbon material dispersed in the synthetic resin; and a step for grafting the synthetic resin to the carbon material at the same time as or after the aforementioned step.

No. of Pages: 71 No. of Claims: 19

(22) Date of filing of Application :08/12/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention : A LOW COST EASY METHOD FOR EXTRACTION OF CAROTEINOPROTEIN FROM TROPICAL SHRIMP SHELL WASTE

(51) International classification	:A22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, NEW DELHI -
(33) Name of priority country	:NA	110 114 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. CHAKRABARTI RUPSANKAR
(87) 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 method of extraction of carotenoprotein from shrimp shell waste. The method is based on maximum extraction of carotenoprotein from tropical shrimp shell waste by commercially available proteolytic enzymes trypsin, pepsin and papain at predetermined optimum process conditions followed by precipitation of carotenoprotein at isoelectric pH. The recovery of caroteinoids is 80-90% by trypsin(45°C), 60-84% by pepsin (45°C) and 70-75% by papain (55°C) depending on the type tropical shrimp shell waste.

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

(21) Application No.1172/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : EVAPORATIVE SYSTEMS AND METHODS FOR DAMPENING FLUID CONTROL IN A DIGITAL LITHOGRAPHIC SYSTEM

(51) International classification	:B41F7/00	(71)Name of Applicant:
(31) Priority Document No	:13/426,209	1)XEROX CORPORATION
(32) Priority Date	:21/03/2012	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK, CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LIU, CHU-HENG
(87) International Publication No	: NA	2)KNAUSDORF, PETER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A system and corresponding methods are disclosed for controlling the thickness of a layer of dampening fluid applied to a reimageable surface of an imaging member in a variable data lithography system. Following deposition of the dampening fluid layer, a gas is passed over a region of the fluid layer prior to pattern forming. The gas causes a controlled amount of the dampening fluid layer to evaporate such that the remaining layer is of a desired and controlled thickness. Among other advantages, improved print quality is obtained.

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

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: SYSTEMS AND METHODS FOR LEARNING AND LEARNING ORIENTED ASSESSMENT

(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)INFOSYS LIMITED  Address of Applicant: IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India (72)Name of Inventor:  1)SUBRAYA BELEYUR MANJAPPA 2)MANJUNATHA PRASANNA SATHYANARAYANA 3)MEENAKSHI SAHASRANAMAN 4)RENGARAJAN RAMANUJAM 5)AMIT PUROHIT 6)ANOOJA MARY JACOB
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#### (57) Abstract:

The technique relates to a system and method for learning and learning oriented assessment of at least one learner based on a role to be performed by the at least one learner. This technique involves identifying knowledge areas related to a particular role to be performed by the learner. Under each knowledge area different learning workflows are identified and relevant topics are mapped to the learning workflows. The performance expectation from the learner at each learning workflow level is defined. The one more challenges related to the mapped topics are created and presented to the learner to solve and a score is generated for solving the challenges. This score is compared with the predefined performance expectation to determine the learning effectiveness of the learner and a capability index is computed for the learner. REF FIG: 1

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

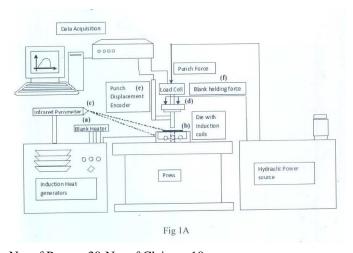
(22) Date of filing of Application :02/09/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention : DEVELOPMENT AND DESIGN CONSIDERATIONS IN WARM FORMING OF EXTRA DEEP DRAWING (EDD) METAL SHEET

(51) International classification	:B21D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SWADESH KUMAR SINGH
(32) Priority Date	:NA	Address of Applicant :PLOT 614, SECOND FLOOR
(33) Name of priority country	:NA	VIVEKANAND NAGAR, KUKATPALLY, HYDERABAD -
(86) International Application No	:NA	500 072 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SWADESH KUMAR SINGH
(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 for a system and method for warm forming of extra deep drawing (EDD) metal sheets. The system in the present invention is comprising of a blank, an induction furnace for the blank, die with induction coil, at least one non-contact temperature measurement device to measure the temperature of the blank over die and work piece, a punch with punch mechanism, a load cell connected to the punch, punch displacement encoder, a pressure transducer for varying the blank holding pressure and a computer based data acquisition, data storage and data analytical system. FIG.1A



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

(21) Application No.3108/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/09/2011 (43) Publication Date : 21/08/2015

## (54) Title of the invention: AN ENHANCED PRODUCT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:A61K :NA :NA :NA :NA :NA : NA	(71)Name of Applicant:  1)SRP MEDICAL RESEARCH PRIVATE LIMITED Address of Applicant: C9, THIRU VI KA INDUSTRIAL ESTATE, GUINDY CHENNAI - 600 032 Tamil Nadu India (72)Name of Inventor: 1)SUBRAMANIAN, M.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

An energizer comprising optimally effective proportions of suitable ingredients such as herein described with or without effective proportions of suitable excipient(s) such as herein described.

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

(22) Date of filing of Application :05/12/2011

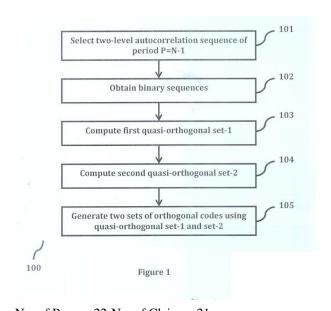
(43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR GENERATING PAIR OF ORTHOGONAL SETS WITH WIDE RANGE OF SPREADING FACTORS

(51) International classification	:H04B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JOS Sujit
Filing Date	:NA	2)NAIR Jinesh Parameshwaran
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A method and apparatus that constructs a pair of orthogonal sets of codes with low values of inter-set correlation in overloaded spread spectrum systems is disclosed. The spreading factor of the generated sets can assume any value N for which a two level autocorrelation sequence of period N-1 exists. Thus, the method facilitates enhanced flexibility in the choice of processing gain of the system. The generated sets do not contain the codeword with single polarity. Figure 1



No. of Pages: 22 No. of Claims: 21

(21) Application No.613/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date: 21/08/2015

## (54) Title of the invention: 4-OXOQUINOLINE COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:C07D :2006-060277 :06/03/2006 :Japan :PCT/JP2007/54348 :06/03/2007 :WO2007/02512	(71)Name of Applicant:  1)JAPAN TOBACCO INC.  Address of Applicant: 2-1, TORANOMON 2-CHOME,  MINATO-KU, TOKYO 105-8422 Japan  (72)Name of Inventor:  1)MATSUDA, KOJI  2)ANDO, KOJI
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on	:NA :NA :5351/CHENP/2008 :06/03/2007	3)OHKI, SHIGEJI 4)HOSHI, JUN-ICHI 5)YAMASAKI, TAKAHIRO

## (57) Abstract:



No. of Pages: 180 No. of Claims: 15

⁴⁻OXOQUINOLINE COMPOUNDS The present invention relates to a compound represented by the formula (2): wherein R is a fluorine atom or a methoxy group, and R400 is a hydrogen atom or a Ci - C« alkyl group, or a salt thereof.

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 21/08/2015

### (54) Title of the invention: VEHICLE LOCK SYSTEM

(51) International classification	:B62K3/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 075784	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date		MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MURAKAMI, HISASHI
Filing Date	:NA	2)HOSHI, TOMOHIRO
(87) International Publication No	: NA	3)ONO, JUNYA
(61) Patent of Addition to Application Number	:NA	4)KANETA, HIROYUKI
Filing Date	:NA	5)MORI, NORIYUKI
(62) Divisional to Application Number	:NA	6)NOSE, TSUBASA
Filing Date	:NA	7)OYAMA, TAKAHIRO

### (57) Abstract:

To provide a vehicle lock system which can lock a vehicle into a state in which it cannot run, even at the time of getting off the vehicle temporarily and can easily unlock the vehicle to return it to a state in which it can run. [Constitution] An ECU 140 which outputs onvehicle/off-vehicle information on the decision as to whether or not a rider is riding on a vehicle and a portable terminal 2 attached in an attachable/detachable manner by the rider of the electric motorcycle 1 are provided, and the portable terminal 2 includes a vehicle lock control module 210 for putting the electric motorcycle 1 into a locked state or unlocked state based on the on-vehicle/off-vehicle information, a user interface 255 for outputting operation information according to unlocking operation, and a display control module 250 for displaying a method of operating the user interface 255, and decides whether or not the occupant riding on the vehicle is the rider of the electric motorcycle 1, based on the operation information, and puts the electric motorcycle 1 into the locked state depending on the result of decision. [Selected Drawing] Fig. 3

No. of Pages: 49 No. of Claims: 9

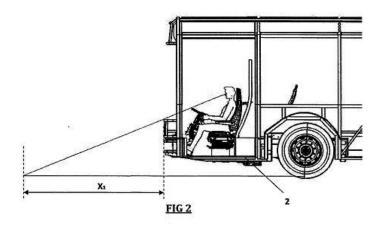
(22) Date of filing of Application :26/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : DRIVER SEAT POSITIONED ON LOW FLOOR FOR REAR ENGINE BUSES WITH WIDE DOOR AHEAD OF FRONT AXLE

(51) International classification	:B62D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)A SREEDHAR REDDY
(87) International Publication No	: NA	2)DANIEL JOSEPH
(61) Patent of Addition to Application Number	:NA	3)MUKUL MITRA
Filing Date	:NA	4)RAMAMURTHY NALIK M
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

DRIVER SEAT POSITIONED ON LOW FLOOR FOR REAR ENGINE VEHICI This invention relates to rear engine low floor vehicles with a wid door (24) ahead of the front axle (8). The driver seat (4) which is usually p at certain height from the low floor level has considerable amount of blind In this invention the driver seat is positioned directly in the low floor (2] minimize the blind distance. The steering gear box (3) is positioned well bi driver seat and in a similar manner the bevel box (12) is positioned to thi the vehicle thereby ensuring no hindrance on low floor space to driver. Tl from the steering wheel is transferred to the bevel box through the steerin & further to the steering gear box through two intermediate links (16,20) c Introduction and Introduction of the steering gear box through two intermediate links (16,20) c Introduction and Introduction of the Introduction o



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

(21) Application No.6415/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :07/09/2011

(43) Publication Date: 21/08/2015

# (54) Title of the invention : CHANNEL ASSIGNMENT OPTIMIZATION METHOD AND CHANNEL ASSIGNMENT OPTIMIZATION APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:H04W24/00 :200910047429.5 :09/03/2009 :China :PCT/CN2010/000041 :11/01/2010 :WO 2010/102506 A1 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:3, AVENUE OCTAVE GREARD, F- 75007 PARIS France (72)Name of Inventor: 1)QIU, JIGANG 2)YANG, FENG 3)XY, BINYANG
		3)XY, BINYANG
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention provides a multi-iteration based channel assignment optimization method and a channel assignment optimization apparatus. The channel assignment optimization method comprises a channel assignment optimization path searching phase and a channel switching phase. During the channel assignment optimization path searching phase, the IBS negotiates with neighboring base stations so as to detect a channel assignment optimization path through multiple iterations. Merely after successfully detecting a feasible channel assignment optimization path, IBS and its neighboring base stations initiate a channel switching process, such that useless channel switching may be avoided. Besides, in order to avoid the problem of incapability of timely convergence during the iteration process, a threshold of iteration times is preset. Once the current iteration times is greater than the threshold, the channel assignment optimization path searching process on the current channel will exit and then the process switches to other channel to detect another path.

No. of Pages: 37 No. of Claims: 14

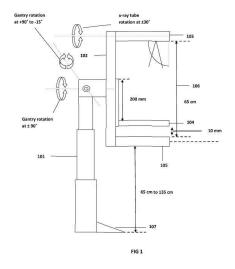
(22) Date of filing of Application :14/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : AN INTEGRATED DEVICE FOR CONDUCTING MAMMOGRAPHY, TOMOSYNTHESIS AND STEREOTACTIC BIOPSY IN MULTIPOSITION

		(71)Name of Applicant:
(51) International classification	:A61B	1)Panacea Medical Technologies pvt ltd
(31) Priority Document No	:NA	Address of Applicant :7A/1, Kadugodi industrial area,
(32) Priority Date	:NA	Kadugodi, Whitefield, Bangalore-560067 Karnataka India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)G.V.Subrahmanyam
Filing Date	:NA	2)P.Manikandan
(87) International Publication No	: NA	3)Deepak Fernando
(61) Patent of Addition to Application Number	:NA	4)Girish H
Filing Date	:NA	5)Narayana Murthy H M
(62) Divisional to Application Number	:NA	6)R.Afroza Khanam
Filing Date	:NA	7)K. Kalyan Kumar
		8)D.Narasimha Reddy

### (57) Abstract:

[031] THE INVENTION DISCLOSES AN INTEGRATED DEVICE FOR CARRYING OUT MAMMOGRAPHY, TOMOSYNTHESIS AND STEREOTACTIC BIOPSY OF PATIENT™S BREAST IN SITTING, STANDING AND LYING DOWN POSITION. THE PATIENT™S BREAST IS POSITIONED ON THE DETECTOR AND X-RAY BEAM OF SUITABLE ENERGY IS COLLIMATED ON THE PATIENT™S BREAST TO TAKE 2D, 3D IMAGES AND PERFORM STEREOTACTIC BIOPSY OPERATIONS. THE X-RAY SOURCE AND THE DETECTOR PLATE IS CAPABLE OF MOVING AT DIFFERENT ANGLES WITH RESPECT TO EACH OTHER THAT ASSIST IN TAKING IMAGES AND PERFORM STEREOTACTIC BIOPSY OF PATIENT™S BREAST IN SITTING, STANDING AND LYING DOWN POSITION.



No. of Pages: 12 No. of Claims: 7

(22) Date of filing of Application :27/03/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: A DEVICE TO CONTROL THE OPERATION OF A VEHICLE

(51) International classification	:G08G1/00	(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)RAJA SELVAN
(62) Divisional to Application Number	:NA	2)JAYABAL J
Filing Date	:NA	

#### (57) Abstract:

A device to control the operation of a vehicle is disclosed. The device comprises a vehicle parking state detection means to detect a condition to park the vehicle in a parking slot, a maneuver record means to record a parking maneuver of the vehicle into the parking slot, a storage means to store the recorder parking maneuver of the vehicle, such that, an activation means generates an activation signal depending on a condition to un-park the vehicle from the parking slot, data retrieve means retrieves the stored parking maneuver of the vehicle depending on the activation signal, a calculation means calculates at least one operation of the vehicle depending on the retrieved parking maneuver of the vehicle and a vehicle operating means operates the vehicle to un-park the vehicle from the parking slot depending on the at least one operation of the vehicle calculated by calculation means. (Figure 1)

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

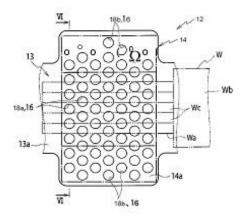
(22) Date of filing of Application :28/02/2013 (43) Publication Date : 21/08/2015

### (54) Title of the invention: CRIMP STYLE TERMINAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:28/07/2011	(71)Name of Applicant:  1)YAZAKI CORPORATION  Address of Applicant: 4 28 Mita 1 chome Minato ku Tokyo 1080073 Japan (72)Name of Inventor:  1)ONUMA Masanori 2)TAKEMURA Kousuke
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li><li>Number</li></ul>	:WO 2012/017907 :NA :NA	2)TAKEMURA Kousuke
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A crimp style terminal (10) is provided with: a base plate (13); a conductor crimp unit (12) which is formed so as to have a substantially U shaped cross section from a pair of conductor swage pieces (14) which are swaged so as to encase conductors (Wa) of a wire (W) said wire being arranged on the inner surface of the base plate (13) so as to extend to both sides of the base plate (13) and which is crimped and connected to the terminals of the conductors (Wa); and a plurality of serrations (16) which are on the inner surface of the conductor crimp unit (12) and which are formed from cylindrical concave sections having identical radii. Therein the depth of the serrations (16) formed at the rear end side inner surface of the conductor swage pieces (14) is set so as to be shallower than the depth of the serrations (16) formed at the front end side inner surface of the base plate (13).



No. of Pages: 28 No. of Claims: 3

(22) Date of filing of Application :27/09/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention : DYNAMIC QUICK RESPONSE (QR) CODE WITH EMBEDDED MONITORING DATA FOR EASE OF MOBILE ACCESS

(51) International along "Continu	F17I	(71)Nove of Ameliana
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELETRIC INDIA PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :44 P, ELECTRONICS CITY, EAST
(33) Name of priority country	:NA	PHASE, HOSUR ROAD, BANGALORE Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BAJEEV C M
(87) International Publication No	: NA	2)MOHAMED SAIT J
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method and a system for monitoring at least one parameter by a monitoring device 20 are disclosed. The monitoring device 20 comprises a graphical LCD display unit 22, at least one QR code 24, and/or keys 26. The at least QR code is displayed in the LCD display unit 22. The parameter (12, 12a) is embedded in the QR code 24. The monitoring device 20 dynamically generates the QR code 24 with the change of the parameter (12, 12a). A mobile/handheld device 28 is used to scan and decode each of the dynamically generated QR code 24 to extract data about the at least one parameter. With the data dynamically updating, a user has to be physically in front of the monitoring device 20, thereby ensuring the security of the monitoring device 20. When the mobile device 28 is connected to the other devices 30, a computer 32, and a cloud server 34, the processing of the data related to the parameter is processed by these connected devices, thereby reducing the processing burden on the monitoring device 20 and the mobile device 28. [FIG. 4]

No. of Pages: 18 No. of Claims: 20

(21) Application No.689/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: METHOD AND SYSTEM FOR PRESENTING DYNAMIC LOCK-SCREENS

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung India Electronics Private Limited
(32) Priority Date	:NA	Address of Applicant : A-25, Ground Floor, Front Tower,
(33) Name of priority country	:NA	Mohan Co-operative Industrial Estate, New Delhi-110044
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Sandeep Gupta
(61) Patent of Addition to Application Number	:NA	2)Gaurav Kakkar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

METHOD AND SYSTEM FOR PRESENTING DYNAMIC LOCK-SCREENS ABSTRACT A method and system for authenticating a user in an electronic device includes receiving an input from the user indicating the authentication window to be displayed on a lock-screen. Further, the method includes providing an option to modify the authentication window with random dummy objects on the lock-screen. The method includes displaying a dynamically generated authentication window. Furthermore, the method includes authenticating the user by validating authentication password entered by the user in the dynamically generated authentication window.

No. of Pages: 56 No. of Claims: 23

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 21/08/2015

### (54) Title of the invention: DRIVER SEAT MOBILE PHONE STOPPER

(51) International alassification	.НО4М	(71) Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)SUNIL KUMAR VADAKKECHERUVIL SIVADHASAN
(32) Priority Date	:NA	Address of Applicant :VADAKKECHERUVIL-HOUSE
(33) Name of priority country	:NA	MUNDAKKAI.P.O, MEPPADI VIA, WYNAD.D.T - 673 577
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUNIL KUMAR VADAKKECHERUVIL SIVADHASAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A Driver Seat Mobile Phone Stopper having two units, one unit is connected in the vehicle and other unit is connected in the mobile phone. The first unit in the vehicle is connected with Electronic Central Modulator (ECM) and Speedo meter in the vehicle. When the vehicle starts moving, direct current is passing to the unit in the vehicle from the Electronic Central Modulator (ECM) and Speedo meter of the vehicle and in the result, power transferred to the unit in the mobile phone through the sensor in the first unit which is fitted in front of the driver seat and the person sitting in the driver seat will not be able to make call as the mobile phone in his hand will be switched OFF. Only on stopping the vehicle or on moving the mobile phone from the driver seat, the mobile phone will be switched ON. Thus, as per the present invention the driver seat will be a Mobile Phone Free Zone. The driver will not be able to use mobile phone while driving. So the driver has to keep mobile phone out of the above said mobile phone free zone in the vehicle while driving. When a call is coming, other passengers in the vehicle can attend mobile phone. In case the driver attempts to attend/use the mobile phone sitting in his seat while driving, the mobile phone will be turned OFF. The driver can turn ON the mobile phone by showing it in front of the sensor of first unit which is fitted in front of the vehicle and in a fraction of second the mobile phone only on stopping the vehicle.

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

(22) Date of filing of Application :03/10/2011 (43) Publication Date : 21/08/2015

## (54) Title of the invention: PROCESS FOR PREPARING ALISKIREN INTERMEDIATE

(51) International classification	:C07K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAGABELLI MURALI
(87) International Publication No	: NA	2)UTTAM KUMAR RAY
(61) Patent of Addition to Application Number	:NA	3)AMINUL ISLAM
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a novel process for preparing a compound of Formula I, which is useful intermediate in the preparation Aliskiren.

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

(22) Date of filing of Application :23/10/2013

(43) Publication Date: 21/08/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR SEAMLESS SESSION CONTINUITY OF REAL-TIME MULTIMEDIA APPLICATIONS ACROSS HETEROGENEOUS NETWORKS

		(71)Name of Applicant :
		1)INDIAN INSTITUTE OF SCIENCE
(51) International classification	:H04W36/00	Address of Applicant :Bangalore- 560012, Karnataka, India.
(31) Priority Document No	:NA	Karnataka India
(32) Priority Date	:NA	2)THE SECRETARY, DEPARTMENT OF
(33) Name of priority country	:NA	ELECTRONICS AND INFORMATION TECHNOLOGY
(86) International Application No	:NA	(DEITY)
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Malati Hegde
(61) Patent of Addition to Application Number	:NA	2)S.V.R Anand
Filing Date	:NA	3)Gopi Krishna Garge
(62) Divisional to Application Number	:NA	4)Seema K
Filing Date	:NA	5)Baba Prasad G
		6)Mohammad Rafiq
		7)Shrikant Hallur

### (57) Abstract:

Embodiments of the disclosure relate to method and system for real time seamless handover of client device across heterogeneous networks. In an embodiment, the present disclosure provides a session continuity manager which runs locally at client side. The session continuity manager detects a change in network connection between client and server from a current network to a new network. Then, it establishes a signal connection on the new network with the server. However, the session continuity manager does not disconnect the connection on the current network until the transaction starts on the new network. FIG. 1



No. of Pages: 23 No. of Claims: 16

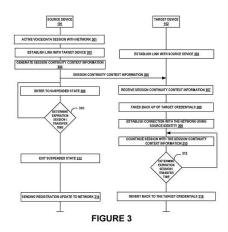
(22) Date of filing of Application :14/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR TRANSFERRING AN ONGOING SESSION FROM ONE DEVICE TO ANOTHER DEVICE

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore-560 037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GUPTA, Ashish Kumar
Filing Date	:NA	2)THIRUVENKATACHARI, Balaji Srinivasan
(62) Divisional to Application Number	:NA	3)KHACHANE, Swapnil Vinod
Filing Date	:NA	

### (57) Abstract:

The present invention describes a wireless communication systemand a method for transferring an ongoing session from one device to another device. The system 100 comprises a source device 101, a target device 102, and a wireless network 103. The source device 101 and target device 102 are connected to the wireless network 103. A session is being initiated between the first device and the network. A trigger signal for initiating transfer of the session from the first device to the second device is received as the device comes in proximity to each other. On receiving trigger signal a session continuity context is provided to the second device. A connection between the second device and the network is established on the basis of the session continuity context. The session with the network continued until the session ends or the session transfer time elapsed. Figure 3



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

(22) Date of filing of Application :24/02/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: LCD TELEVISION, LED TELEVISION, PLASMA TELEVISION AND OTHER TELEVISION SYSTEM ARRANGEMENTS WITH MOBILE PHONE

(74)	****	
(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SOMASUNDARAM RAMKUMAR
(32) Priority Date	:NA	Address of Applicant :28, SOUTH STREET,
(33) Name of priority country	:NA	TALLAKULAM, MADURAI - 625 002 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SOMASUNDARAM RAMKUMAR
(87) 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 LCD television, LED television, Plasma television and other television system comprising a mobile phone and the said mobile phone having one or plurality of simsocket contains plurality of pins wherein Input/Output pin, clock pin, reset pin, vcc pin, ground pin are several respective pins of the said simsocket and the said pins of one or plurality of simsoeket are connected in parallel and the said plurality of simsocket for accepting plurality of simcards in order to operate selectively and/or simultaneously, and the said plurality of simsocket are connected to the CPU (Central Processing Unit) in parallel and the said CPU having the switching circuit and the said CPU is connected to the one or plurality of simsocket through switching circuit and the function of one or plurality of simsocket is operated by the CPU (Central Processing Unit), switching circuit, transreceivers and the circuitry of the LCD television, LED television, Plasma television and other television system is modified in order to accommodate utilization of one simsocket or plurality of simsocket for accepting one sirncard or plurality of simcard can transreceive the mobile towers and the function of television and mobile phone is operated by selectively and/or simultaneously by the CPU (Central Processing Unit), switching circuit and the said CPU is connected to the transreceivers through antenna in the LCD television, LED television, Plasma television and other television system and all the features of mobile phone can operated by CPU (Central Processing Unit) in the LCD television, LED television, Plasma television and other television system and the said features of mobile phone is one or plurality of simsocket, keypad, LCD screen, transreceivers, video, audio, bluetooth, radio, camera, speakers, memory socket, fax, audio call, video call, WAP, Wi-Fi, GPRS and so on can operated by CPU (Central Processing Unit) in the LCD television, LED television, Plasma television and other television system and the power supply required to operate the mobile phone is obtained from the battery and/or external power supply in the LCD television, LED television, Plasma television and other television system. The said mobile phone can GSM, CDMA and so on. The said mobile phone can 2G (Second Generation), 3G (Third Generation), 4G (Fourth Generation). 5G (Fifth Generation), 6G (Sixth Generation) and so on.

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

(21) Application No.714/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: STRUCTURAL PANEL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:E04B :NA :NA :NA :NA	(71)Name of Applicant:  1)NARAYAN, G. SHANKAR  Address of Applicant: Shankar Narayan Architects 32, Moti Valley, Tirumalagiri Secunderabad 500 015 Andhra Pradesh India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	2)VEMURI, VENKATA RANGA RAO (72)Name of Inventor : 1)NARAYAN, G. SHANKAR
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	2)VEMURI, VENKATA RANGA RAO

#### (57) Abstract:

ABSTRACT STRUCTURAL PANEL Disclosed is a structural panel comprising a first joist, a second joist, one or more structural blocks, a first edge strip and a second edge strip. The second joist is spaced apart from the first joist along a longitudinal axis of the each joist. Each structural block comprising an upper natural stone layer disposed over a lower structural layer. Further, each structural block disposed on the first and the second joists such that the one or more structural blocks configure: a first edge along a length of the first joist, and a second edge along a length of the second joist. The first edge strip is adapted to be received along the first edge. The second edge strip adapted to be received along the second edge. FIG. 1

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

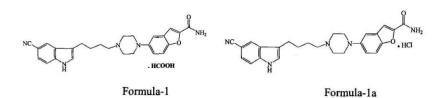
(22) Date of filing of Application :17/02/2014 (43) Publication Date : 21/08/2015

# $(54) \ Title \ of the invention: 5-[4-[4-(5-CYANO-1H-INDOL-3YL)BUTYL]-1-PIPERAZINYL]-2-BENZOFURAN \ CARBOXAMIDE \ SALT \ AND \ ITS \ PROCESS \ THEREOF$

(51) International classification	:C07D307/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAIAH
Filing Date	:NA	3)GOGULAPATI VENKATA PANAKALA RAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to formic acid salt as well as its crystalline form of antidepressant drug i.e., 5-[4-[4-(5-cyano-lH-indol-3-yl)butyl]-1-piperazinyl]-2-benzofurancarboxamide compound of formula-1, which is useful in the preparation of 5-[4-[4-(5-cyano-lH-indol-3-yl)butyl]-1-piperazinyl]-2-benzofuran carboxamide hydrochloride compound of formula-la and process for its preparation.



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

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 21/08/2015

### (54) Title of the invention: TRANSMISSION FILTER CALCULATOR, COMMUNICATION DEVICE AND METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:H04B7/00 :12162634.5 :30/03/2012 :EPO :NA :NA : NA :NA	·
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A transmission filter calculator for calculating at least a transmit filter for a communication from a transmit communication device comprising a plurality of antennas to a receive communication device out of a plurality of receive communication devices comprising a plurality of antennas via a multiple-input-multiple-output channel, is configured to iteratively determine transmit filters (va) for a plurality of data streams (sa). The transmission filter calculator is configured to choose a transmit filter (va) in a given iteration (d) such that the transmit filter (va) chosen in the given iteration is orthogonal to one or more transmit filters (va) chosen in one or more previous iterations, and such that a weighted or unweighted transmission rate (ra) obtainable using the transmit filter (va) chosen in the given iteration (d) is maximized. The transmission filter calculator is configured to choose the transmit filter (va) in dependence on a matrix product term which is based on a channel matrix (HSd) describing MIMO channel characteristics between the transmit communication device and a currently considered one (sa) of the receive communication devices and on a distortion covariance matrix (Ca) describing a noise, an inter-cell interference and an upper limit of an intra-cell interference.

No. of Pages: 75 No. of Claims: 19

(22) Date of filing of Application :06/02/2012

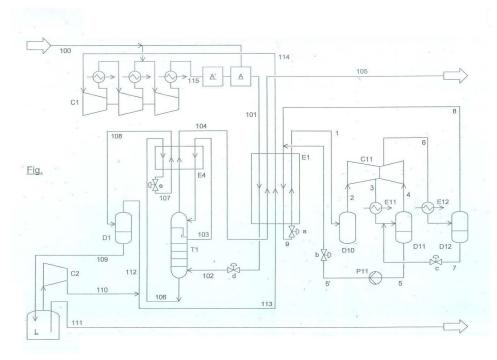
(43) Publication Date: 21/08/2015

### (54) Title of the invention: METHOD FOR COOLING A SINGLE-COMPONENT OR MULTI-COMPONENT STREAM

(51) International classification	:F25J	(71)Name of Applicant:
(31) Priority Document No	:10 2011 010 633.2	1)LINDE AKTIENGESELLSCHAFT Address of Applicant :KLOSTERHOFSTR. 1, 80331
(32) Priority Date	:08/02/2011	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)HEINZ, BAUER
Filing Date	:NA	2)ANDREAS, BUB
(87) 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 cooling a single-component or multi-component stream, in particular a hydrocarbon-rich fraction, by indirect heat exchange with the refrigerant mixture of a refrigerant mixture circuit is described, the refrigerant mixture being compressed in at least two stages and being separated into a lower- . boiling refrigerant mixture fraction compressed to the ultimate pressure of the refrigerant mixture circuit and at least one higher-boiling refrigerant mixture fraction compressed to an intermediate pressure. According to the invention, the higher-boiling refrigerant mixture fraction (5) is pumped (PII) to the pressure, of the lower-boiling refrigerant mixture fraction (8) and is combined with the lower-boiling refrigerant mixture fraction (8) before or immediately on commencement of indirect heat exchange (EI). (The relevant figure is attached.)



No. of Pages: 10 No. of Claims: 3

(22) Date of filing of Application :30/10/2012 (43) Publication Date : 21/08/2015

### (54) Title of the invention: CEPHEM COMPOUND HAVING CATECHOL GROUP

(51) International classification :C07D501/46,A61K31/546,A61P31/04

(31) Priority Document No :2010087131 (32) Priority Date :05/04/2010

(32) Priority Date :05/04/2010 (33) Name of priority

country :Japan

(86) International :PCT/JP2011/058498

Application No
Filing Date

11 C1/31 201
:04/04/2011

(87) International Publication No :WO 2011/125967

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

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

(71)Name of Applicant: 1)Shionogi & Co. Ltd.

Address of Applicant :1 8 Doshomachi 3 chome Chuo ku

Osaka shi Osaka 5410045 Japan

(72)Name of Inventor:
1)HISAKAWA Shinya
2)HASEGAWA Yasushi
3)AOKI Toshiaki

4)KUSANO Hiroki 5)SANO Masayuki 6)SATO Jun

7)YAMAWAKI Kenji

### (57) Abstract:

Abstract A compound of the formula: wherein X is -N=, -CH=, or the like; W is -CH2- or the like; U is -S- or the like; R1 and R2 are each independently hydrogen, halogen, optionally substituted lower alkyl, or the like; R3 is hydrogen or the like; each R4 is independently hydrogen, halogen, or the like; m is an integer from 0 to 2; Q is a single bond, or the like; G is -C(=0)-, or the like; D is a single bond, -NH-, or the like; and E is a cyclic quaternary ammonium group, or an ester, a protected compound at the amino on the ring in the 7-side chain, a pharmaceutically acceptable salt, or a solvate thereof.

No. of Pages: 382 No. of Claims: 25

(22) Date of filing of Application :06/02/2014

(43) Publication Date: 21/08/2015

### (54) Title of the invention: ROVING WINDER AND METHOD OF WINDING ROVINGS ON TO BOBBINS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:B65H67/048 :2011428 :15/07/2011 :Czech Republic :PCT/CH2012/000139 :25/06/2012 :WO 2013/010279 :NA :NA	(71)Name of Applicant:  1)MASCHINENFABRIK RIETER AG Address of Applicant: Klosterstrasse 20 CH 8406 Winterthur Switzerland (72)Name of Inventor: 1)HASKA Petr 2)STECH Jiri
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a roving winder particularly a turret roving winder comprising at least a pair of rotating bobbins each provided with a circumferential toothed strip for holding the roving. The bobbins are fitted on a rotary platform which is rotatably fitted in the frame of the equipment. The winder comprises a roving guide device located longitudinally with respect to the axis of rotation of the bobbins this device being positioned outside the rotary platform and adjacent to one bobbin while the other bobbins are brought towards the roving guide device by the rotation of the rotary platform when a fully wound bobbin is exchanged for an empty bobbin. The equipment is provided with a movably fitted impulse means whose direction of movement intersects the direction of movement of the roving between the fully wound bobbin and the empty bobbin near the roving guide device in the area of the circumferential toothed strip on the empty bobbin. The impulse means is provided with a drive means.



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

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

(19) INDIA

(22) Date of filing of Application :04/02/2014

(43) Publication Date: 21/08/2015

## (54) Title of the invention: HIGH FREQUENCY OSCILLATION VENTILATOR CONTROL SYSTEM

(51) International classification :A61M16/00,A61M16/20,A61M15/00

(31) Priority Document No :13/212157 (32) Priority Date :17/08/2011

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

country :U.S

(86) International :PCT/US2012/049977

Application No Filing Date :08/08/2012

(87) International

Publication No :WO 2013/025417

(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)CAREFUSION 207 INC.

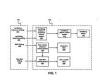
Address of Applicant: 3750 Torrey View Court San Diego

California 92130 U.S.A. (72)Name of Inventor:

1)LIU Yong 2)LEE Shouyan

### (57) Abstract:

A high frequency oscillation ventilator including an oscillating piston control system and a mean airway pressure control system. The oscillating piston control system and the mean airway pressure control system are closed loop control systems. The oscillating piston control system is independent of the mean airway pressure control system.



No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :01/12/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention : DELIVERY OF TWO OR MORE MEDICAMENTS THROUGH A SINGLE DOSE SELECTION AND DISPENSE INTERFACE

Filing Date :NA 9)HEALD, MICHAEL JAMES DAVID 10)SMITH, CHRISTOPHER JAMES	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61M5/315 :61/183,452 :02/06/2009 :U.S.A. :PCT/EP2010/057571 :01/06/2010 :WO 2010/139666 A1 :NA :NA :NA	1 '
--------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------	-----

### (57) Abstract:

An injection system for co-delivery of two medicaments (1, 2) having a drug delivery device (7) containing a primary reservoir (11) containing a first medicament (1) and having a secondary reservoir (5, 17, 30) containing a second medicament (2) where the drug delivery device (7) has only one dose setter (12) for the primary reservoir (11) and that automatically determines the dose of the second medicament (2). Both medicaments (1, 2) are delivered through a single dispense interface (3,16, 21, 31).

No. of Pages: 32 No. of Claims: 17

(22) Date of filing of Application :01/03/2013 (43) Publication Date: 21/08/2015

### (54) Title of the invention: VISUALIZING VIDEO WITHIN EXISTING STILL IMAGES

(51) International classification :G06T3/00,G06T7/00,G08G1/137 (71) Name of Applicant :

:16/08/2011

:12/881704 (31) Priority Document No (32) Priority Date :14/09/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/047956 No

Filing Date

(87) International Publication :WO 2012/036832

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond

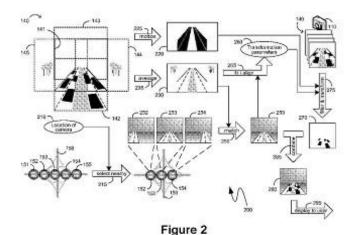
Washington 98052 6399 U.S.A.

(72) Name of Inventor:

1)OFEK Eyal 2) CHEN Billy

### (57) Abstract:

Video from a video camera can be integrated into a still image with which it shares common elements to provide greater context and understandability. Pre processing can derive transformation parameters for transforming and aligning the video to be integrated into the still image in a visually fluid manner. The transformation parameters can then be utilized to transform and align the video in real time and display it within the still image. Pre processing can comprise stabilization of video if the video camera is moveable and can comprise identification of areas of motion and of static elements. Transformation parameters can be derived by fitting the static elements of the video to portions of one or more existing images. Display of the video in real time in the still image can include display of the entire transformed and aligned video image or of only selected sections to provide for a smoother visual integration.



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

(21) Application No.8015/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011 (43) Publication Date : 21/08/2015

## (54) Title of the invention: METHOD FOR PREPARING FLUOROALKANESULPHINIC ACID ESTERS

(51) International classification (31) Priority Document No	:C07C313/04 :09 02136 :04/05/2009	(71)Name of Applicant: 1)RHODIA OPERATIONS Address of Applicant: 40, RUE DE LA HAIE COQ, F-93300
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:France	AUBERVILLIERS France (72)Name of Inventor:
Filing Date	:29/04/2010	1)BUISINE, OLIVIER
(87) International Publication No	:WO 2010/127991 A1	
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present invention relates to a method for preparing fluoroalkanesulphinic acid esters. The invention specifically relates to the preparation of esters of trifluoromethanesulphinic acid, commonly referred to as triflinic acid. The method for preparing a fluoroalkanesulphinic acid ester according to the invention is characterised in that said method includes the reaction of a fluoroalkanesulphinic acid with an organic carbonate leading to the formation of a fluoroalkanesulphinic acid ester and carbon dioxide which is removed during the reaction.

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

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 21/08/2015

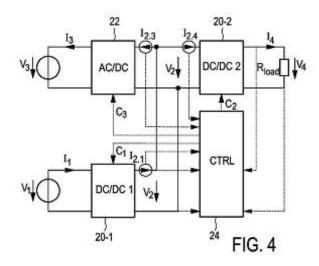
## (54) Title of the invention: CONTROLLED CONVERTER ARCHITECTURE WITH PRIORITIZED ELECTRICITY SUPPLY

:H02J1/10,H02J3/38,H02J3/46 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :11163121.4 (32) Priority Date :20/04/2011 Address of Applicant : High Tech Campus 5 NL 5656 AE (33) Name of priority country :EPO Eindhoven Netherlands (86) International Application No (72) Name of Inventor: :PCT/IB2012/052002 Filing Date 1)BOEKE Ulrich :20/04/2012 (87) International Publication No :WO 2012/143904 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

#### (57) Abstract:

Filing Date

The present invention relates to a power converter architecture and its operation principle that supplies an electric load with a controlled direct voltage from both a local direct current electricity source as well as an alternating current (AC)mains with maximum power conversion efficiency. For the case that the local electricity source can not provide enough electricity to the local load it is additionally supplied with electricity from the AC mains. In other case electricity is also feed into the AC grid when a local source can provide more electricity than needed to supply local loads.



:NA

No. of Pages: 21 No. of Claims: 13

(21) Application No.10237/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: IMAGE PROCESSING DEVICE AND METHOD

(51) International classification	:H04N7/32,H04N13/02	(71)Name of Applicant:
(31) Priority Document No	:2011145564	1)SONY CORPORATION
(32) Priority Date	:30/06/2011	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2012/066582	(72)Name of Inventor:
Filing Date	:28/06/2012	1)TAKAHASHI Yoshitomo
(87) International Publication No	:WO 2013/002342	2)HATTORI Shinobu
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to an image processing device and method that are capable of suppressing a reduction in coding efficiency. The image processing device comprises: a prediction vector generation unit that when encoding a current parallax vector for a current block to be used in prediction which uses the correlation of parallax directions uses a reference parallax vector which is referred to when generating prediction motion vectors to generate a prediction vector for the current parallax vector; and a difference vector generation unit that generates a difference vector between the current parallax vector and the prediction vector generated by the prediction vector generation unit. This disclosure can be applied to image processing devices.

No. of Pages: 325 No. of Claims: 27

(21) Application No.1248/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013 (43) Publication Date : 21/08/2015

# $(54) \ Title \ of the invention: AMORPHOUS \ 2-CHLORO-N-(4-CHLORO-3-(PYRIDIN-2-YL)PHENYL)-4-(METHYLSULFONYL)BENZAMIDE$

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :SHILPA MEDICARE LIMITED, 2ND
(33) Name of priority country	:NA	FLOOR, 10/80, RAJENDRA GUNJ, RAICHUR Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAFIUDDIN
(87) International Publication No	: NA	2)SINGH, VINOD KUMAR
(61) Patent of Addition to Application Number	:NA	3)KOKARE, NAGNNATH
Filing Date	:NA	4)CHATURVEDI, AKSHAY KANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to amorphous form of (2-chloro-N-(4-chloro-3-(pyridin-2-yl)phenyl)-4-(methylsulfonyl)benzamide (I) or its pharmaceutically active salts, and process for preparation thereof. The invention further relates to pharmaceutical compositions comprising amorphous form of (2-chloro-N-(4-chloro-3-(pyridin-2-yl)phenyl)-4-(methylsulfonyl)benzamide having anti-cancer activity.

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

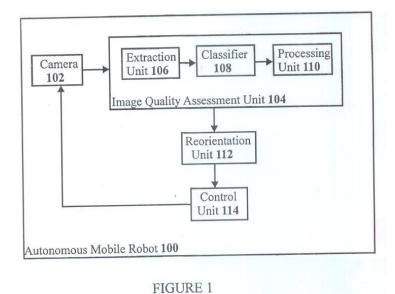
(22) Date of filing of Application :24/06/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: AN AUTONOMOUS ROBOT PHOTOGRAPHER

(51) International classification	:B25J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTERNATIONAL INSTITUTE OF INFORMATION
(32) Priority Date	:NA	THCHNOLOGY, HYDERABAD
(33) Name of priority country	:NA	Address of Applicant :GACHIBOWLI, HYDERABAD 500
(86) International Application No	:NA	032 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GADDE RAGHUDEEP
(61) Patent of Addition to Application Number	:NA	2)PROF. KARLAPALEM KAMALAKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An autonomous robot without stereo vision for capturing high quality and aesthetically good images and a method thereof have been disclosed. The autonomous robot employs an iterative approach to assess the quality of an image based high level features combined with features of 'aesthetic guidelines of professional photography' to automatically re-orient its camera to capture better human as well as non-human images. Thus, the robot captures professional photographs that are in accord with the human professional photography.



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

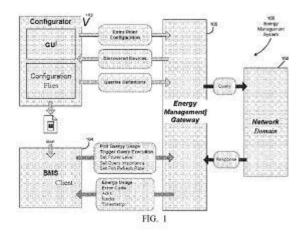
(22) Date of filing of Application :14/01/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ENERGY MANAGEMENT GATEWAYS AND PROCESSES

(51) International classification	:G05B15/02	(71)Name of Applicant:
(31) Priority Document No	:13/163796	1)SCHNEIDER ELECTRIC BUILDINGS LLC
(32) Priority Date	:20/06/2011	Address of Applicant :1415 S. Roselle Road Palatine IL 60067
(33) Name of priority country	:U.S.A.	7399 U.S.A.
(86) International Application No	:PCT/US2012/043133	(72)Name of Inventor:
Filing Date	:19/06/2012	1)WHITE William Anthony III
(87) International Publication No	:WO 2012/177630	2)DAGOSTINO Stefano
(61) Patent of Addition to Application	:NA	3)BATES Paul Stuart
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An energy management gateway is provided. The energy management gateway includes a memory a processor coupled to the memory a building management system (BMS) interface executed by the processor and an energy management system interface executed by the processor. The BMS interface is configured to receive a first message the first message being structured according to an industrial protocol. The energy management interface is configured to translate the first message into a second message structured according to an energy management protocol different from the industrial protocol the second message including a query comprising at least one command and a set of qualifiers the query being addressed to at least one first endpoint and to provide the second message to a first domain member of a first domain including the at least one first endpoint the first domain member being a device other than the at least one first endpoint.



No. of Pages: 55 No. of Claims: 20

(22) Date of filing of Application :23/03/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: METHOD FOR PRODUCING MODIFIED PROPYLENE POLYMER

(51) International classification	:C08J	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(31) Friority Document No	067568	Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-
(32) Priority Date	:25/03/2011	KU, TOKYO 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKAJIMA, HIROYOSHI
Filing Date	:NA	2)SHIMANO, MITSUYOSHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a method for producing a modified propylene polymer that exhibits low flowability and also exhibits little fluctuation in melt flow rate compared with the melt flow rate of the propylene polymer before modification, the method involving a heat treatment step of subjecting a mixture comprising 100 parts by weight of a propylene polymer (A), from 0.1 to 50 parts by weight of an ethylenically unsaturated bond-containing compound (B), and from 0.01 to 20 parts by weight of an organic peroxide (C) whose decomposition temperature at which the half-life thereof becomes 1 minute is lower than 120°C to heat treatment by using an extruder at a temperature lower than the decomposition temperature of the organic peroxide (C) at which the half-life thereof becomes 1 minute.

No. of Pages: 38 No. of Claims: 4

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: AN ELECTRIC SWITCHING DEVICE AND RELATED ELECTRIC APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:12161169.3 :26/03/2012 :EPO :NA :NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland (72)Name of Inventor: 1)BELLONI, FRANCESCO
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	2)BERTOLOTTO, PIERINO
Filing Date	:NA	

### (57) Abstract:

An electric switching device for an electric circuit, comprising: at least an electric phase comprising at least a circuit breaking unit associated to a disconnector unit, wherein the circuit breaker unit comprises a circuit breaker movable contact which can be actuated between a closed position and an open position with respect to a corresponding circuit breaker fixed contact, and wherein the disconnector unit comprises at least a diconnector movable contact which can be actuated between a connection position and a disconnection position with respect to a corresponding disconnector fixed contact; a casing comprising an insulating shell coupled to a metal shell. The casing houses at least the circuit breaker unit and the associated disconnector unit of said at least an electric phase.

No. of Pages: 50 No. of Claims: 18

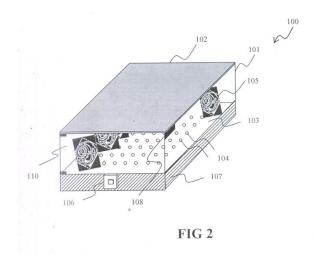
(22) Date of filing of Application :14/11/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: RFID ENABLED SMART SHELF FOR ASSET TRACKING

(51) International classification	:G06K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TITAN INDUSTRIS LTD
(32) Priority Date	:NA	Address of Applicant :TOWER A, GOLDEN ENCLAVE,
(33) Name of priority country	:NA	AIRPORT ROAD, BANGALORE - 560 017 Karnataka India
(86) International Application No	:NA	2)C & B ELECTRONICS PVT, LTD
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HARIYACHAR GURURAJ
(61) Patent of Addition to Application Number	:NA	2)LOKAPPA MALLANAGOUDAR ERANAGOUDA
Filing Date	:NA	3)SUDEVAN PADINCHAREPPAT VARIATHU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention provides an RFID enabled shelf structure for asset tracking that enables automatic issue and return of the assets. The associated asset tracking application keeps the record of the issue and return transaction by the user and enables quick search of the assets. The process of issue/return is completely automatic and reduces any chances of loss of assets as it keeps track of the users who removed the assets. Once the assets is removed from the shelf structure, the RFID reader does not read the code from the tags as the entire shelf is enclosed inside the metal cover and prevents the reader from receiving radio waves from outside the shelf. (FIG 2)



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

(21) Application No.4643/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/10/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: RECOMBINATION VENT PLUG

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA :NA	(71)Name of Applicant:  1)GREENVISION TECHNOLOGIES PVT. LTD.  Address of Applicant: No 45/1, 4th Cross, Sampige road,
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	Malleswaram Bangalore-560 003 Karnataka India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)Dr Shashikant Narayan Joshi
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

### (57) Abstract:

[0033] The invention discloses a recombination vent plug for a secondary rechargeable battery. The recombination vent plug includes a honeycomb substrate coated with a catalyst for the recombination of gases. The catalysts are in ionized form. The recombination vent plug also includes housing with a number of passages. A first passage holds the honey comb substrate and allows the gases coming from a battery cell to pass through it. The recombination vent plug also includes a dome shaped casing over the honey comb substrate for water condensation. The condensed water molecules from the dome shaped casing flow down to the battery cell through a second passage of the housing.

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

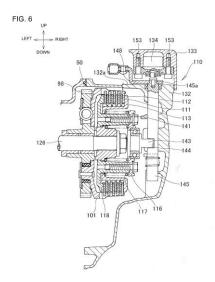
(22) Date of filing of Application :27/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: VEHICLE WITH IDLE STOP DEVICE

(51) International classification	:F16D	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)HONDA MOTOR CO., LTD.
(31) Thority Document No	076541	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:30/03/2011	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KATAYAMA, ATSUSHI
Filing Date	:NA	2)KUROSAKA, HITOSHI
(87) International Publication No	: NA	3)NAGATSUYU, TOSHIIYA
(61) Patent of Addition to Application Number	:NA	4)NIWA, JUNYA
Filing Date	:NA	5)KANO, TAKESHI
(62) Divisional to Application Number	:NA	6)WATANABE, SATORU
Filing Date	:NA	

### (57) Abstract:

To provide a technology capable of judging a state of a clutch more accurately in an idle stop/start. [Solution] In a vehicle with an idle stop device, a clutch 110 is composed of a clutch housing 101 having a driving-side friction plate 111; a clutch inner 113 installed in the clutch housing 101 through a clutch spring 117 and having a driven-side friction plate 112 separated from or brought in pressure contact with the driving-side friction plate 111; and a clutch shaft 145 rotatably supported on a crankcase 50 and having a cam section 144 enabling disengagement/engagement of the clutch 110 by pressing the clutch inner 113 against force of the clutch spring 117, and a clutch sensor 134 is a sensor that detects a rotational angle of the clutch shaft 145. [Selected Drawing] Fig. 6



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

(21) Application No.1345/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A PROCESS FOR PREPARING SINTERED ALUMINA ABRASIVES FROM SODIUM ALUMINATE

	G0 4P 25 /00	
(51) International classification	:C04B35/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CARBORUNDUM UNIVERSAL LIMITED
(32) Priority Date	:NA	Address of Applicant :PARRY HOUSE-6TH FLOOR, 43
(33) Name of priority country	:NA	MOORE STREET, CHENNAI 600 001 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAYAN PONNARASSERY SUKUMARAN
(87) International Publication No	: NA	2)PREMANSHU JANA
(61) Patent of Addition to Application Number	:NA	3)ASHOK KUMAR JYOTHIRAJ
Filing Date	:NA	4)ANANTHASESHAN NARAYANAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to abrasive particles and methods of making the same. Particularly, this invention relates to a process of making alpha alumina based sintered abrasive grain. Abrasive grains of this invention show improved properties such as high density, high micro-hardness, and moderate fracture toughness. This invention also discloses the integrated manufacturing process of sintered abrasives.

No. of Pages: 20 No. of Claims: 19

(21) Application No.366/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012 (43) Publication Date : 21/08/2015

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

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:H04N5/76 :2009-163974 :10/07/2009 :Japan :PCT/JP2010/061506 :07/07/2010 :WO 2011/004830 A1 :NA	(71)Name of Applicant:  1)SHARP KABUSHIKI KAISHA Address of Applicant: 22-22 NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan (72)Name of Inventor: 1)FUJIMOTO, TAKAOMI 2)WATANABE, TAKASHI
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

Disclosed is a display device that makes recording and scheduling programs chosen by a user simpler than was conventionally possible. While viewing a broadcast program of any channel on the display device, a user gives an instruction for different-channel program guide display (S1). The display device displays different-channel programs broadcasted at the time as a list (S2). In that state, the user presses down the cursor button of a remote controller (S3), the position of the cursor is changed (S4), and the user press down a record button (45) (S5) to start recording the program at the cursor position (S6).

No. of Pages: 46 No. of Claims: 11

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: DRIVE SYSTEM LUBRICATION CONSTRUCTION

(51) International classification	:F16H	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) Fliority Document No	064077	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:21/03/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)IGARASHI, TATSUYA
Filing Date	:NA	2)KUBOTA, YUJI
(87) 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 drive system lubrication construction includes: an electric motor; a change-speed mechanism that is connected to the electric motor and which lies adj acent to the electric motor in an axial direction; and a lubrication supply member which supplies lubrication oil to the electric motor and the change-speed mechanism; wherein: the electric motor is disposed on one axial side of the lubrication supply member; the change-speed mechanism is disposed on the other axial side of the lubrication supply member; the lubrication supply member is formed to be substantially U-shaped along with the electric motor; a first flow path and a second flow path that are connected to each other and through which lubrication oil flows are formed in the lubrication supply member; at least one first lubrication hole that communicates with the first flow path and which supplies the lubrication oil in the first flow path to the change-speed mechanism which is disposed on the other axial side of the lubrication supply member is provided in the other axial side surface of the lubrication oil in the second flow path and which supplies the lubrication oil in the second flow path to the electric motor which is disposed on the one axial side of the lubrication supply member is provided in one axial side surface of the lubrication supply member.

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

(21) Application No.153/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012 (43) Publication Date : 21/08/2015

## (54) Title of the invention: IMPACT ENERGY ABSORBER FOR STEERING WHEEL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:B60R :NA :NA :NA	(71)Name of Applicant: 1)AUTOLIV DEVELOPMENT AB Address of Applicant: WALLENTINSVAGE, 22, S-447 83 VARGARDA Sweden
(33) Name of priority country (86) International Application No Filing Date (87) International Publication No.	:NA :NA :NA : NA	(72)Name of Inventor : 1)DEEPAK G S
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:NA :NA	2)GURUNATH HANCHE
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention provides a steering wheel with an impact-energy absorbing movable horn pad connected to an armature. A primary impact-energy absorbing member connected to the horn pad, to absorb primary impact energy from the armature. A set of secondary impact-energy absorbing members connected to the primary impact-energy absorbing member, to absorb secondary impact energy from the primary impact-energy absorbing members. A peripheral impact-energy absorbing arrangement, connected to the primary and secondary impact-energy absorbing members, to absorb residual impact energy from the primary and secondary impact-energy absorbing members and to retain the horn pad with the armature of the steering wheel, to uniformly absorb and dissipate impact-energy. The impact-energy absorbing horn pad of the present invention renders a complete dissipation and absorption of the impact energy without causing any resultant damage to a user and it also prevents the scattering of debris of the horn pad on impact.

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application: 12/12/2011 (43) Publication Date: 21/08/2015

## (54) Title of the invention: FISH FOOD COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, NEW DELHI -
(33) Name of priority country	:NA	110 114 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. SRINIVASA GOPAL TERALANDUR
(87) International Publication No	: NA	KRISHNASWAMY
(61) Patent of Addition to Application Number	:NA	2)YATHAVAMOORTHI RAMAKRISHNAN
Filing Date	:NA	3)MUMTHAZ VALIYAVELIKAKATH RASHID
(62) Divisional to Application Number	:NA	4)DR. BINDU JAGANATH
Filing Date	:NA	5)DR. SUSEELA MATHEW

## (57) Abstract:

The present invention relates to a process of preparing ready to eat fish food composition utilizing the discarded tuna red meat and product thereof. Red meat obtained from skipjack tuna which is usually discarded as waste during processing is being utilized as one of the ingredients for the value added product of this nature. The red meat which is cleaned and minced is mixed with cereal flours, spices, salt and water. The ingredients are then sieved and kept for moisture equilibration for a period of time. Then the ingredients are fed into a twin screw extruder maintained at 1400C with a screw speed of 360rpm, cutter speed of 300 rpm and feeder seep of 30 rpm. The obtained product is coated with spice mixture and oil in a coating pan. The product is then packed in pouch made of 12u metallised polyester film laminated by 60M polythene with nitrogen gas filling. Storage study reveals that the product is acceptable up to 3 months at ambient temperature.

No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : METHODS, SYSTEMS AND COMPUTER-READABLE MEDIA FOR RECOMMENDING A SHOPPING PATH

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:G06Q30/00 :NA	(71)Name of Applicant: 1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SATYABRATA PRADHAN
(61) Patent of Addition to Application Number	:NA	2)DR. RADHA KRISHNA PISIPATI
Filing Date	:NA	3)KISHORE JONNA
(62) Divisional to Application Number	:NA	4)SWAPNA SOURAV ROUT
Filing Date	:NA	

## (57) Abstract:

The present invention provides a method and system for recommending an optimal shopping path to a user. A shopping layout of a shopping store is downloaded on a handheld device. A shopping list is received from the user, comprising one or more shopping items. A final shopping list is created by appending one or more additional shopping items to the shopping list. The optimal shopping path representing a shortest path on the shopping layout traversing each shopping item of the final shopping list is generated. Ref. FIG. 1

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

(21) Application No.1633/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date: 21/08/2015

# (54) Title of the invention : MICROBIAL COUNTING CELL MICROBE COUNTING DEVICE USING SAME AND MICROBE COUNTING METHOD USING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C12M1/34,C12M1/30 :2010191809 :30/08/2010 :Japan :PCT/JP2011/004776 :29/08/2011 :WO 2012/029273 :NA :NA	(71)Name of Applicant:  1)PANASONIC CORPORATION  Address of Applicant:1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor:  1)OOUCHI Kazufumi
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

This microbial counting cell comprises: a bottomed cylindrical container (1) having an upper surface opening (2); and a cylindrical holder (5) arranged upright on the bottom surface in the container (1) a sampling element provided to the lower end section of a rod shaped cotton swab being inserted into the holder (5) from the upper surface opening (2). Elution projections (7) are provided to the inside surface of the holder (5); and elution slits (6) that pass through from the interior to the exterior are provided to the side surface of the holder (5).

No. of Pages: 97 No. of Claims: 21

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : TIME DIVISION DUPLEX COMMUNICATION APPARATUS AND RECEPTION INTERFERENCE PREVENTING METHOD THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:H04B15/00 :2009-207606 :09/09/2009 :Japan :PCT/JP2010/005251 :26/08/2010	(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)WATANABE, JUNJI
(87) International Publication No	:WO 2011/030512 A1	
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Provided is a time division duplex communication apparatus capable of distinguishing interruption by a received interference wave at a reception time, interruption occurring upon completion of measurement of received power, and interruption caused by power leaked into a receiving system during transmission time. The time division duplex communication apparatus includes a variable attenuator 7 for adjusting power of a reception signal, an interruption factor detection unit 11 for detecting an interruption signal from the reception signal, a reception timing determination unit 21 for determining whether the interruption signal is due to a received interference wave, and an interference wave determination unit 31 for controlling the variable attenuator 7 when it is determined that the interruption signal is due to the received interference wave.

No. of Pages: 36 No. of Claims: 13

(22) Date of filing of Application :31/10/2013 (43) Publication Date: 21/08/2015

## (54) Title of the invention: SYSTEMS AND METHODS OF WIRELESS COMMUNICATION WITH REMOTE RADIO HEADS

(51) International classification :H04B7/04,H04L1/06,H04J11/00 (71) Name of Applicant :

(31) Priority Document No :13/099107 (32) Priority Date :02/05/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/034530

No :20/04/2012 Filing Date

(87) International Publication No:WO 2012/151065

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

Filing Date (62) Divisional to Application

:NA Number

:NA Filing Date

1)BLACKBERRY LIMITED

Address of Applicant :2200 University Avenue East Waterloo

Ontario N2K 0A7 Canada (72) Name of Inventor:

1)GAO Shiwei 2)XU Hua

3)GUO Shiguang

4)SMITH Jack Anthony

5)JIA Yongkang

6)EBRAHIMI TAZEH MAHALLEH Masoud

7)YU Dongsheng

8)HARRISON Robert Mark

## (57) Abstract:

A method for communication in a telecommunications cell is provided. The method includes transmitting by an eNB a UE specific SRS to a specific UE in the cell via at least one TP. The method further includes receiving by the eNB a message from the UE wherein the message includes information on a downlink channel from the TP to the UE based on a measurement by the UE of the UE specific SRS.

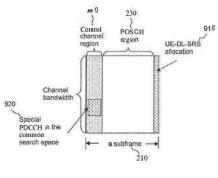


Figure 9

No. of Pages: 55 No. of Claims: 42

(22) Date of filing of Application :24/02/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention : PSEUDO-SUNLIGHT IRRADIATION APPARATUS AND SOLAR PANEL INSPECTION APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:29/08/2011 :WO/2012/046377 :NA :NA	(71)Name of Applicant:  1)SHARP KABUSHIKI KAISHA  Address of Applicant:22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan (72)Name of Inventor:  1)TADANO, HIROYUKI
Filing Date	:NA	

### (57) Abstract:

Light irradiates readily and reliably with uniform illuminance over an entire irradiation area even if an area of an irradiation subject is large and even after lamp replacement. For each optical system, a lamp light source and an optical filter, which are capable of controlling the light amount, are provided. The irradiation area of the irradiation subject is assumed to be divided into a plurality of areas to be constituted as a plurality of small irradiation areas. Further, the light guiding members of the optical systems correspond to respective ones of the plurality of small irradiation areas, and the plurality of optical systems emit light onto the entire irradiation areas.

No. of Pages: 64 No. of Claims: 6

(21) Application No.1906/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 21/08/2015

### (54) Title of the invention: ARTIFICIAL STONE LAMINATE

(51) International classification :C04B26/02,B32B27/04,C04B14/38

(31) Priority Document No :2575/CHE/2010 (32) Priority Date :06/09/2010

(33) Name of priority country: India

(86) International Application :PCT/IN2011/000602

No :02/09/2011

Filing Date :02/09/201

(87) International Publication :WO 2012/032538

(61) Patent of Addition to
Application Number
:NA

Application Number :NA Filing Date

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

(57) Abstract :

(71)Name of Applicant :

1)ARAVAMUDAN Gosakan

Address of Applicant:#44/1 1st Floor Sriram Mandir Road

Basavangudi Bangalore 560 004 Karnataka India

(72)Name of Inventor:

1)ARAVAMUDAN Gosakan

An artificial stone laminate comprising a layer of particulates a layer of reinforcing fibers backing the layer of particulates a substrate attachment layer backing the layer of reinforcing fibers and a binder that binds the particulates the reinforcing fibers and the substrate attachment layer is provided. An exposed surface of the layer of particulates is polished flat. The reinforcing fibers comprise for example glass fibers. The substrate attachment layer is for example a cellulosic layer a layer of cenospheres a layer of fleece or a layer comprising a hook side or a loop side of a hook and loop fastener. The binder is for example a polyester resin with a filler or an acrylic resin. The particulates comprise for example one or more of quartz particulates metal pieces transparent particulates coated with metal and colored glass or any combination thereof.



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

(22) Date of filing of Application :27/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : GLUTAMINE-RICH PEPTIDES AS AIR ENTRAINING AGENTS IN BUILDING MATERIAL COMPOUNDS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:C04B :102012205372.7 :02/04/2012 :Germany :NA	(71)Name of Applicant: 1)EVONIK INDUSTRIES AG Address of Applicant: RELLINGHAUSER STRASSE 1-11, 45128, ESSEN Germany (72)Name of Inventor:
Filing Date	:NA	1)SCHILLING, MARTIN
(87) International Publication No	: NA	2)TOELLE, CHRISTOPH
(61) Patent of Addition to Application Number	:NA	3)SCHEUERMANN, RALPH
Filing Date	:NA	4)GIESSLER-BLANK, SABINE
(62) Divisional to Application Number	:NA	5)HEISSING, JORN
Filing Date	:NA	

### (57) Abstract:

The invention relates to the use of hydrolysates of glutamine-rich proteins for use as air entraining agents in building material compounds.

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

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SURFACE COATED ZEOLITE MATERIALS FOR DIESEL OXIDATION APPLICATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:27/09/2011 :WO 2012/044617 :NA	(71)Name of Applicant:  1)MELANIE Brown Address of Applicant:BASF CORPORATION 100 Campus Drive Florham Park NJ 07932 U.S.A. (72)Name of Inventor: 1)WEI Xinyi 2)ROTH Stanley A.
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2012/044617	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A diesel oxidation catalyst for the treatment of exhaust gas emissions such as the oxidation of unburned hydrocarbons (HC) and carbon monoxide (CO) is described. Also described is a novel washcoat composition including a surface coated zeolite coated with at least one of zirconia and alumina and a platinum group metal supported on a high surface area alumina.

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

(21) Application No.7526/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/09/2013 (43) Publication Date: 21/08/2015

## (54) Title of the invention: RUBBER COMPOSITION AND PNEUMATIC TIRE

(51) International classification :C08L15/00,B60C1/00,C08F8/00 (71)Name of Applicant:

(31) Priority Document No :2011096557 (32) Priority Date :22/04/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/060344

:17/04/2012 Filing Date

(87) International Publication No:WO 2012/144488

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SUMITOMO RUBBER INDUSTRIES LTD.

Address of Applicant: 6 9 Wakinohama cho 3 chome Chuo ku

Kobe shi Hyogo 6510072 Japan

(72) Name of Inventor: 1)IIZUKA Toru

2) UESAKA Kenichi 3)ITO Hiroshi

4)KAGAWA Yoshihiro

5)IMOTO Yoji

## (57) Abstract:

[Problem] To provide a rubber composition capable of well balanced improvement of fuel efficiency wet traction abrasion resistance stability and workability and a pneumatic tire using same. [Solution] The invention relates to a rubber composition that contains a rubber component silica and a compound represented by formula (1). Said rubber component contains 5 mass% or more of a conjugated diene polymer that comprises structural units having a conjugated diene and structural units represented by specific silicon atom terminated unsaturated compounds and wherein at least one end of the polymer is modified by at least one kind of compound selected from specified compounds. The content of the silica is 5 150 parts by mass with respect to 100 parts by mass of said rubber component.

No. of Pages: 173 No. of Claims: 19

(22) Date of filing of Application :01/02/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: PREVENTION OR REDUCTION OF SCALING ON A HEATER ELEMENT OF A WATER HEATER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:10170384.1 :22/07/2010 :EPO	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: Groenewoudseweg 1 NL 5621 BA Eindhoven Netherlands (72)Name of Inventor: 1)WIELSTRA Ytsen
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

The invention provides a method of using a water heater arranged for heating an aqueous liquid wherein the water heater comprises a heating element to heat aqueous liquid in the water heater. The method comprising (a) heating aqueous liquid in the water heater with the heating element wherein the heating element is in contact with the aqueous liquid; and (b) applying a first AC voltage between the heating element and a counter electrode and applying a second AC voltage between the heating element and the counter electrode wherein the second AC voltage has a second AC frequency selected from the range of 0.02 Hz 5 Hz and wherein the ratio between the first AC frequency and the second AC frequency is 2 or more.

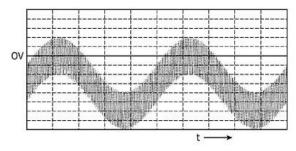


FIG. 2d

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

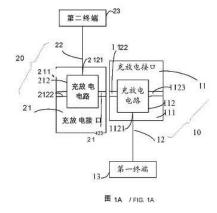
(22) Date of filing of Application: 19/11/2013 (43) Publication Date: 21/08/2015

## (54) Title of the invention: CHARGING AND DISCHARGING DEVICE AND TERMINAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:28/06/2013 :WO 2014/000680	(71)Name of Applicant:  1)HUAWEI DEVICE CO. LTD.  Address of Applicant: Building B2 Huawei Industrial Base Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor:  1)WANG Lifei
. ,		
(87) International Publication No	:WO 2014/000680	
. ,	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed are a charging and discharging device and a terminal. The charging and discharging device (10) comprises: a charging and discharging interface (11) and an interface conductor for external connection (12). The charging and discharging interface comprises an interface shell (111) and a charge discharge circuit (112) built in the interface shell wherein the charge discharge circuit comprises: a battery connection end (1121) a current input end (1122) and a current output end (1123). One end of the interface conductor for external connection is electrically connected to the battery connection end and the other end thereof is electrically connected to a battery of a first terminal (13). The current input end is used for connecting to a current output end (2123) of a second charging and discharging device (20) so as to charge the battery of the first terminal the second charging and discharging device being electrically connected to a second terminal (23). The current output end of the charge discharge circuit is used for connecting to a current input end (2122) of the second charging and discharging device so as to output electric energy in the battery of the first terminal. The charging and discharging device realizes mutual charging between terminals improving the user experience.



No. of Pages: 24 No. of Claims: 7

(21) Application No.2048/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : POWER CONSERVATION IN WIRELESS CLIENT TERMINALS AND SYSTEM LATENCY REDUCTION USING A PROXY DEVICE

(51) International :H04W68/12,H04W52/02,H04W4/10

classification (31) Priority Document No :12/883467

(32) Priority Date :16/09/2010
(33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2011/051806

Filing Date :15/09/2011

(87) International Publication No :WO 2012/037381

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

(71)Name of Applicant:

1)OUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor:

1)DAS Soumva

2)SOLIMAN Samir S. 3)CHAUBEY Nishith

4)HUNTER Andrew T.

5)MCALLISTER Paul B.

# (57) Abstract:

A scheme is provided for conserving power in client terminals and/or reducing latency in wireless systems by using a proxy device. The client terminal may have a primary communication interface for communications with an access node and a secondary communication interface to communicate with the proxy device. The client terminal may indicate to the access node a short cycle rate for monitoring its signaling/control channel(s). The client terminal may the power off its primary communication interface without informing the access node. Prior to powering off its primary communication interface the client terminal may assign the proxy device to act as its proxy and monitor the signaling/control channel with the access node. The proxy device monitors the signaling/control channel(s) according to the indicated short cycle rate. Upon detection of a message for the client terminal the proxy device forwards the message to the client terminal via a secondary communication interface.

No. of Pages: 54 No. of Claims: 47

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: RADIO BASE STATION AND MOBILE COMMUNICATION METHOD

(51) International classification	:H04W28/18	(71)Name of Applicant:
(31) Priority Document No	:2009-213668	1)NTT DOCOMO, INC.
(32) Priority Date	:15/09/2009	Address of Applicant :11-1, NAGATACHO 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-6150 Japan
(86) International Application No	:PCT/JP2010/065724	(72)Name of Inventor:
Filing Date	:13/09/2010	1)OKUBO, NAOTO
(87) International Publication No	:WO 2011/034021	2)ISHII, HIROYUKI
(87) International Fublication No	A1	3)ABETA, SADAYUKI
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A radio base station eNB according to the present invention includes: a CQI reception unit 11 configured to receive CQI in PDSCH from a mobile station UE; a CQI adjustment unit 13 configured to adjust the received CQI based on a transmission acknowledgement result for a downlink data signal transmitted via the PDSCH; a selectable TF number calculation unit 22 configured to calculate a selectable maximum transport block size based on the number of mobile stations UE in each scheduling unit period; and an MCS selection unit 15 configured to select a modulation scheme and a coding rate, which are to be applied to each resource blocks in the PDSCH, based on the adjusted CQI and a transmission format corresponding to the calculated selectable maximum transport block size.

No. of Pages: 62 No. of Claims: 16

(22) Date of filing of Application :21/09/2011 (43) Publication Date : 21/08/2015

## (54) Title of the invention: TRANSMISSION USING COMMON AND DEDICATED PILOTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04B1/76 :61/160,452 :16/03/2009 :U.S.A. :PCT/CA2010/000376 :16/03/2010 :WO 2010/105345 A1 :NA :NA	(71)Name of Applicant:  1)ROCKSTAR BIDCO LP Address of Applicant: 1285 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK 10019-6064 U.S.A. (72)Name of Inventor: 1)AARON CALLARD 2)DONG-SHENG YU 3)MOHAMMADHADI BALIGH 4)JIANGLEI MA
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A method for routing input/output (10) data in a telecommunication system including a network node having a plurality of first integrated circuit (IC) cards, a plurality of second 1C cards and a switching fabric, each second IC card connected to a corresponding first IC card in a respective slot of the network node xs described. The method involves receiving the 10 data at an external port of any of the plurality of first or second IC cards. When packets of the 10 data are received at an external port of a given second IC card, the given second IC card performs a packet classification of the packets to at least in part determine a destination for the packets. A further step of the method includes delivering the packets to a first or second IC card destination according to the packet classification performed by the given second IC card via a logical network layer existing on the first and second IC cards and the switching fabric. A particular implementation includes use in an Advanced Telecommunication Computing Architecture (ATCA) system

No. of Pages: 76 No. of Claims: 41

(21) Application No.717/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :15/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SYNTHESIS OF NANOTUBES REINFORCED BRAKE LINER MATERIAL

(51) International classification	:B60T	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M S Ramaih Institute of Technology
(32) Priority Date	:NA	Address of Applicant :MSR Nagar, MSRIT Post, Bangalore
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BANGARPET SHANKAR, SRIDHAR
(87) International Publication No	: NA	2)GEORGE, RAJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Synthesis of nanotubes reinforced brake liner material wherein is disclosed a composition capable being used as a liner to brakes of vehicles and aerospace. The said composition has been tested for its wear and other mechanical properties. Typical parameters of the brake liner form the composition of present invention are coefficient of friction of greater than 0.35 for a load of 300 Newton, wear of less than 180 for a load of about 5 Newton

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : TIO2 AND NEEM DOPED CHITOSAN - HYDROXYPROPYL METHYLCELLULOSE NANOCOMPOSITE FILMS FOR FOOD PACKAGING APPLICATIONS

		(71)Name of Applicant :
(51) International classification	:A23B	1)CENTRE FOR NANO SCIENCE ANDTECHNOLOGY
(31) Priority Document No	:NA	Address of Applicant :K.S.RANGASAMY COLLEGE OF
(32) Priority Date	:NA	TECHNOLOGY, TIRUCHENGODE - 637 215 Tamil Nadu India
(33) Name of priority country	:NA	2)VENKATACHALAM RAJENDRAN
(86) International Application No	:NA	3)RANGARAJ SURIYAPRABHA
Filing Date	:NA	4)DEVARAJAN SHANMUGAPRIYA
(87) International Publication No	: NA	5)RATHINAM YUVAKKUMAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VENKATACHALAM RAJENDRAN
(62) Divisional to Application Number	:NA	2)RANGARAJ SURIYAPRABHA
Filing Date	:NA	3)DEVARAJAN SHANMUGAPRIYA
		4)RATHINAM YUVAKKUMAR

## (57) Abstract:

The incorporation of nanomaterials in food packaging provides an additional level of safety and functionality that in turn potentially increases the shelf life of foods. Chitosan nanoparticles are synthesized by cross-linking with sodium tripolyphosphate (TPP) using ionic gelation method and casted into hydroxypropyl methylcellulose (HPMC) films. Nano titania and neem powder of equal ratio are added as an additive to the optimised 1 wt% of chitosan-HPMC films and studied for its physio-chemical, mechanical, solubility, thermal and structural property. XRD, FTIR and UV-Vis spectra show the corresponding phase, characteristic peaks of composites functional groups and transmittance of the films respectively. The characterised films are directly tested for the film textural properties and preservation of grape and plums in terms of their decay index, enzyme production (Polyphenol oxidase and peroxidase activity) respectively for 10 days and for 3 weeks. The shelf life of the grape using TiO2- and neem-doped CS-HPMC films was extended up to ten days with good sensory and textural qualities. The prepared new nanocomposite films and its production methodology help to develop an effective food packaging material for longer shelf life period of edibles.

No. of Pages: 10 No. of Claims: 0

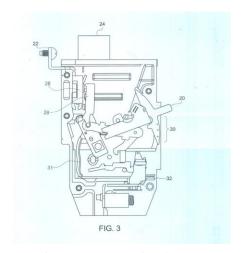
(22) Date of filing of Application :05/03/2012 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ARC CHUTELESS DC CURRENT INTERRUPTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:NA :NA :NA :NA :NA	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor: 1)ASOKAN, THANGAVELU
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	2)NANRUDAIYAN, NALINI

### (57) Abstract:

An arc chuteless circuit interrupter is disclosed. In accordance with certain aspects of the disclosure, a circuit interrupter is provided that interrupts flow of current in a circuit in response to an over-current event. The arc chuteless circuit interrupter does include an arc chute. Rather, it includes a permanent magnet or electrode as a means of extinguishing an electric arc formed by the separation of contacts in the circuit interrupter. The permanent magnet, electrode, or both stretch and lengthen the electric arc, thereby increasing its impedance and extinguishing the electric arc. FIG. 3



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

(21) Application No.1130/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/02/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: GLASS COMPOSITIONS AND FIBERS MADE THEREFROM

(51) International :C03C3/112,C03C3/087,C03C13/00 classification

(31) Priority Document No :61/532840

(32) Priority Date :09/09/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/054113

:07/09/2012

Filing Date

(87) International Publication :WO 2013/036736

(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)PPG INDUSTRIES OHIO INC.

Address of Applicant: 3800 West 143rd Street Cleveland Ohio

44111 U.S.A.

(72) Name of Inventor:

1)LI Hong

2232Embodiments of the present invention relate to glass compositions glass fibers formed from such compositions and related products. In one embodiment a glass composition comprises 58 62 weight percent SiO 14 17 weight percent AlO 14 17.5 weight percent CaO and 6 9 weight percent MgO wherein the amount of NaO is 0.09 weight percent or less.

No. of Pages: 24 No. of Claims: 21

⁽⁵⁷⁾ Abstract:

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: INK COMPOSITION, IMAGE FORMING METHOD, AND PRINTED ARTICLE

(51) International classification	:C09D11/00	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)FUJIFILM CORPORATION
(61) 1110110j 2 0 <b>0</b> 0111011110	075177	Address of Applicant :26-30, NISHIAZABU 2-CHOME,
(32) Priority Date	:28/03/2012	MINATO-KU, TOKYO 106-8620 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHIMOHARA, NORIHIDE
Filing Date	:NA	2)NAKANO, RYOICHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An ink composition of the present invention includes, (a) a polymer compound which includes a repeating unit (a-1) having a partial structure expressed by the following General Formula (1), a repeating unit (a-2) which has a hydrophilic group and accounts for 8% to 25% by mass with respect to the total mass of the polymer compound, and a repeating unit (a-3) having a hydrophobic group, the polymer compound having a solubility parameter in an unneutralized state of 20.7 MPa12 to 23.0 MPa1/2; (b) water; and (c) a water-soluble organic solvent.

No. of Pages: 88 No. of Claims: 22

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: A METHOD AND DEVICE TO SELECT ONE OR MORE POINTS OF INTEREST.

(51) Intermetional alogaification	·C01C21/00	(71) Name of Applicant
(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, KORAMANGALA, 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)HARIKRISHAN DHINGRA
(62) Divisional to Application Number	:NA	2)SIDDHARTH GUPTA
Filing Date	:NA	

### (57) Abstract:

A navigation device (100) to select one or more points of interest (POIs) from a display unit (108) of the navigation device (100) is disclosed. The navigation device (100) comprises a means (104) to display a plurality of POIs with first level of information and a plurality of POIs with second level of information corresponding to each of the POI with first level of information simultaneously on the display unit (108) of the navigation device; and a means (106) to select one or more POIs with second level of information from the display of the navigation device.

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

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SHIELDED ELECTRICAL CABLE IN TWINAXIAL CONFIGURATION

(51) International classification	:H01B7/08,H01B11/00	(71)Name of Applicant:
(31) Priority Document No	:61/378902	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:31/08/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2010/060640	(72)Name of Inventor:
Filing Date	:16/12/2010	1)GUNDEL Douglas B.
(87) International Publication No	:WO 2012/030367	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A shielded electrical cable (2) includes one or more conductor sets (4) extending along a length (L) of the cable (2) and being spaced apart from each other along a width (W) of the cable (2). Each conductor set (4) has one or more conductors (6) having a size no greater than 24 AWG and each conductor set (4) has an insertion loss of less than about 20 dB/meter over a frequency range of 0 to 20GHz. First and second shielding films (8) are disposed on opposite sides of the cable (2) the first and second films (8) including cover portions (7) and pinched portions (9) arranged such that in transverse cross section the cover portions (7) of the first and second films (8) in combination substantially surround each conductor set (4) and the pinched portions (9) of the first and second films (8) in combination form pinched portions of the cable (2) on each side of each conductor set (4).

No. of Pages: 206 No. of Claims: 9

(22) Date of filing of Application :05/08/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: ONE POT SYNTHESIS OF INSECTICIDAL INTERMEDIATES

(54) 5		
(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAGROS CHEMICALS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :JHAVER CENTRE, RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. SHAHABUDDIN
(61) Patent of Addition to Application Number	:NA	2)RAJAIAH SRIKRISHNAN
Filing Date	:NA	3)R. KUPPUSWAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The invention relates to novel processes for preparing insecticidal intermediate 5-amino-3-cyano-l-(2,6-dichloro-4-trifluoromethyl phenyl) pyrazol-4-yl disulfide I Where R is haloalkyl, haloalkoxy or -SF5 and R are H or C1. The compounds of Formula I can be used as intermediate in the preparation of pesticidally active pyrazole disulfide derivatives.

NC S S CN
$$N N N H_2 H_2 N N N$$

$$R^2 R^2 R^2$$

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

(21) Application No.715/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : ALUMINIUM BASED ALLOYS FOR HIGH TEMPERATURE APPLICATIONS AND METHOD OF PRODUCING SUCH ALLOYS

(51) International classification	:C22D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :Bangalore 560 012, Karnataka, India
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SURENDRA KUMAR M
(87) International Publication No	: NA	2)SUKLA MONDOL
(61) Patent of Addition to Application Number	:NA	3)SUBODH KUMAR
Filing Date	:NA	4)SATYAM SUWAS
(62) Divisional to Application Number	:NA	5)K. CHATTOPADHYAY
Filing Date	:NA	

#### (57) Abstract:

The present disclosure relates to aluminum based alloys and a method for producing the aluminium based alloys. The method comprises acts of, casting of the aluminium based alloy in a chilled casting mould. Then, aging the cast aluminium based alloy at first predetermined temperature for a first predetermined time. The aging results in the formation of a first precipitate. Followed by this, solutionizing the aluminium based alloy at second predetermined temperature for a second predetermined time such that the major alloying element is dissolved in aluminium matrix without much affecting the first precipitate. Then, aging the aluminium based alloy at a third predetermined temperature for a third predetermined time. The aging results in the formation of a second precipitate. FIG. 1

No. of Pages: 25 No. of Claims: 13

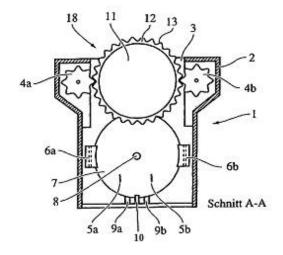
(22) Date of filing of Application :28/02/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: BREWING APPARATUS WITH CAPSULE RECOGNITION

(51) International classification	:A47J31/00	(71)Name of Applicant:
(31) Priority Document No	:10 2010 044 249.6	1)EUGSTER / FRISMAG AG
(32) Priority Date	:02/09/2010	Address of Applicant :Elektrohaushaltgerte Fehlwiesstrasse 14
(33) Name of priority country	:Germany	CH 8580 Amriswil Switzerland
(86) International Application No	:PCT/EP2011/004324	(72)Name of Inventor:
Filing Date	:29/08/2011	1)FISCHER Daniel
(87) International Publication No	:WO 2012/028290	
(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 present invention relates to an apparatus for producing brewed beverages having a brewing unit which has a brewing chamber into which a capsule can be introduced through an introduction shaft.



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

(22) Date of filing of Application :22/07/2011 (43) Pt

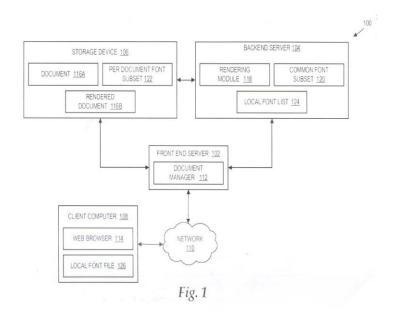
(43) Publication Date: 21/08/2015

# (54) Title of the invention: FONT HANDLING FOR VIEWING DOCUMENTS ON THE WEB

(51) International classification	:G06Q50/00	(71)Name of Applicant:
(31) Priority Document No	:12/389,389	1)MICROSOFT CORPORATION
(32) Priority Date	:20/02/2009	Address of Applicant :ONE MICROSOFT WAY,
(33) Name of priority country	:U.S.A.	REDMOND, WA 98052-6399 U.S.A.
(86) International Application No	:PCT/US2010/021890	(72)Name of Inventor:
Filing Date	:22/01/2010	1)HOWELL, GARETH, ALAN
(87) International Publication No	:WO 2010/096237 A2	2)ZHU, ZHENJUN
(61) Patent of Addition to Application	:NA	3)TANG, JIE
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A request is received for a rendered document corresponding to a document. The document is retrieved from a storage device. The document is transformed into the rendered document. One or more server font files associated with the rendered document are generated. The rendered document and the server font files are stored.



No. of Pages: 27 No. of Claims: 15

(21) Application No.698/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: CATEGORIZING DATA BASED ON CROSS-CATEGORY RELEVANCE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06F :NA :NA :NA	(71)Name of Applicant:  1)AMAZON TECHNOLOGIES, INC. Address of Applicant: P.O. Box 8102, Reno, Nevada 89507 U.S.A.
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:NA :NA : NA :NA :NA	(72)Name of Inventor: 1)CHODAPANEEDI, Sagar 2)PESALA, Poornachandra Rao Purushottama 3)JAIN, Sarthak
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

Techniques for auto-categorization data may be provided. For example, a computing service may be implemented to analyze data sets. A first data set may include data strings pre-categorized in various groups. For a group, the computing service may generate a relevant data string representative of the group by considering how relevant that data string may be to the group and to other groups. A second data set may include an uncategorized data string. The computing service may match the uncategorized data string to the relevant data string and, accordingly, may categorize the uncategorized data string as belonging to the group.

No. of Pages: 49 No. of Claims: 24

(22) Date of filing of Application :08/10/2013

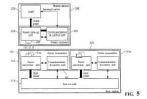
(43) Publication Date: 21/08/2015

# (54) Title of the invention: CALCULATING POWER LOSS FOR INDUCTIVE POWER TRANSMISSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H02J5/00 :11159036.0 :21/03/2011 :EPO :PCT/IB2012/050905 :12/03/2012 :WO 2012/127335	STANDARDS GMBH
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date		STANDARDS GMBH (72)Name of Inventor: 1)VAN WAGENINGEN Andries

### (57) Abstract:

The invention proposes a method of calculating power loss in an inductive power transfer system comprising a power transmitter (112) for transmitting power inductively to a power receiver (110) via transmitter coil (114) and receiver coil(104) the method comprising a step of obtaining by power transmitter time information for time alignment to enable the power transmitter to align the time of calculating the power loss with the power receiver; and a step of calculating power loss during power transfer according to the obtained time information and received power parameter communicated from the power receiver.



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

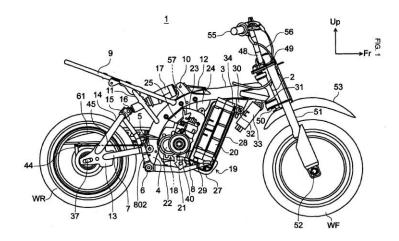
(22) Date of filing of Application :13/02/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: POWER SUPPLY DEVICE FOR ELECTRIC VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:2012- 034057 :20/02/2012 :Japan :NA :NA :NA	(71)Name of Applicant:  1)HONDA MOTOR CO., LTD.  Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor:  1)KAWATANI, SHINJI 2)NAKAYAMA, MASARU 3)SHOKAKU, ISAO
* *		
E .		· '
• /	: NA	3)SHOKAKU, ISAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

To provide a power supply device structure wherein connection terminals of a battery case are held in a floating state inside the battery case, without using screws or soldering. [Solving Means] A battery pack 19 which can be mounted to and detached from a vehicle 1 includes the battery case 20 for accommodating battery cells for supplying electric power to a traveling electric motor 21. Battery case side terminals 73 are accommodated in an insulator block 74. A plurality of ribs 94a and 95a, etc. are protruded from a wall part of the battery case 20, and are disposed along an outer surface of the insulator block 74. The insulator block 74 is provided at its outer circumference with two flanges 741 and 742 and an intermediate part 743 located between them. The outer circumferential surface of the intermediate part 743 is loosely fitted in an opening 103 of the battery case 20, with a gap Gl therebetween. [Selected Drawing] FIG. 1



No. of Pages: 106 No. of Claims: 5

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention : COMPOSITION OF TERBINAFINE HC1 TOPICAL NANO EMULSION GEL FOR TREATING FUNGAL DISEASES

(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S JSS COLLEGE OF PHARMACY
(32) Priority Date	:NA	Address of Applicant :JSS COLLEGE OF PHARMACY,
(33) Name of priority country	:NA	(OFF CAMPUS OF JSS UNIVERSITY, MYSORE),
(86) International Application No	:NA	ROCKLANDS, OOTACAMUND - 643 0001 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KARRI. V.V.S. NARAYANA REDDY
(61) Patent of Addition to Application Number	:NA	2)RAJKUMAR MALAYANDI
Filing Date	:NA	3)R. SURESH KUMAR
(62) Divisional to Application Number	:NA	4)GOWTHAMARAJAN KUPPUSAMY
Filing Date	:NA	

### (57) Abstract:

Terbinafine HC1 is insoluble in aqueous solutions and has poor permeability after the topical administration. Nano emulsions in size range less than 2 nm and less than 20 nm containing Terbinafine HC1 have been successfully prepared using high pressure and high speed homogenization techniques and then incorporated in to Carbopol gels in order to improve its permeability. In vitro comparative release studies of formulated gels and marketed cream were performed using pork dorsal ear skin. The permeability of nano emulsion gels was significantly increased compared with that of the marketed fungicide cream. In vivo anti fungal studies were performed on male albino Wistar rats for 14 days. Our studies confirmed that the use of nano emulsion gels containing globule size less than 2 nm or less than 20 nm can improve the permeability performance and the efficacy of Terbinafine HC1 to treat topical fungal infections.

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

(21) Application No.2897/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/08/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention : INFORMATION PROCESSING APPARATUS, PROGRAM, AND INFORMATION PROCESSING METHOD

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:P2010-	1)SONY CORPORATION
(31) Thomy Document No	194108	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:31/08/2010	TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MITSURU NISHIBE
Filing Date	:NA	
(87) 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:

There is provided an information processing apparatus including a display control unit causing an image for a left eye and an image for a right eye to be displayed respectively to a left eye and a right eye of an observer, the image for a left eye and the image for a right eye showing a stereoscopic image, and interchanging, depending on an amount of change occurring at a time of change of display of the stereoscopic image, images to be displayed respectively to the left eye and the right eye of the observer.

No. of Pages: 44 No. of Claims: 15

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 21/08/2015

## (54) Title of the invention: RESPIRATORY MUSCLE TRAINING DEVICE WITH CONNECTOR WITH FILTER

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A63B23/00 :12160285.8 :20/03/2012	,
(33) Name of priority country	:EPO	MILANO Italy
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)APOLET, JOSEK BEREK
(87) 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 device (10) for training respiratory muscles comprising: - one or more vertical chambers (11a, 11b, 11c) with at least one aperture (12a, 12b, 12c) in their lower sections in order to place the interior of the chamber in communication with the outside environment, and an aperture in their upper wall (13a, 13b, 13c) to place the chamber in communication with a common conduit (14); - a mobile obstacle (15a, 15b, 15c) in each vertical chamber, of similar cross-section and dimensions lower than those of the chamber, so that said obstacle does not completely obstruct the cross-section of the chamber; - an aperture (16) in said common conduit, to which a tubular fitting (17) is connected; - a flexible tube (20) fitted to said tubular fitting, with a mouthpiece (21) at the end opposite to that fitted to the tubular fitting; and - a connector (18; 18a; 18b; 18c; 50) inserted between the tubular fitting and the flexible tube, inside of which a particle filter (19) is housed, and comprising a retaining element for said filter downstream of it, along the direction of the flow of air inside the device when this is in use. (Figure 1)

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :29/07/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: CROSS-LINKABLE, IN WATER REDISPERSIBLE POLYMER POWDER COMPOUND

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:C09D4/06 :10 2009 000 537.4 :02/02/2009 :Germany :PCT/EP2010/050285 :12/01/2010 :WO 2010/086217 A3 :NA :NA	(71)Name of Applicant:  1)WACKER CHEMIE AG Address of Applicant: HANNS-SEIDEL-PLATZ 4, D-81737  MUNCHEN Germany (72)Name of Inventor: 1)FAATZ, MICHAEL 2)HARZSCHEL, REINHARD
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a cross-linkable, in water redispersible polymer powder compound obtainable by means of radically initiated polymerization in an aqueous medium from one or more monomers from the group comprising vinylester from unbranched or branched alkylcarboxylic acids having 1 to 15 C-atoms, methacrylic esters and acrylic acid esters from alcohols having 1 to 15 C-atoms, vinyl aromatic compounds, olefins, dienes and vinyl halides, wherein no epoxide-functional comonomers are copolymerized, and subsequent drying of the polymer dispersion thus obtained, characterized in that before and/or during the polymerization and/or before the drying of the polymer dispersion thus obtained an epoxide resin is added and a hardener crosslinked to the epoxide resin is added after the drying as applicable.

No. of Pages: 40 No. of Claims: 17

(22) Date of filing of Application :09/10/2013

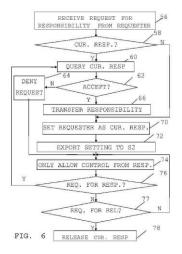
(43) Publication Date: 21/08/2015

# (54) Title of the invention: TRANSFER OF RESPONSIBILITY IN A MULTISYSTEM ENVIRONMENT

(51) International classification	:G06Q10/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABB AB
(32) Priority Date	:NA	Address of Applicant :S 721 83 Vsters Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/060838	1)SVENSSON Kjell Y
Filing Date	:28/06/2011	2)NILSSON Lena
(87) International Publication No	:WO 2013/000506	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A control computer (16) in a first system (10) is involved in controlling an industrial process (28) via a computer object which object acts on a process interface device (20) and is controllable from the first and from a second system (29) by operators (OP1 OP2 OP3) in these systems and the control computer comprises an object handling unit configured to receive a request from a requesting operator concerning responsibility of a group of objects at least comprising the object set in the first system an operator identified by the request to be responsible for the group and when responsible operator is set only allow control of the group from the responsible operator.



No. of Pages: 43 No. of Claims: 15

(22) Date of filing of Application :28/01/2014 (43) Publication Date: 21/08/2015

# (54) Title of the invention: A DOWNHOLE INJECTION TOOL

(51) International :E21B33/124,E21B33/126,E21B33/134 classification

:EPO

(31) Priority Document :11183496.6

(32) Priority Date :30/09/2011

(33) Name of priority

country

(86) International

:PCT/EP2012/069088 Application No

:27/09/2012 Filing Date

(87) International

:WO 2013/045553 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)WELLTEC A/S

Address of Applicant :Gydevang 25 DK 3450 Aller d

Denmark

(72) Name of Inventor:

1)HALLUNDB†K J rgen

2)ST†HR Lars

3)EVERTSEN Steffen

## (57) Abstract:

The present invention relates to downhole injection tool (1) for injecting an injection fluid into an annular space (5a) surrounding the downhole injection tool and enclosed by an inside wall (3a) of a borehole or a well tubular structure (3). The downhole injection tool comprises an injection unit (la) comprising a first expandable cup (II 8a) adapted to provide a first seal (11 9a) against the inside wall a second expandable cup (11 8b) adapted to provide a second seal (11 9b) against the inside wall the two cups in an expanded state together defining an isolated zone (5b) of the annular space at least one pipe element (111) extending in a longitudinal direction (13) between the two cups the pipe element providing a fluid passage (108) between an inlet (104) arranged in one end of the pipe element and an outlet (125) arranged in the pipe element in between the cups the second expandable cup being slidably connected with the pipe element and displaced in the longitudinal direction away from the first expandable cup under the influence of the injection fluid injected into the isolated zone whereby a distance d between the two cups is increased wherein the injection unit further comprises a retainer sleeve (112) being slidably arranged around the expandable cups to prevent unintentional expansion of the expandable cups during insertion of the downhole injection tool the retainer sleeve is slidable in the longitudinal direction and the expandable cups are released by movement of the retainer sleeve in the longitudinal direction. Furthermore the present invention relates to a downhole system comprising the downhole injection tool as well as to a method for casting a cement plug downhole.

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

(22) Date of filing of Application :03/10/2013 (43) Publication Date: 21/08/2015

## (54) Title of the invention: MEDICAL INSTRUMENT FOR EXAMINING THE CERVIX

(51) International classification: A61B1/303, A61B1/00, G06T5/00 (71) Name of Applicant:

:12/03/2012

:11305291.4 (31) Priority Document No (32) Priority Date :16/03/2011

(33) Name of priority country :EPO

(86) International Application :PCT/IB2012/051149

Filing Date

(87) International Publication :WO 2012/123881

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

Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands

(72) Name of Inventor:

1)GUPTA Vipin

2)SHAN Caifeng

3)VAJINEPALLI Pallavi 4)KESWARPU Payal

5)VAN LEEUWEN Marinus Bastiaan

6)FIRTION Celine

7) VENKATESAN Shankar Mosur

8) VINK Jelte Peter

### (57) Abstract:

The invention provides for a medical instrument for examining the cervix comprising an optical examination system a processor for controlling the medical instrument and a memory containing machine executable instructions. Execution of the instructions causes the processor to: acquire a cervical image using the optical examination system; calculate a set of interest point locations using a digital filter; calculate a filtered set of interest point locations using the set of interest point locations and a morphological filter; calculate a reduced set of interest points locations using the filtered set of interest point locations and a neighborhood based filter; calculate a classified set of interest point locations reduced set of interest points and a trained classification module; calculate a set of punctation locations using the classified set of interest point locations and a second neighborhood based filter; and calculate punctation mark regions using the punctation point locations.





No. of Pages: 120 No. of Claims: 46

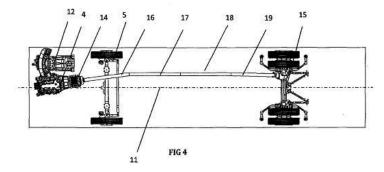
(22) Date of filing of Application :28/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: FRONT ENGINE REAR WHEEL DRIVEN LOW FLOOR / NO STEP BUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:A47L :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant:  1)ASHOK LEYLAND LIMITED  Address of Applicant: NO. 1, SARDAR PATEL ROAD, GUINDY, CHENNAI 600 032 Tamil Nadu India (72)Name of Inventor:  1)A SREEDHAR REDDY 2)MUKUL MITRA 3)M PRADEEP KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

FRONT ENGINE REAR WHEEL DRIVEN LOW FLOOR NO STEP BUS The present invention discloses front engine rear wheel driven city buses of low floor type. The engine is positioned more towards the driver and inclined with the centre line of the vehicle to have sufficient gangway space. This results in pushing the drive line to one side of the vehicle. The front axle is of double drop type which enables a low floor over it and also provides sufficient clearance for propeller shafts passing above it. The rear axle is of portal type having a smaller casing in the centre. The floor is elevated on the side behind the driver in order to accommodate the propeller shafts. The elevated portion houses the seats for passengers. FIG. 4



No. of Pages: 16 No. of Claims: 15

(21) Application No.739/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :29/01/2014 (43) Publication Date: 21/08/2015

## (54) Title of the invention: RUBBER COMPOSITION AND PNEUMATIC TIRE

(51) International classification: C08L15/00,B60C1/00,C08C19/25 (71) Name of Applicant:

:24/08/2012

(31) Priority Document No :2011184090 (32) Priority Date :25/08/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/071382

Filing Date

(87) International Publication :WO 2013/027814

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

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

(57) Abstract:

1)SUMITOMO RUBBER INDUSTRIES LTD.

Address of Applicant: 6 9 Wakinohama cho 3 chome Chuo ku

Kobe shi Hyogo 6510072 Japan

(72) Name of Inventor: 1)OKABE Noboru 2) UESAKA Kenichi

56Provided are: a rubber composition which is capable of improving low fuel consumption and wet grip performance in a balanced manner; and a pneumatic tire which uses the rubber composition in tire constituent members (especially in a tread). The present invention relates to a rubber composition which contains: a rubber component that contains a copolymer which is obtained by copolymerizing 1 3 butadiene styrene and a compound represented by formula (I) said copolymer having an amino group at one end having a functional group containing at least one atom selected from the group consisting of nitrogen oxygen and silicon at the other end and having a weight average molecular weight of from 1.0 — 10 to 2.5 — 10; silica; and a diene rubber gel having a hydroxyl group and a glass transition temperature from 40°C to 10°C. The rubber composition contains 10 30 parts by mass of the diene rubber gel per 100 parts by mass of the rubber component.

No. of Pages: 58 No. of Claims: 17

(22) Date of filing of Application :23/11/2011

(43) Publication Date: 21/08/2015

# (54) Title of the invention : SYSTEMS AND METHODS FOR ACCESSING ELECTRONIC PROGRAM GUIDE INFORMATION OVER A BACKCHANEL COMMUNICATION PATH

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:17/05/2010 :WO 2010/136747 A1 :NA :NA	(71)Name of Applicant:  1)ELDON TECHNOLOGY LIMITED  Address of Applicant: BECKSIDE DESIGN CENTRE, MILLENNIUM BUSINESS PARK, STATION ROAD, STEETON, KEIGHLEY, YORKSHIRE-BD20 6QW U.K. (72)Name of Inventor:  1)MOUNTAIN, DALE
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A systems and methods access electronic program guide (EPG) information via a backchannel link. An exemplary embodiment receives a first portion of EPG information residing in a data channel of a program content stream, establishes a communication link between a media device and a remote EPG content system, and receives a second portion of EPG information from the remote EPG content system via the established communication link.

No. of Pages: 21 No. of Claims: 22

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: SEPARATING COLUMN FOR A CRYOGENIC AIR SEPARATION PLANT, CRYOGENIC AIR SEPARATION PLANT AND METHOD FOR CRYOGENIC SEPARATION OF AIR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:F25J3/00 :102012006480.2 :29/03/2012 :Germany :NA :NA	(71)Name of Applicant:  1)LINDE AKTIENGESELLSCHAFT Address of Applicant: KLOSTERHOFSTR. 1, 80331  MUNCHEN Germany (72)Name of Inventor: 1)ANTON, MOLL
(87) International Publication No	: NA	
<ul><li>(61) Patent of Addition to Application Number Filing Date</li><li>(62) Divisional to Application Number Filing Date</li></ul>	:NA :NA :NA :NA	

#### (57) Abstract:

Separating column for a cryogenic air separation plant, cryogenic air separation plant and method for cryogenic separation of air The invention relates to a separating column for a cryogenic air separation plant with a vessel with an essentially cylindrical shell, a feed line (6; 14) for a mixture of air components, a product line (9, 10; 16) for a fraction enriched with an air component and with mass transfer elements arranged in the vessel. In at least one partial region (E), the mass transfer elements are formed by structured packing, which is formed from pleated metal sheets and has a specific surface of more than 750 m2/m3. The metal sheets consist of copper and have a sheet thickness of 0.1 mm or less. In addition, the invention relates to a device and a method of cryogenic air separation, in which said separating column is used. (Fig. 1)

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

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: INEXPENSIVE ALARM AND CHOCK SYSTEM FOR INJTRAVENJOUS INFUSION PROCESS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:A61M5/00 :NA :NA :NA	(71)Name of Applicant: 1)SAMRAT Address of Applicant:E-311, VIT MENS HOSTEL, VIT UNIVERSITY, VELLORE 632 014 Tamil Nadu India
(86) International Application No	:NA	2)DR. DEVENDRA SINGH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAMRAT
(61) Patent of Addition to Application Number	:NA	2)DR. DEVENDRA SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An inexpensive alarm and chock system for intravenous infusion process is significant for reducing the risk of excess fluid infusion and backflow of blood into the tube during intravenous infusion. The device is composed of three parts. The first part FIG. 1 is disposable and contains sensing metallic cap 3 and 6. The output 8 and 9 of first part is connected to the transistor 12 of second part. The output of transistor 12 is send to the NOT Gate 13. This NOT Gate 13 gives supply to the relay 14. The relay 14 activates the alarm 15 and motor 16 when output 8 and 9 leaves the contact with fluid. Motor 16 help in chocking the tube of infusion system with the help of clip 20. The components used for making this device are very inexpensive, which makes this as cost effective. This device does not require sterilization for the next use.

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

(21) Application No.24/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/01/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: OSCILLATING POSITIVE EXPIRATORY PRESSURE DEVICE

(51) International :A61M16/00,A61M15/00,A61M16/20

classification :A01M10/00,A01M15/00,A01M10/2

(31) Priority Document No :61/493816 (32) Priority Date :06/06/2011

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

(86) International :PCT/IB2012/001089

Application No Filing Date :06/06/2012

(87) International

Publication No :WO 2012/168780

(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)TRUDELL MEDICAL INTERNATIONAL

Address of Applicant: 725 Third Street London Ontario N5V

5G4 Canada

(72)Name of Inventor : 1)MEYER Adam 2)ENGELBRETH Dan

### (57) Abstract:

A respiratory treatment device comprising at least one chamber a chamber inlet configured to receive exhaled air into the at least one chamber at least one chamber outlet configured to permit exhaled air to exit the at least one chamber and an exhalation flow path defined between the chamber inlet and the at least one chamber outlet. A restrictor member positioned in the exhalation flow path is moveable between a closed position where a flow of exhaled air along the exhalation flow path is restricted and an open position where the flow of exhaled air along the exhalation flow path is less restricted. A vane in fluid communication with the exhalation flow path is operatively connected to the restrictor member and is configured to reciprocate between a first position and a second position in response to the flow of exhaled air along the exhalation flow path.



No. of Pages: 126 No. of Claims: 48

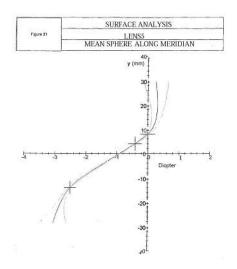
(22) Date of filing of Application :25/10/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: PROGRESSIVE OPHTHALMIC LENS

(51) International classification	:G02C7/02	(71)Name of Applicant :
(31) Priority Document No	:11305381.3	1)ESSILOR INTERNATIONAL (COMPAGNIE
(32) Priority Date	:31/03/2011	GENERALE DOPTIQUE)
(33) Name of priority country	:EPO	Address of Applicant :147 rue de Paris F 94220
(86) International Application No	:PCT/EP2012/055146	CHARENTON LE PONT France
Filing Date	:22/03/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/130736	1)DE ROSSI HI"ne
(61) Patent of Addition to Application	:NA	2)MOINE Jr´me
Number		3)REGO Carlos
Filing Date	:NA	4)GUILLOT Matthieu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention relates to a progressive ophthalmic lens comprising a front surface and a rear surface each surface having in each point an altitude a mean sphere value and a cylinder value the front surface of the lens comprising: a far vision zone having a far vision reference point; a main meridian wherein the front surface is regressive and has: a sphere gradient normalized value of less than 7.50.10 mm at any point in a central portion of the lens including a portion of the main meridian (32) the far vision reference point (FV) and the near vision reference point (NV); a cylinder gradient normalized value of less than 1.45 mm at any point in the central portion of the lens.



No. of Pages: 112 No. of Claims: 16

(22) Date of filing of Application :25/09/2013

(43) Publication Date: 21/08/2015

# (54) Title of the invention: A SYSTEM, METHOD AND DEVICE TO RECORD PERSONAL ENVIRONMENT, ENABLE PREFERRED PERSONAL INDOOR ENVIRONMENT ENVELOPE AND RAISE ALERTS FOR DEVIATION THEREOF

(51) International classification	:G06F19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Anandhakrishnan Vaidyanathan
(32) Priority Date	:NA	Address of Applicant :306, Vishal Nest, Amrutahalli,
(33) Name of priority country	:NA	Bangalore, India Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Anandhakrishnan Vaidyanathan
(87) 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:

[0050] The invention discloses a system, method and device to record personal environment, enable preferred personal indoor environment and raise alerts. The system includes a data acquisition module for collecting data from various sensors regarding different environmental parameters for a user. The processing module receives the data from the data acquisition module and generates an alert or notification. The processing module further receives user inputs from a configuration module regarding preferred settings. The data management module stores the data received from the various modules. A backend server of the data management module accumulates data of all the users regarding preferred settings, ambient weather conditions and contemporary findings on thermal comfort, adaptive comfort settings and also provides data for personal settings. The individual record mapped with the illness along with the micro environment that the user experience would provide most useful data for analytics for epidemiology.

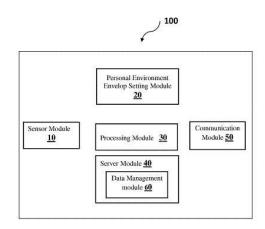


Figure 1

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

(22) Date of filing of Application :13/10/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: RETROREFLECTIVE OPTICAL CONSTRUCTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B32B3/00 :61/169,532 :15/04/2009 :U.S.A. :PCT/US2010/031225 :15/04/2010 :WO 2010/121019 A1 :NA :NA	4)WATKINS, ROBERT F. 5)HAO, ENCAI 6)KOLB, WILLIAM BLAKE 7)ZHU, PEIWANG 8)FREE, MICHAEL BENTON 9)KOLB, BRANT U.
Č	:NA :NA	
I ming Dutc		11)HUMPAL, PAUL E. 12)SMITH, KENNETH L. 13)TAPIO, SCOTT M.

## (57) Abstract:

Retroreflecting optical constructions are disclosed. A disclosed retroreflecting optical construction includes a retroreflecting layer that has a retroreflecting structured major surface, and an optical film that is disposed on the retroreflecting structured major surface of the retroreflecting layer. The optical film has an optical haze that is not less than about 30%. Substantial portions of each two neighboring major surfaces in the retroreflecting optical construction are in physical contact with each other.

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

(21) Application No.3893/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: FAST RELEASE SOLID ORAL COMPOSITIONS OF ENTECAVIR

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HETERO RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :HETERO DRUGS LIMITED,
(33) Name of priority country	:NA	HETERO CORPORATE, 7-2A2,INDUSTRIAL ESTARES,
(86) International Application No	:NA	SANTH NAGAR, HYDERABAD - 500 082 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PARTHASARADHI REDDY, BANDI
Filing Date	:NA	2)KHADGAPATHI,PODILI
(62) Divisional to Application Number	:NA	3)RAMARAO, NELLURI
Filing Date	:NA	

## (57) Abstract:

The present invention is directed to fast release pharmaceutical compositions comprising entecavir or its pharmaceutically acceptable salts, process for preparing the same and use of such compositions for the treatment of Hepatitis B virus infection.

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

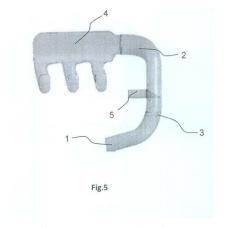
(22) Date of filing of Application :27/12/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: INTAKE AIR AND EGR GAS MIXING SYSTEM FOR AN IC ENGINE

(51) International classification	:F02M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASHOK LEYLAND LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI 600 032 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)S KARTHIKEYAN
(87) International Publication No	: NA	2)KRISHNAN SADAGOPAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An EGR gas and intake air mixing system is proved to improve the mixing rate by optimizing the engine inlet manifold with larger injection area and a half bluff body arrangement is provided at the mixing chamber on the inlet manifold. The half bluff body arrangement is provided at a distance from the engine intake, and a pipe for injecting a portion of exhaust gas into the intake charge air is placed between the engine intake and the half bluff body arrangement, such that the injected exhaust gas mixes with the intake charge air and enters into the engine cylinder for combustion. The half bluff body arrangement provided in the intake manifold creates a low pressure region at the air duct and enables homogenous mixing of the exhaust gas and intake charge air and for uniform distribution of gases into all engine cylinders. The system achieves optimized manifold design and enables better EGR mass fraction to all cylinders at different speed levels of the engine, even during the part load conditions. FIG.5



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

(21) Application No.8433/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/10/2013 (43) Publication Date: 21/08/2015

## (54) Title of the invention: MEMS ANCHOR AND SPACER STRUCTURE

(51) International classification :G02B26/02,B81C1/00,B81B7/00 (71)Name of Applicant : (31) Priority Document No :61/488574

(32) Priority Date :20/05/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/038611 No

:18/05/2012 Filing Date

(87) International Publication :WO 2012/162155

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

:NA Number :NA Filing Date

Filing Date (62) Divisional to Application

(57) Abstract:

1)PIXTRONIX INC. Address of Applicant :c/o Qualcomm Incorporated ATTN: International IP Administration 5775 Morehouse Drive San Diego

California 92121 1714 U.S.A.

(72) Name of Inventor:

1)BROSNIHAN Timothy J. 2) ANDERSSON Mark B. 3)FIKE Eugene E. III

4)STEYN Jasper Lodewyk

5)WU Joyce

A display apparatus includes a first substrate a plurality of microelectromechanical systems (MEMS) light modulators formed from a structural material coupled to the first substrate and a second substrate separated from the first substrate. A plurality of spacers extend from the first substrate to keep the second substrate a minimum distance away from the plurality of light modulators. The spacers include a first polymer layer having a surface in contact with the first substrate a second polymer layer encapsulating the first polymer layer and a layer of the structural material encapsulating the second polymer layer. The spacers can be used as fluid barriers and configured to surround more than one but less than all of the MEMS light modulators in the display apparatus.

No. of Pages: 77 No. of Claims: 54

(21) Application No.1329/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: LAMP FOR VEHICLE

:2012- 081902	(71)Name of Applicant:  1)HONDA MOTOR CO., LTD.  Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor:  1)OGUCHI, TSUYOSHI 2)HIROSE, YOSHIHISA 3)TSUCHIYA, YOSUKE
: NA	
:NA :NA	
:NA :NA	
	:2012- 081902 :30/03/2012 :Japan :NA :NA :NA :NA

#### (57) Abstract:

To make one board adaptable to lamps for a vehicle of various designs. [Means for Resolution] A lamp for a vehicle includes: an LED light source; a board having a mounting portion on which the LED light source is mounted; and a reflector member which is arranged such that the reflector member covers the LED light source, the reflector member reflecting light emitted from the LED light source with the directivity, wherein the mounting portion is formed of a plurality of mounting portions which are arranged at least in one direction out of the vehicle longitudinal direction and the vehicle lateral direction such that the arrangement of the LED light source is selectable from plural kinds of arrangements, and the reflector member is detachably attached to the board such that the reflector member having a shape corresponding to the arrangement of the LED is selectable. [Selected drawing] Fig. 2

No. of Pages: 59 No. of Claims: 6

(21) Application No.4414/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011 (43) Publication Date : 21/08/2015

# (54) Title of the invention: DIRECT THE EXHAUST EMISSIONS FROM THE EXHAUST OF THE AUTOMOBILE

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JUVVA. PHANI KUMAR
(32) Priority Date	:NA	Address of Applicant :S/O VARA PRASADA RAO,
(33) Name of priority country	:NA	VELPUR(POST), ATCHAMPET(MANDAL), GUNTUR DIST.,
(86) International Application No	:NA	PIN - 522 410 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JUVVA. PHANI KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention is to provide a technology, increases the height of the automobile exhaust for direct the exhaust emissions upward from the automobile while using hydrocarbons as fuel. The exhaust height of the automobile is increased to control the flow of water into the exhaust system while driving the automobile in the rainy water on the roads and the emissions are direct from the ground level.

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

(22) Date of filing of Application :04/03/2013 (43) Publication Date : 21/08/2015

# (54) Title of the invention: IMPROVED PROCESS FOR THE PREPARATIN OF ANGIOTENSIN-II RECEPTOR ANTAGONIST

(51) Intermedianal alegaification	·C07D401/00	(71) Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)KARAMALA RAMA SUBBA REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates to an improved process for the preparation of 2-ethoxy-1 - {[2-(5-oxo-4,5-dihydro-1,2,4-oxadiazol-3-yl)biphenyl-4-yl]methyl} -1H-benzimidazole-7-carboxylic acid compound of formula-2, its derivatives and their pharmaceutically acceptable salts thereof.

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

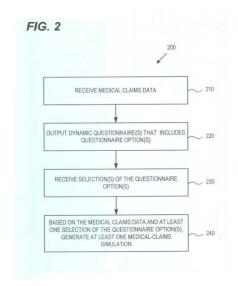
(22) Date of filing of Application :01/08/2011 (43) Publication Date : 21/08/2015

## (54) Title of the invention: CLAIMS PAYOUT SIMULATOR

(54) T	G0.60	
(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUDHIR HULIKUNTE SUNDARARAM
(61) Patent of Addition to Application Number	:NA	2)ESWARAIAH AVVARU
Filing Date	:NA	3)INDRAJEET ANNASAHEB KETKALE
(62) Divisional to Application Number	:NA	4)MATHEW GEORGE
Filing Date	:NA	

### (57) Abstract:

Disclosed herein are representative embodiments of technologies that can be used to generate medical-claims simulations that can provide information about medical claims. In one exemplary embodiment disclosed herein, medical claims data is received, and a dynamic questionnaire is output. Selections of questionnaire options are received, and based on the medical claims data and the selection of the questionnaire options, at least one medical-claims simulation is generated. The dynamic questionnaire can be driven by user interaction and can enable users of the system to select, validate, and filter data, which can then be submitted for payment and mapping analysis. REF FIG: 2



No. of Pages: 69 No. of Claims: 20

(21) Application No.808/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: VERTICAL MILL

(51) International classification	:B02C15/04	(71)Name of Applicant:
(31) Priority Document No	:2011208098	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:22/09/2011	Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application No	:PCT/JP2012/072755	(72)Name of Inventor:
Filing Date	:06/09/2012	1)FUTAHASHI Kensuke
(87) International Publication No	:WO 2013/042547	2)KANAZAWA Hiroyuki
(61) Patent of Addition to Application	:NA	3)ASANO Shin
Number	:NA	4)INOUE Tomoaki
Filing Date	:NA	5)FUKUI Kazushi
(62) Divisional to Application Number	:NA	6)DAIMARU Takuichiro
Filing Date	:NA	

#### (57) Abstract:

In this vertical mill a pulverizing table (15) is supported drive rotatably by a support shaft center that runs vertically inside a housing (11). A pulverizing roller (16) is supported freely rotatably on the upper side of this pulverizing table (15) by a first support shaft (17) and the peripheral surface thereof is in contact with the upper surface of the pulverizing table (15) so that the pulverizing roller can turn with the pulverizing table. A support arm (18) that supports the first support shaft (17) is supported freely oscillatably in the housing (11) by a second support shaft (19) such that the pulverizing roller (16) can be freely brought into the proximity of and moved away from the pulverizing table (15). A reaction force loading device (20) is provided that imparts a reaction force load that gives resistance from the support arm (18) to the pulverizing roller (16) in the direction of the pulverizing roller (16) moving away from the pulverizing table (15) by having a damper (31) filled with a magnetic fluid (35) and magnetizing the magnetic fluid (35).

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

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: VEGF/DLL4 BINDING AGENTS AND USES THEREOF

(51) International classification	:A61K 39/00,C12P21/08	(71)Name of Applicant: 1)ONCOMED PHARMACEUTICALS, INC.
(31) Priority Document No	:61/538, 454	Address of Applicant :800 CHESAPEAKE DRIVE,
(32) Priority Date	:23/09/2011	REDWOOD CITY, CA 94063 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/056886	1)GURNEY, AUSTIN, L.
Filing Date	:24/09/2012	2)SATO, AARON, KEN
(87) International Publication No	:WO 2013/044215	3)BOND, CHRISTOPHER, JOHN
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates to VEGF-binding agents, DLL4-binding agents, VEGF/DLL4 bispecific binding agents, and methods of using the agents for treating diseases such as cancer. The present invention provides antibodies that specifically bind human VEGF, antibodies that specifically bind human DLL4, and bispecific antibodies that specifically bind human VEGF and/or human DLL4. The present invention further provides methods of using the agents to inhibit tumor growth. Also described are methods of treating cancer comprising administering a therapeutically effect amount of an agent or antibody of the present invention to a patient having a tumor or cancer.

No. of Pages: 132 No. of Claims: 30

(22) Date of filing of Application :02/05/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention: NOVEL IMIDAZOLE QUINOLINE-BASED IMMUNE SYSTEM MODULATORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K 31/4745 :61/543,082 :04/10/2011 :U.S.A. :PCT/US2012/058566 :03/10/2012 :WO 2013/052550 :NA :NA :NA	(71)Name of Applicant:  1)JANUS BIOTHERAPEUTICS, INC. Address of Applicant:222 Third Street, Suite 2240, Cambridge, MA 02142 UNITED STATES OF AMERICA.  2)LIPFORD, Grayson, B. 3)ZEPP, Charles, M. (72)Name of Inventor: 1)LIPFORD, Grayson, B. 2)ZEPP, Charles, M.
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### (57) Abstract:

The present invention relates to a compound of Formula (I): or an enantiomer, diastereomer, tautomer, or pharmaceutically acceptable salt or solvate thereof, wherein the symbols are as defined in the specification; a pharmaceutical composition comprising the same; and a method for treating or preventing autoimmunity disease using the same.

No. of Pages: 133 No. of Claims: 25

(21) Application No.191/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : 4-(1,3-DIOXOISOINDOLIN-2-YL)-BENZENESULFONAMIDE DERIVATIVES, THEIR SYNTHESIS, ANTIVIRAL ACTIVITY AND METHODS THEREOF

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	311/00 :NA	1)DR. BARIJ NAYAN SINHA Address of Applicant :DEPARTMENT OF
(32) Priority Date	:NA	PHARMACEUTICAL SCIENCES, BIRLA INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, MESRA, RANCHI-835215 JHARKHAND
(86) International Application No	:NA	(INDIA)
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1) BARIJ NAYAN SINHA
(61) Patent of Addition to Application Number	:NA	2)AJAY KUMAR TIMIRI
Filing Date	:NA	3)VENKATESAN JAYAPRAKASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to novel compounds of 4-(1,3-dioxoisoindo)in-2- yl)benzenesulfonamide derivatives of the general formula I, their pharmaceutically acceptable derivatives, tautomeric forms, stereoisomers, polymorphs, prodrugs, metabolites, salts or solvates thereof. The present invention also provides pharmaceutical compositions comprising compounds of general formula I and their use of such compounds and compositions in medicines and process for preparing the same for antiviral activity.

No. of Pages: 37 No. of Claims: 7

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 21/08/2015

## (54) Title of the invention: COMPOUNDS USEFUL AS INHIBITORS OF ATR KINASE

(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	:30/09/2011 :U.S.A. :PCT/US2012/058121 :28/09/2012 :WO 2013/049722	(71)Name of Applicant:  1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant: 130 Waverly Street, Cambridge, MA 02139 UNITED STATES OF AMERICA (72)Name of Inventor: 1)CHARRIER, Jean-Damien 2)STORCK, Pierre-Henri 3)STUDLEY, John 4)PIERARD, Francoise Yvonne, Theodora Marie 5)DURRANT, Steven, John 6)LITTLER, Benjamin, Joseph 7)ANGELL, Paul 8)HUGHES, Robert, Michael 9)SIESEL, David, Andrew 10)URBINA, Armando 11)ZWICKER, Carl 12)LOCONTE, Nicholas 13)BARDER, Timothy
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### (57) Abstract:

The present invention relates to compounds useful as inhibitors of ATR protein kinase. The invention also relates to pharmaceutically acceptable compositions comprising the compounds of this invention; methods of treating of various diseases, disorders, and conditions using the compounds of this invention; processes for preparing the compounds of this invention; intermediates for the preparation of the compounds of this invention; solid forms of the compounds of this invention; and methods of using the compounds in in vitro applications, such as the study of kinases in biological and pathological phenomena; the study of intracellular signal transduction pathways mediated by such kinases; and the comparative evaluation of new kinase inhibitors. The compounds of this invention have formula I-1: wherein the variables are as defined herein. Additionally, the compounds of this invention have formula II: or a pharmaceutically acceptable salt thereof, wherein the variables are as defined herein.

No. of Pages: 119 No. of Claims: 105

(21) Application No.949/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/05/2014

(43) Publication Date: 21/08/2015

## (54) Title of the invention: COMPOSITION COMPRISING BACILLUS CALMETTE GUERIN WITH COX2 SELECTIVE/PREFERENTIAL INHIBITOR AND USES THEREOF

(51) International :A61K31/00,A61K31/197,A61K31/341 classification

(31) Priority Document

:RM2011A000529

:05/10/2011 (32) Priority Date

(33) Name of priority :Italy

country (86) International

:PCT/IB2012/055303 Application No :03/10/2012

Filing Date

(87) International

:WO 2013/050947 **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)UNIVERSITA' DEGLI STUDI DI CAMERINO

Address of Applicant: Piazza Cavour 19/F, I-62032 Camerino

(MC) ITALY

(72) Name of Inventor: 1)ROSSI, Giacomo

2)SCARPONA, Silvia

### (57) Abstract:

The combination of Bacillus Calmette Guerin (BCG) with anti-COX-2 selective molecules and/or COX-2 preferential FANS for the treatment of pathologies related to the loss of macrophages functions and deficiencies of cell-mediated immunity.

No. of Pages: 80 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :13/02/2014

(21) Application No.181/KOL/2014 A

(43) Publication Date: 21/08/2015

#### (54) Title of the invention: CRANE VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	23/00 :NA :NA	(71)Name of Applicant:  1)TADANO LTD.  Address of Applicant: KO-34, SHINDEN-CHO, TAKAMATSU, KAGAWA 761-0185 JAPAN (72)Name of Inventor:  1)GODA HIROYUKI
Filing Date	:NA	,
(87) 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:

There is provided a crane vehicle configured to reduce the load on the axles on the second frame and to improve the safety while the crane vehicle is moving. A crane vehicle 1 includes a crane apparatus 20; a first frame 11 on which the crane apparatus 20 is provided; a second frame 12 connected to the first frame 11 to be able to turn in a horizontal direction; a power source E provided on the second frame 12; a plurality of axles 12e and 12g provided on the second frame 12 in a moving direction of the crane vehicle 1; and wheels 12f and 12h mounted on both ends of each of the plurality of axles 12e and 12g.

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

(21) Application No.193/KOL/2014 A

(19) INDIA

(22) Date of filing of Application: 17/02/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PRODUCTION OF REFRACTORY FROM FERROCHROME SLAG GENERATED AS BYPRODUCT DURING PRODUCTION OF FERROCHROME METAL IN SUBMERGED ELECTRIC ARC FURNACES

(51) International classification :C0 ²	B (71)Name of Applicant :
(51) International classification 35/0	0 1)TATA STEEL LIMITED
(31) Priority Document No :NA	Address of Applicant :JAMSHEDPUR-831001, INDIA.
(32) Priority Date :NA	Jharkhand India
(33) Name of priority country :NA	2)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(86) International Application No :NA	RESEARCH
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : NA	1)T. VENUGOPALAN
(61) Patent of Addition to Application Number :NA	2)C. RAGHU KUMAR
Filing Date :NA	3)PANKAJ KUMAR SATIJA
(62) Divisional to Application Number :NA	4)S.K. NATH
Filing Date :NA	5)S. KUMAR

#### (57) Abstract:

The present invention relates to an improved process for the production of refractory bricks using ferrochrome slag, comprising the steps of sieving raw ferrochrome slag through BS sieve no. 5, 18 and 150 to separate the fractions of -5 +18, -18+150 and -150 respectively to identify as coarse, medium and fine; mixing homogenously said three fractions in a proportion in the range of 4:3:3 to 3:3:4, and further mixing with 1-3% dextrin, 2-3% molasses and 7-8% water in a mechanical mixer for homogenous mixing for batch preparation; pressing the mixture at a pressure ranging between 1500 to 2200 kg/cm2 in brick shape by known means, drying at temperature ranging between 100 to 140°C to remove the moisture; and firing the dried bricks at a temperature ranging between 1220 to 1350°C.

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

(22) Date of filing of Application :20/02/2014

(43) Publication Date: 21/08/2015

# (54) Title of the invention: 'A DEVICE FOR MARKING WELDING LOCATION ON FOUR SIDES WITH EQUAL-SPACING ON THE CIRCUMFERENCE OF A CYLINDRICAL PIPE USED IN MAIN STEAM LINE OF HIGH PRESSURE BOILERS'

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F16B 37/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant: REGION CAL OPERATIONS DIVISION(ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI FORT, NEW DELHI - 110049, INDIA. West Bengal (72)Name of Inventor:  1)RENGARAJULU SUBBARAYALU 2)SUBBAIYA NAGENDRAN 3)GANESAN NATARAJAN 4)MANOHARAN MARIAPPAN 5)SHANKAR SAHU SANJEEB KUMAR SAHU
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#### (57) Abstract:

The invention relates to a device for marking welding locations on four sides equal-spacing on the circumference of a cylindrical pipe used in main steam line of high pressure boilers, comprising a circular ring having an inner diameter on which four holes drilled diametrically opposite to each other maintaining an angle of 90 deg between the hole centers each of the holes accommodating at least one hexagonal head nut permanently; four pipe clamping stud assembly inserted on all the four holes simultaneously to clamp the pipe being concentric to the circular ring; a sliding plate vertically moving along a rectangular slot on a fixed slotted plate welded on the circular ring; a locking plate assembly welded on four sides equally-spaced in front of the circular ring for positioning along the up and down motion; wherein the sliding plate assembly having plates on either end and the carrier plate is placed in between a plurality of guide plates and tightened equally on both sides by the carrier plate locking nut, wherein the pipe is preheated to ensure heating of the circular pipe to a length equal to the carrier plate, and wherein the tack welding is carried out when the said pipe and carrier plate attain the required temperature .

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

(22) Date of filing of Application :20/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: 'A METHOD OF MODIFYING SINTERING PATTERN OF ASH GENERATED TO REDUCE AGGLOMERATION, SINTERING AND CHOKING FORMATION DURING COMBUSTION OF SOLID FUELS IN FUEL FIRING SYSTEMS'

		(71)Name of Applicant :
(51) International classification	:C10L	
	10/00	I I
(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. West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AROCKIAN LAWRENCE
(61) Patent of Addition to Application Number	:NA	2)VELLIYAN ILAYAPERUMAL
Filing Date	:NA	3)PALANISAMY DHANDAPANI
(62) Divisional to Application Number	:NA	4)PALANISAMY SELVAKUMARAN
Filing Date	:NA	5)RAMAKRISHNA EASWARAN
		6)SRINIVASAN SUNDARARAJAN

#### (57) Abstract:

The invention relates to a method of modifying sintering pattern of ash generated, to reduce agglomeration, sintering and choking formation during combustion of solid fuels in fuel firing systems, the method comprising the steps of adding at an effective amount an additive to the solid fuels wherein the chemical composition of the additive by weight percentage of CaO, MgO, BaO, SrO, SiO, Al2O3, Fe2O3, TiO2,, IMa2O, K2O, ignition loss respectively is 35-56, 0-4, 0-1, 0-2, 0-10, 0-5, 0-10, 0-2, 0-1, 0-1 and 30-44; modifying the sintering pattern of the ash of the fuel including the additive mixture; shifting the start of sintering temperature of the ashes with additive to a lower temperature; increasing the rate of shrinkage of the ashes with the additive mixture; and selecting an operating temperature range based on modified sintering pattern, wherein the additive is one of calcium based or any materials having said chemical composition and wherein the effective amount of the additive varies between 0.1% to 10%.

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :16/05/2008 (43) Publication Date : 21/08/2015

#### (54) Title of the invention: POWER TRANSMISSION SYSTEM ADAPTED FOR POWER SAVING

(51) International classification	:G01R21/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(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 West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MONDAL, MANOJ KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a power transmission system to increase the efficiency of power transmission while transferring power from a power generating source to a power receiving source. Preferably, the power transmission system of the invention would favour transferring power from a power generating source such as a source sprocket/pulley/gear/sheave (SPGS) or the like, to a recipient SPGS. Importantly, the system saves power which otherwise usually get lost due to the limitations of dimension of the diameter of the recipient SPGSvis-a-vis diameter of the source SPGS required in similar existing power transmission system. The crank and axel arrangement provided on the circular multi layered recipient SPGS favor operative magnification of the out put torque to almost double by increasing the distance of applied force on outer layer of recipient SPGSand the center of the axel fixed on inner layer. Advantageously, the present power transmission system improve the performance of such efficient power transmission system for variety of end use and applications.

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

(22) Date of filing of Application :24/04/2014 (43) Publication Date: 21/08/2015

(54) Title of the invention: EPOXY RESIN COMPOSITION

(51) International classification :C08G59/06 (71)Name of Applicant: (31) Priority Document No :2007-158283 (32) Priority Date :15/06/2007 (33) Name of priority country :Japan (86) International Application No :PCT/JP2008/054924 0032, JAPAN (72) Name of Inventor: Filing Date :18/03/2008 (87) International Publication No

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

Number :NA Filing Date

(62) Divisional to Application Number :4262/KOLNP/2009

Filed on :08/12/2009 1) DEXERIALS CORPORATION

(21) Application No.897/KOLNP/2014 A

Address of Applicant : GATE CITY OSAKI, EAST TOWER 8th FLOOR, 1-11-2 OSAKI, SHINAGAWA-KU, TOKYO 141-

1)YOSHIHISA SHINYA 2)JUN YAMAMOTO 3)RYOTA AIZAKI 4)NAOKI HAYASHI 5)MISAO KONISHI

#### (57) Abstract:

(19) INDIA

An epoxy resin composition comprising an epoxy resin and a thermal cationic polymerization initiator, wherein the thermal cationic polymerization initiator is a sulfonium borate complex represented by the formula (1): wherein in the formula (1), R1 is an omethylbenzyl group or a (1-naphthy)pmethyl group, R2 is a methyl group, an ethyl group, a propyl group, or a butyl group, X is a halogen atom, and n is an integer of 1 to 3.

No. of Pages: 31 No. of Claims: 9

(21) Application No.211/KOL/2014 A

(19) INDIA

(22) Date of filing of Application: 19/02/2014 (43) Publication Date: 21/08/2015

## (54) Title of the invention : A SYNTHETIC HYPERBRANCHED EPOXY SURGICAL SEALANT AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07C 405/00 :NA	
(31) Priority Document No (32) Priority Date	:NA :NA	Address of Applicant :TEZPUR-784028,ASSAM India (72)Name of Inventor :
(33) Name of priority country	:NA	1)NIRANJAN KARAK
(86) International Application No	:NA	2)SHASWAT BARUA
Filing Date	:NA	3)PRONOBESH CHATTOPADHYAY(COLLABORATOR)
(87) 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:

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : A METHOD FOR RETROFITTING OXY-FUEL TECHNOLOGY IN EXISTING AIR-CARBONACEOUS FUEL FIRED SYSTEMS.

(51) International classification	:F23C	(71)Name of Applicant:
(31) International classification	9/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION (ROD) PLOT NO.9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
Filing Date	:NA	FORT, NEW DELHI-110049
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. SIVAJI SEEPANA
Filing Date	:NA	2)EDURU THULASI
(62) Divisional to Application Number	:NA	3)SIVATHANUPILLAI ARUMUGAM
Filing Date	:NA	4)KUNHIRAMAN SIVARAMAKRISHNAN

#### (57) Abstract:

The invention relates to a method of converting existing carbonaceous fuel and air fired boiler to oxy-fuel fired boiler, the method comprising generating a stream of pure oxygen; allowing passing of a carbonaceous fuel stream; segregating a stream of dust free flue gas at the end of a dust removal unit; preheating the pure oxygen stream in a preheater unit; recycling the flue gas in a duct system; circulating the flue gas through a recirculation fan; a multistage cooling of the flue gas in a multistage heat exchanger; and multistage compression of carbon dioxide rich flue gas in a compressor unit.

No. of Pages: 20 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 21/08/2015

(54) Title of the invention: MAGNATIC ENGINE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A01D 34/00 :NA :NA	(71)Name of Applicant:  1)PRAKASH MAHANTA  Address of Applicant:VILLAGE - KUSUMTOLA, P.O KARCHANTOLA, DISTSONITPUR, PIN - 784189, ASSAM,
(33) Name of priority country (86) International Application No	:NA :NA :NA	INDIA. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)PRAKASH MAHANTA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.199/KOL/2014 A

#### (57) Abstract:

In present scenario we have more challenges with global warming due to pollution from engines being used in industries, automobiles etc. Also the scarcity of fossil fuels has made engineers to focus on alternate. This invention follows the same path in replacing conventional fossil fuel engines. The invention relates to Magnetic Engine which works on magnetic forces developed by set of permanent magnets and electromagnet to power the load. The load may be a locomotive vehicle, pump, generator, lawn mower, golf cart etc. The power generation from magnetic engine gives zero gaseous emission along with efficient production thereby driving global greenery.

No. of Pages: 23 No. of Claims: 5

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 21/08/2015

#### (54) Title of the invention: CONTROLLED RELEASE MUCOADHESIVE MICROCAPSULES OF VENLAFAXINE

		(71)Name of Applicant:
(51) International classification	:A61K 31/00	1)DR. SURYAKANTA SWAIN Address of Applicant :DEPT. OF PHARMACEUTICS,
(31) Priority Document No	:NA	ROLAND INSTITUTE OF PHARMACEUTICAL SCIENCES,
(32) Priority Date	:NA	KHODASINGI, BERHAMPUR-760010, GANJAM ODISHA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	2)DR. CHINAM NIRANJAN PATRA
Filing Date	:NA	3)DR. MUDDANA ESWARA BHANOJI RAO
(87) International Publication No	: NA	4)SRIKANTA PATRA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. SURYAKANTA SWAIN
(62) Divisional to Application Number	:NA	2)DR. CHINAM NIRANJAN PATRA
Filing Date	:NA	3)DR. MUDDANA ESWARA BHANOJI RAO
-		4)SRIKANTA PATRA

#### (57) Abstract:

The invention relates to a microcapsule of venlafaxine, a pharmaceutically acceptable salt of venlafaxine, an active metabolite of venlafaxine, a pharmaceutically acceptable salt of an active metabolite of venlafaxine, or combinations thereof, a pharmaceutical composition comprising the microcapsules and its method of preparation. The microcapsule comprises venlafaxine, a pharmaceutically acceptable salt of venlafaxine, an active metabolite of venlafaxine, a pharmaceutically acceptable salt of an active metabolite of venlafaxine, or combinations thereof, an alginate salt, a divalent cation vector and a mucoadhesive agent. The composition is intended for control release of the active ingredients over a period of time.

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

(21) Application No.850/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/04/2014 (43) Publication Date: 21/08/2015

#### (54) Title of the invention: SYNCHRONISING DEVICE BETWEEN TWO REVOLVING COMPONENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:F16D 23/02 :A 50003/2011 :09/12/2011 :Australia :PCT/AT2012/050189 :05/12/2012 :WO 2013/082641 :NA :NA	(71)Name of Applicant:  1)MIBA SINTER AUSTRIA GMBH Address of Applicant:DR. MITTERBAUER STR. 3, A-4663 LAAKRICHEN, AUSTRIA. (72)Name of Inventor: 1)STEFAN STIX 2)ALEXANDER MULLER
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a synchronising device between two revolving components, comprising a clutch (3) between a hub (4) arranged on a shaft (1) in a rotationally fixed manner and a coupling member (2) that is rotatably mounted in relation to the hub (4), the clutch (3) having a selector sleeve (5) with an internal claw gear (6) which extends along the axial length of the selector sleeve (5) and by means of which claw gear the selector sleeve (5) is mounted in an axially displaceable manner on a claw rim (9) of the hub (4) and can be slid up onto a claw rim (9) of the coupling member (2) for coupling purposes. In order to provide advantageous constructional conditions it is proposed that the hub (4) forms at least one stop (19) for the selector sleeve (5) on the front side facing away from the coupling member (2), the stop (19) protruding radially over the claw rim (7) and the selector sleeve (5) receiving the stop (19) in a frontal stop recess (20).

No. of Pages: 11 No. of Claims: 2

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 21/08/2015

#### (54) Title of the invention: PROCESSES FOR MAKING COMPOUNDS USEFUL AS INHIBITORS OF ATR KINASE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D413/04 :61/541,865 :30/09/2011 :U.S.A. :PCT/US2012/058127 :28/09/2012 :WO 2013/049726 :NA :NA :NA	(71)Name of Applicant:  1)VERTEX PHARMACEUTICALS INCORPORATED Address of Applicant: 130 WAVERLY STREET, CAMBRIDGE, MA 02139 UNITED STATES OF AMERICA (72)Name of Inventor: 1)CHARRIER, JEAN-DAMIEN 2)STUDLEY, JOHN 3)PIERARD, FRANCOISE YVONNE THEODORA MARIE 4)DURRANT, STEVEN JOHN 5)LITTLER, BENJAMIN JOSEPH 6)HUGHES, ROBERT MICHAEL 7)SIESEL, DAVID ANDREW 8)ANGELL, PAUL 9)URBINA, ARMANDO 10)SHI, YI
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#### (57) Abstract:

The present invention relates to processes and intermediates for preparing compounds useful as inhibitors of ATR kinase, such as aminopyrazine-isoxazole derivatives and related molecules. The present invention also relates to compounds useful as inhibitors of ATR protein kinase. The invention relates to pharmaceutically acceptable compositions comprising the compounds of this invention; methods of treating of various diseases, disorders, and conditions using the compounds of this invention; processes for preparing the compounds of this invention; intermediates for the preparation of the compounds of this invention; and solid forms of the compounds of this invention. The compounds of this invention have formula (I) or (II) wherein the variables are as defined herein.

No. of Pages: 143 No. of Claims: 125

(22) Date of filing of Application :06/11/2001 (43) Publication Date : 21/08/2015

#### (54) Title of the invention: MOISTURE CONTENT TESTER FOR NON-DESTRUCTIVE MULTIPURPOSE

:G01R	(71)Name of Applicant:
027/00	1)WU JUEN-KONG
:NA	Address of Applicant :NO. 43, CHUNG SAN RD.,
:NA	SANSHING HSIANG, ILAN HSIEN Taiwan
:NA	(72)Name of Inventor:
:NA	1)WU JUEN-KONG
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	027/00 :NA :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract:

A moisture content tester for non-destructive multipurpose that may be arranged in a drying apparatus or a testing box for proceeding a test of moisture content for an object to be tested and further have setting function for instructable water-containing rate is comprised of shell body, circuit plate, temperature compensation temperature-sensing bar, emitting pole-plate, receiving pole-plate, and controlling unit. A high frequency wave is emitted from the emitting pole-plate and received by the receiving pole-plate. Again, the received high frequency (sawtooth waveform) signal is transferred to the controlling unit through the circuit plate. The controlling unit then calculates the value of moisture content according to the received high frequency signal and the temperature value measured by the temperature compensation temperature-sensing bar. Further, the drying motion or displayed water-containing rate of the drying apparatus is controlled according to the value of moisture content.

No. of Pages: 29 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application:13/02/2014

(21) Application No.180/KOL/2014 A

(43) Publication Date: 21/08/2015

#### (54) Title of the invention: CRANE VEHICLE

(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  Filing Date  See Example 2.1	TAKAMATSU, KAGAWA 761-0185 JAPAN Japan (72)Name of Inventor: 1)GODA HIROYUKI
(62) Divisional to Application Number :N Filing Date :N	

#### (57) Abstract:

There is provided a crane vehicle configured to reduce the entire length of the vehicle body. A crane vehicle 1 includes a crane apparatus 20; a first frame 11 on which the crane apparatus 20 is provided; a second frame 12 connected to the first frame 11 to be able to turn in a horizontal direction; a power source E provided on the second frame 12; axles 11e, 12e and 12g provided on the first frame and the second frame, respectively; wheels 11d, 12f and 12h mounted on both ends of each of the axles 11c, 12e and 12g; and a counter weight 14 provided on the second frame 12. The counter weight 14 is placed above at least the third axle 12g.

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

(21) Application No.203/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 21/08/2015

# (54) Title of the invention : DEVELOPMENT OF FIRE RESISTANT STEEL AND ITS METHOD OF PRODUCTION FOR THE STRUCTURAL APPLICATIONS

(51) International classification	:C22C 38/00	(71)Name of Applicant: 1)TATA STEEL LIMITED
(31) Priority Document No	:NA	Address of Applicant :JAMSHEDPUR-831001, INDIA.
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(86) International Application No	:NA	1)PRASHANT PATHAK
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Filing Date	:NA	5)ARNAB KARANI
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#### (57) Abstract:

The present invention is related to a fire resistance steel composition and process for preparing the same. The fire resistance steel of the current invention has a fire resistance yield ratio of 0.5 or more at a temperature of 600°C for a minimum duration of 60 minutes. In accordance the target room temperature properties for the present invention were aimed as YS 355-450 MPa minimum, UTS 490-540 MPa and elongation values greater than 20%. The steel is designed such that it is readily hot/cold formed and welded to form structural tubes of various cross sectional shape profiles that are being employed in the construction of multi storey buildings for offices, shopping malls, auditoriums, stadiums etc.

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

# PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (MUMBAI)

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, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM-14 UNDER RULE 85 OF THE PATENTS (AMENDMENT) RULES, 2006.

Sl. No.	PATENT NO.	APPLICANT	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1.	220855	Garware Polyester Ltd.	High heat shrinkable polyester film	06/03/2014	Mumbai

#### **AMENDMENT UNDER SEC. 57 (KOLKATA)**

An application for amendment of title of the invention (for the purpose of correction of spelling error) in respect of Patent No. 258072 (2094/KOLNP/2006) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

Ser ial Nu mb er	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	268043	1078/DELNP/2010	13/08/2008	07/09/2007	PROCESS AND DEVICE FOR TREATING CHARGED HOT GAS	CHOREN INDUSTRIES GMBH	23/07/2010	DELHI
2	268045	9572/DELNP/2008	08/06/2006	08/06/2006	COATED TURBINE COMPONENT AND METHOD OF COATING A TURBINE COMPONENT	SIEMENS AKTIENGESELLSCHAFT	20/03/2009	DELHI
3	268055	325/DEL/2003	21/03/2003	07/06/2002	AN INTAKE SYSTEM FOR AN ENGINE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	31/07/2009	DELHI
4	268056	731/DEL/2007	30/03/2007 14:44:43		A PROCESS FOR PREPARATION OF ALMINIUM-ZINC MAGNESIUM-COPPER- ZIRCONIUM ALLOY IN THE FORM OF THIN STREET HAVING SIGNIFICANTLY HIGH STRENGTH	DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	21/11/2008	DELHI
5	268058	3426/DELNP/2006	15/12/2004	17/12/2003	SPATIAL SPREADING IN A MULTI-ANTENNA COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	20/04/2007	DELHI
6	268059	202/DELNP/2007	29/07/2005	30/07/2004	METHOD FOR PRODUCING HYDROCOLLOID FOAMS	ENWAVE CORPROTION	03/08/2007	DELHI
7	268061	3997/DELNP/2006	03/02/2005	05/02/2004	BLOCK COPOLYETHERESTER ELASTOMER AND PREPARATION THEREOF	DSM IP ASSETS B.V.	24/08/2007	DELHI
8	268064	2618/DEL/2004	31/12/2004		AN ANTIBIOTIC-FREE MARKER SYSTEM FOR TRANSGENIC PLANTS	INTERNATIONAL CENTRE FOR GENETIC ENGINEERING BIOTECHNOLOGY	03/11/2006	DELHI
9	268069	558/DEL/2008	05/03/2008 16:54:10	12/06/2007	LENS INJECTOR LUMEN TIP FOR WOUND ASSISTED DELIVERY	ALCON, INC.	16/01/2009	DELHI
10	268071	4824/DELNP/2010	02/01/2009	04/01/2008	INOSINE PRODUCING MICROORGANISM BELONGING TO THE GENUS CORYNEBACTERIUM AND PROCESS OF PRODUCING INOSINE USING THE SAME	CJ CHEILJEDANG CORP.	13/09/2013	DELHI

11	268076	1027/DEL/2006	21/04/2006	27/05/2005	CARBON DIOXIDE BLOWN LOW DENSITY, FLEXIBLE MICROCELLULAR POLYURETHANE ELASTOMERS	BAYER MATERIALSCIENCE LLC.	03/08/2007	DELHI
12	268077	1299/DELNP/2008	26/07/2006	26/07/2005	A METHOD OF MAKING A THERMAL OR ACOUSTICAL FIBERGLASS INSULATION PRODUCT	KNAUF INSULATION GMBH	20/06/2008	DELHI
13	268078	804/DEL/2007	12/04/2007 14:36:24		NOVEL LOW TEMPERATURE SYNTHESIS OF ND- DOPED BISMUTH TITANATE NANOPARTICLES	INDIAN INSTITUTE OF TECHNOLOGY KANPUR	23/01/2009	DELHI
14	268079	8496/DELNP/2008	16/02/2007	24/03/2006	AN EXTRUSION COATING COMPOSITION •	SAUDI BASIC INDUSTRIES CORPORATION	12/06/2009	DELHI
15	268080	5575/DELNP/2007	25/01/2006	25/01/2005	A BINDER COMPOSITION	SIGMA COATINGS B.V.	31/08/2007	DELHI
16	268081	869/DELNP/2009	26/07/2007	25/08/2006	INKJET INK COMPOSITION	HEWLETT-PACKARD DEVELOPMENT COMPANY, L. P.	20/08/2010	DELHI
17	268082	7475/DELNP/2009	30/04/2008	21/05/2007	IMPERMEABLE CAPSULES	COLGATE-PALMOLIVE COMPANY	02/07/2010	DELHI
18	268083	1599/DEL/2009	03/08/2009 11:33:12	05/08/2008	NEW PROCESS FOR OBTAINING THE CRYSTALLINE FORM V OF AGOMELATINE	LES LABORATOIRES SERVIER,	19/03/2010	DELHI
19	268084	5591/DELNP/2009	04/03/2008	05/03/2007	A PROCESS FOR LIMITING HYDROGEN PEROXIDE CONCENTRATION IN A COMPOSITION	THE PROCTER & GAMBLE COMPANY	07/05/2010	DELHI
20	268088	6020/DELNP/2007	08/02/2006	10/02/2005	APPARATUS AND METHOD FOR RADIATION PROCESSING OF FLUENT FOOD PRODUCTS	NESTEC S.A.	17/08/2007	DELHI
21	268091	8787/DELNP/2007	24/05/2006	26/05/2005	A RECOMBINANT MICROORGANISM WHICH IS A MICROORGANISM HAVING ABILITY TO PRODUCE 16-POSITION HYDROXYL MACROLIDE COMPOUNDS REPRESENTED BY FORMULA I	EISAI R & D MANAGEMENT CO., LTD.,MICROBIOPHARM JAPAN CO. LTD.	27/06/2008	DELHI

22	268097	2249/DELNP/2009	02/10/2007	05/10/2006	PRODUCTION OF BETA-LACTAM ANTIBIOTICS	DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V.	28/05/2010	DELHI
23	268099	4725/DELNP/2008	18/05/2006	04/11/2005	POWERED CONTROLLED ACCELERATION SUSPENSION WORK PLATFORM HOIST SYSTEM	SKY CLIMBER LLC	15/08/2008	DELHI
24	268104	2557/DEL/2010	26/10/2010 15:06:24		SPHERICAL BEADS OF PHENOLIC RESIN AND PROCESS FOR PRODUCING THE SAME	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	04/05/2012	DELHI
25	268106	8179/DELNP/2010	10/06/2009	11/06/2008	HIGH ACTIVITY ZIEGLER-NATTA CATALYSTS, PROCESS FOR PRODUCING CATALYSTS AND USE THEREOF	LUMMUS NOVOLEN TECHNOLOGY GMBH	02/03/2012	DELHI
26	268107	7/DEL/2009	02/01/2009 15:40:54		A DECONTAMINATING FORMULATION	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	09/07/2010	DELHI
27	268108	6136/DELNP/2007	12/01/2006	12/01/2005	A METHOD FOR SHRINKAGE AND POROSITY CONTROL DURING SINTERING OF MULTILAYER STRUCTURES	TECHNICAL UNIVERSITY OF DENMARK	17/08/2007	DELHI
28	268111	2765/DELNP/2008	02/10/2006	05/10/2005	NUTRITIONAL FORMULATION FOR PROMOTING CATCH- UP GROWTH	NESTEC S.A	25/07/2008	DELHI
29	268112	10134/DELNP/2008	04/05/2007	05/05/2006	PHAGE DERIVED ANTIMICROBIAL ACTIVITIES	GANGAGEN, INC.	20/03/2009	DELHI
30	268115	2033/DEL/2005	10/08/1998	12/08/1997	A DENTIFRICE COMPOSITION	COLGATE-PALMOLIVE COMPANY	27/04/2007	DELHI
31	268116	1891/DELNP/2008	08/09/2006	14/09/2005	OXYGEN CONTAINING TRI-OR TETRA CYCLIC TERPENOID COMPOUNDS	GIVAUDAN SA,	27/06/2008	DELHI
32	268122	4680/DELNP/2006	11/02/2005	13/02/2004	SELF-COMPACTING CONCRETE	EIFFAGE TP	15/06/2007	DELHI
33	268127	1840/DELNP/2004	30/12/2002	28/12/2001	DEFECTIVE ENTITIES AND USES THEREFOR	MUKKUR, TRILOCHAN KANWALJIT SINGH	01/04/2005	DELHI
34	268132	IN/PCT/2001/01186/ DEL	25/04/2001	26/04/2000	PREPARATION OF ASTAXANTHIN	PRODEMEX, S. A. DE C. V.	22/06/2012	DELHI
35	268133	4153/DELNP/2005	13/03/2004	17/03/2003	METHOD OF EXCHANGING USER MESSAGES AMONG INTERACTIVE DISC PLAYERS	LG ELECTRONICS INC.	19/11/2010	DELHI

36	268137	2502/DELNP/2004	17/03/2003	15/03/2002	INTERNAL COMBUSTION	ADVANCED PROPULSION	30/11/2007	DELHI
					ENGINE.	TECHNOLOGIES, INC.,		
37	268138	7993/DELNP/2006	29/04/2005	11/06/2004	IMPROVED SEATING ELEMENTS AND SEAT BASE CONSTRUCTIONS	NUBAX LIMITED	20/04/2007	DELHI
38	268139	2525/DELNP/2007	07/10/2005	18/10/2004	FILM GRAIN SIMULATION METHOD	THOMSON LICENSING	13/07/2007	DELHI
39	268141	8424/DELNP/2007	05/04/2006	31/05/2005	METHOD OF MAKING MIXED METAL OXIDE CONTAINING SULFUR	EXXONMOBIL CHEMICAL PATENTS INC,	04/07/2008	DELHI
40	268143	5488/DELNP/2007	26/12/2005	27/12/2004	A PROCESS FOR SYNTHESIZING AN ALUMINIUM-SILICON- GERMANIUM-ZEOLITE	SAUDI BASIC INDUSTRIES CORPORATION	17/08/2007	DELHI
41	268144	8971/DELNP/2008	29/05/2007	31/05/2006	A LAUNDRY DETERGENT OR CLEANING COMPOSITION	THE PROCTER & GAMBLE COMPANY	20/03/2009	DELHI
42	268145	7310/DELNP/2007	11/04/2006	12/04/2005	A LIFT-OFF PROCESS FOR THE FORMATION OF MINIATURIZED GETTER DEPOSITS	SAES GETTERS S.P.A	14/12/2007	DELHI
43	268147	7474/DELNP/2008	29/03/2007	29/03/2006	A RAZOR	THE GILLETTE COMPANY	26/09/2008	DELHI
44	268149	784/DELNP/2008	21/07/2006	29/07/2005	PROCESS FOR PREPARING 3,4- DICHLORO-N-(2- CYANOPHENYL)-5- ISOTHIAZOLECARBOX AMIDE	BAYER CROPSCIENCE AKTIENGESELLSCHAFT	04/07/2008	DELHI
45	268151	227/DELNP/2007	06/07/2005	16/07/2004	STAPLE CARTRIDGE.	MAX CO., LTD.	03/08/2007	DELHI
46	268153	4680/DELNP/2009	24/06/2008	27/06/2007	SYSTEM AND PROCESS FOR GAS SWEETENING	HRD CORPORATION	26/02/2010	DELHI
47	268154	3306/DELNP/2008	24/10/2006	24/10/2005	ITERATIVE MULTIPATH INTERFACE CONCELLATION SYSTEM AND METHOD	QUALCOMM INCORPORATED,	08/08/2008	DELHI
48	268155	2239/DEL/2005	22/08/2005	06/09/2004	MATERIAL COMPOSITE	PLANSEE SE,	29/01/2010	DELHI
49	268158	1366/DELNP/2008	04/08/2006	12/08/2005	A CONTINUOUS CARBONYLATION PROCESS •	LUCITE INTERNATIONAL UK LIMITED	20/03/2009	DELHI
50	268160	769/DEL/2006	22/03/2006		A CONTINUOUS SPOUTED BED GROUNDNUT DRYER	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	24/02/2012	DELHI
51	268163	313/DEL/2003	18/03/2003	20/03/2002	AN INK CARTRIDGE SUPPLYING INK TO A RECORDING APPARATUS	SEIKO EPSON CORPORATION	14/11/2008	DELHI

52	268164	1255/DELNP/2004	10/10/2002	12/10/2001	CONTAINER FOR A FLOWABLE PRODUCT, PROCESS OF MANUFACTURE AND THE USE THEREOF	NESTLE WATERS MANAGEMENT AND TECHNOLOGY	08/12/2006	DELHI
53	268170	2029/DEL/2004	18/10/2004	22/10/2003	TEXTILE MACHINE AND CONTROL METHOD THEREOF	LUIGI OMODEO ZORINI	22/09/2006	DELHI
54	268171	2439/DELNP/2006	26/10/2004	28/10/2003	FLUID PRODUCT SPRAY DEVICE.	VALOIS S. A. S.	03/08/2007	DELHI
55	268172	4737/DELNP/2006	21/01/2005	23/01/2004	METHOD FOR FIXING TRACTION THREADS TO ENDS OF A PROSTHETIC LIGAMENT	LARS-LABORATOIRE D'APPLICATION ET DE RECHERCHE SCIENTIFIQUE	10/08/2007	DELHI
56	268173	8123/DELNP/2008	14/03/2007	24/03/2006	TUBERCULOSIS VACCINE	UNIVERSIDAD DE ZARAGOZA	08/05/2009	DELHI
57	268183	8444/DELNP/2007	12/05/2006	13/05/2005	PRODUCTION OF GLUCOSAMINE FROM PLANT SPECIES	NESTEC S.A.	04/07/2008	DELHI
58	268188	3500/DELNP/2008	27/10/2006	27/10/2005	APPARATUS AND METHOD OF GENERATING SIGNALLING CHANNEL MESSAGES IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	08/08/2008	DELHI
59	268189	2297/DELNP/2008	27/09/2006	27/09/2005	REGENERABLE SORBENTS FOR REMOVAL OF SULFUR FROM HYDROCARBONS AND PROCESSES FOR THEIR PREPARATION AND USE	RESEARCH TRIANGLE INSTITUTE	15/08/2008	DELHI
60	268190	1914/DELNP/2008	02/09/2006	06/09/2005	POWERED WET- SHAVING RAZOR	THE GILLETTE COMPANY	27/06/2008	DELHI
61	268193	3331/DELNP/2008	17/10/2006	20/10/2005	A CONTAINER FOR A LIQUID OR VISCOUS PRODUCT	NESTLE WATERS MANAGEMENT & TECHNOLOGY	15/08/2008	DELHI

Seri al Nu mbe r	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)	Appropriat e Office
1	268048	2078/MUM/2011	21/07/2011 14:39:42		FCC CATALYST ADDITIVE AND A METHOD FOR THE PREPARATION	RELIANCE INDUSTRIES LIMITED	16/05/2014	MUMBAI
2	268053	2370/MUM/2009	12/10/2009 15:03:34		AN IMPROVED AND EFFICIENT PROCESS FOR THE PREPARATION OF HIGHLY PURE CRYSTALLINE FORM OF ERLOTINIB HYDROCHLORIDE	CADILA HEALTHCARE LIMITED	03/02/2012	MUMBAI
3	268057	571/MUMNP/200 9	07/09/2007	29/09/2006	A METHOD OF USING A MOBILE TERMINAL TO PROCESS SHORT MESSAGES AND MOBILE TERMINAL THEREOF	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	22/05/2009	MUMBAI
4	268068	447/MUMNP/200 9	26/09/2007	26/09/2006	RESYNCHRONISATION OF A MULTIMEDIA DECODER USING AUDIO TIMESTAMPS	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
5	268072	2390/MUMNP/20 09	30/06/2008	03/07/2007	AUTONOMOUS SEA WATER PURIFICATION DEVICE HAVING ALTERNATING SUBMERGED FILTRATION MODULES WITH MULTIPISTON LOW- PRESSURE CHAMBERS	LOPEZ (SOCI‰T‰ PAR ACTIONS SIMPLIFI‰E)	04/06/2010	MUMBAI
6	268074	498/MUM/2007	16/03/2007 11:45:41		ARC CHUTE WITH TRIMETAL ARC PLATES FOR ARC CHAMBER IN CIRCUIT BREAKER DEVICE	LARSEN & TOUBRO LIMITED	07/11/2008	MUMBAI
7	268075	273/MUM/2010	03/02/2010 13:24:53		A PROCESS FOR THE PREPARATION OF CARBON BLACK PELLETS	ADITYA BIRLA NUVO LTD,ADITYA BIRLA SCIENCE AND TECHNOLOGY CO. LTD.	19/07/2013	MUMBAI
8	268085	168/MUMNP/200 9	08/08/2007	14/08/2006	METHOD AND APPARATUS TO ENABLE THE COOPERATIVE SIGNALING OF A SHARED BUS INTERRUPT IN A MULTI-RANK MEMORY SUBSYSTEM	QUALCOMM INCORPORATED	15/05/2009	MUMBAI

9	268090	1751/MUMNP/20 08	23/02/2007	23/02/2006	SYSTEMS AND METHODS FOR SHARING PROFILE DATA BETWEEN TELECOMMUNICATION DEVICES	QUALCOMM INCORPORATED	03/10/2008	MUMBAI
10	268093	116/MUMNP/201 0	30/06/2008	29/06/2007	METHODS FOR ONE-POT N-DEMETHYLATION/N- ACYLATION OF MORPHINE AND TROPANE ALKALOIDS	BROCK UNIVERSITY	25/06/2010	MUMBAI
11	268094	120/MUMNP/200 8	06/07/2006	07/07/2005	METHODS AND DEVICES FOR LOCATION DETERMINATION AND LOCATION-BASED SERVICES IN WIRELESS WIDE AREA NETWORKS, WIRELESS LOCAL AREA NETWORKS AND WIRELESS PERSONAL AREA NETWORKS	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
12	268101	1038/MUMNP/201 0	08/10/2008	25/10/2007	SYNTHETIC RESIN COMPOSITION AND AUTOMOTIVE INTERIOR/EXTERIOR MATERIAL	ADEKA CORPORATION	17/09/2010	MUMBAI
13	268102	542/MUMNP/2009	10/10/2007	10/10/2006	REGISTRATION OF A TERMINAL WITH A LOCATION SERVER FOR USER PLANE LOCATION	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
14	268110	1160/MUM/2008	30/05/2008		A DEVICE FOR LIFTING AND LOWERING OF A STOPPER ROD IN A CASTING APPARATUS	JSW STEEL LIMITED	01/08/2008	MUMBAI
15	268123	1830/MUM/2007	20/09/2007		A SIPHON ASSISTED PUMPING SYSTEM FOR PUMPING LIQUID FROM A TANK AT LOWER LEVEL TO A TANK AT HIGHER LEVEL	AMIN RAHUL NANUBHAI	31/10/2008	MUMBAI
16	268124	2095/MUMNP/20 08	13/02/2007	30/03/2006	TEXTURED TRANSPARENT CONDUCTIVE LAYER AND METHOD OF PRODUCING IT	UNIVERSITE DE NEUCHATEL	23/01/2009	MUMBAI
17	268128	2061/MUMNP/20 08	13/04/2007	13/04/2006	SELECTIVE VIDEO FRAME RATE UPCONVERSION	QUALCOMM INCORPORATED	14/11/2008	MUMBAI
18	268140	1862/MUM/2010	23/06/2010 16:19:01		PROCESS FOR THE PREPARATION OF EXTRA- PURE 2,6-DIISOPROPYL PHENOL	HARMAN FINOCHEM LIMITED	13/08/2010	MUMBAI
19	268148	1714/MUMNP/20 08	01/02/2007	03/02/2006	ENERGY-ABSORBING TEXTILE STRUCTURE, IN PARTICULAR FOR USE IN VEHICLE CONSTRUCTION AND METHOD FOR PRODUCING SAID STRUCTURE	SGL KUEMPERS GMBH & CO. KG	12/12/2008	MUMBAI

20	268176	2021/MUMNP/20 07	01/05/2006	03/06/2005	PROCESS FOR INCORPORATION OF ANTIOXIDANT IN DETERGENT COMPOSITION	HINDUSTAN UNILEVER LIMITED	25/01/2008	MUMBAI
21	268177	1124/MUM/2007	15/06/2007		A PROCESS FOR PREPARING THE COMPOUND OF FORMULA I	EMCURE PHARMACEUTICALS LIMITED	19/06/2009	MUMBAI
22	268179	2950/MUM/2010	25/10/2010 11:09:42		METHOD FOR CONVERSION OF SUCROSE TO VALUE- ADDED CHEMICAL	YADAV GANAPATI DADASAHEB	17/12/2010	MUMBAI
23	268182	2442/MUM/2010	03/09/2010 11:20:43		CATALYST COMPOSITION (ICAT-2) COMPRISING OF RARE EARTH METAL	YADAV GANAPATI DADASAHEB	22/10/2010	MUMBAI
24	268187	2823/MUMNP/20 10	12/06/2009	13/06/2008	VOLUME-CHANGE RESISTANT SILICON OXY- NITRIDE OR SILICON OXY-NITRIDE AND SILICON NITRIDE BONDED SILICON CARBIDE REFRACTORY	SAINT-GOBAIN CERAMICS & PLASTICS, INC.	03/06/2011	MUMBAI
25	268191	1246/MUM/2007	29/06/2007		PROCESS FOR THE RESOLUTION	EMCURE PHARMACEUTICALS LIMITED,	19/06/2009	MUMBAI
26	268192	1244/MUMNP/20 08	20/11/2006	23/12/2005	BLOWABLE INSULATION CLUSTERS MADE OF NATURAL MATERIAL	ALBANY INTERNATIONAL CORP.	19/09/2008	MUMBAI
27	268194	2562/MUM/2010	16/09/2010		CALCINATED HETEROGENEOUS CATALYST COMPOSITION	YADAV GANAPATI DADASAHEB	26/11/2010	MUMBAI
28	268196	1269/MUMNP/20 10	23/12/2008	28/12/2007	STEAM GENERATING SLURRY GASIFIER FOR THE CATALYTIC GASIFICATION OF A CARBONACEOUS FEEDSTOCK •	GREATPOINT ENERGY INC.	22/10/2010	MUMBAI

Seri al Nu mbe r	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	268044	1551/CHE/2009	30/06/2009	02/07/2008	Routing Data Requests within A System-On-A- Chip (SOC)	INTERNATIONAL BUSINESS MACHINES CORPORATION	02/07/2010	CHENNAI
2	268046	116/CHENP/2008	06/07/2006	08/07/2005	PROCESS FOR RELEASE OF AT LEAST ONE PRESSURE MEDIUM OPERATED SPRING ACCUMULATOR BRAKE AND AN APPARATUS AND HYDRAULIC CIRCUIT FOR CARRYING OUT THE PROCESS	FSP Fluid Systems Partners Holding AG	19/09/2008	CHENNAI
3	268047	1068/CHENP/2007	19/08/2005	14/09/2004	TEXTILE STRIP COMPRISING AN INTEGRATED ANTENNA THREAD FOR AN RF TRANSPONDER	TEXTILMA AG	31/08/2007	CHENNAI
4	268049	658/CHENP/2008	08/08/2006	08/08/2005	GAS ANALYSIS METHOD	LINDE LLC	28/11/2008	CHENNAI
5	268051	2274/CHENP/20 07	25/11/2005	26/11/2004	A COMMUNICATION MODULE HAVING AT LEAST TWO COMMUNICATION CHIPS AND AN INTERFACE MODULE	ROBERT BOSCH GMBH	07/09/2007	CHENNAI
6	268052	6457/CHENP/20 08	15/05/2007	25/05/2006	FLUORINATED SURFACTANTS	3M INNOVATIVE PROPERTIES COMPANY	27/03/2009	CHENNAI
7	268054	1980/CHENP/20 09	24/08/2007	15/09/2006	2, 5-DIOXO-3-(2- PROPYNYL)IMIDAZOLI DIN-1-YLMETHYL 3- [OXYIMINO-2- METHYL-1- PROPENYL]-2,2- DIMETHYLCYCLOPRO PANECARBOXYLATE	SUMITOMO CHEMICAL COMPANY, LIMITED	21/08/2009	CHENNAI
8	268060	1628/CHE/2006	07/09/2006	08/09/2005	A METHOD FOR IMPLEMENTING A PUBLIC KEY INFRASTRUCTURE IN A DOCUMENT MANAGEMENT SYSTEM	XEROX CORPORATION	22/06/2007	CHENNAI
9	268063	6466/CHENP/20 08	30/10/2006	31/10/2005	WIRELESS TRANSMITTER	HUAWEI TECHNOLOGIES CO., LTD.	27/03/2009	CHENNAI

10	268066	1604/CHE/2009	07/07/2009 11:20:13		IMPROVED BIO- DEGRADABLE WASTE BASED BIO- METHANATION PLANT	VIVEKANANDA KENDRA	14/01/2011	CHENNAI
11	268067	1159/CHENP/20 08	09/09/2005	09/09/2005	PHARMACEUTICAL COMPOSITION SUITABLE FOR THE TREATMENT OF MALARIA WITHIN ONE DAY	DAFRA PHARMA N.V	12/09/2008	CHENNAI
12	268070	2805/CHE/2007	29/11/2007		METHOD OF DYNAMIC POWER SAVING IN CERTIFIED WIRELESS UNIVERSAL SERIAL BUS DEVICE WIRE ADAPTER SYSTEM ON CHIP	SAMSUNG R&D INSTITUTE INDIA- BANGALORE Pvt. Ltd.	11/09/2009	CHENNAI
13	268086	4447/CHENP/20 06	31/03/2005	04/06/2004	SYSTEM AND METHOD FOR PERFORMANCE MANAGEMENT IN A MULTI-TIER COMPUTING ENVIRONMENT	SAP SE	29/06/2007	CHENNAI
14	268096	4488/CHENP/20 08	09/02/2007	28/02/2006	POSITIVE WORKING LITHOGRAPHIC PRINTING PLATES	AGFA GRAPHICS NV	13/03/2009	CHENNAI
15	268098	1604/CHE/2008	02/07/2008 16:04:25	03/07/2007	POWER SOURCE CONTROL DEVICE	DENSO CORPORATION	02/07/2010	CHENNAI
16	268100	1892/CHENP/20 09	30/10/2007	31/10/2006	UNIFIED DESIGN AND CENTRALIZED SCHEDULING FOR DYNAMIC SIMO, SU- MIMO AND MU-MIMO OPERATION FOR RL TRANSMISSIONS	Qualcomm Incorporated	29/06/2012	CHENNAI
17	268103	1947/CHENP/20 08	16/10/2006	20/10/2005	FIXED-BED REACTOR AND PROCESS FOR PRODUCING 2, 2-BIS(4- HYDROXYPHENYL)PR OPANE WITH THE SAME	IDEMITSU KOSAN CO., LTD.	06/02/2009	CHENNAI
18	268109	3947/CHENP/20 07	08/03/2006	08/03/2005	QUALITY OF SERVICE PROVISIONING USING PERIODIC CHANNEL TIME ALLOCATION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	23/11/2007	CHENNAI
19	268126	3071/CHENP/20 08	20/12/2006	20/12/2005	PROGRAMMABLE MULTIMEDIA CONTROLLER WITH PROGRAMMABLE SERVICES	SAVANT SYSTEMS LLC	06/03/2009	CHENNAI
20	268134	3528/CHENP/20 07	12/01/2005	12/01/2005	GAS FLOWMETER CALIBRATION STAND	MICRO MOTION, INC.	16/11/2007	CHENNAI
21	268142	411/CHENP/200 8	07/07/2006	25/07/2005	METHOD OF CONTROLLED ACCESS TO CONTENT	KONINKLIJKE PHILIPS ELECTRONICS N.V.	19/09/2008	CHENNAI

22	268152	3002/CHENP/20 10	20/11/2008	20/11/2007	METHOD OF ENVIRONMENTAL SAMPLING	3M INNOVATIVE PROPERTIES COMPANY	12/11/2010	CHENNAI
23	268174	3972/CHENP/20 08	10/09/2002	10/09/2001	AN AQUEOUS REAGENT COMPOSITION	MESO SCALE TECHNOLOGIES, LLC	13/03/2009	CHENNAI
24	268175	3971/CHENP/20 08	10/09/2002	10/09/2001	AN AQUEOUS REAGENT COMPOSITION	MESO SCALE TECHNOLOGIES, LLC	13/03/2009	CHENNAI
25	268178	5816/CHENP/20 08	17/05/2007	18/05/2006	A METHOD OF ASSIGNING RESOURCES TO MULTIPLE ACCESS TERMINALS	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
26	268180	420/CHE/2008	19/02/2008 17:49:26		A METHOD OF OBTAINING A PURIFIED, BIOLOGICALLY ACTIVE HETEROLOGOUS PROTEIN	BIOCON LIMITED	11/09/2009	CHENNAI
27	268181	2511/CHENP/20 08	20/10/2006	21/10/2005	INHALATORY DRY SOLID PHARMACEUTICAL COMPOSITIONS AND SUSPENSIONS THEREOF	ERATECH S.R .L	06/03/2009	CHENNAI
28	268185	1173/CHENP/20 08	09/08/2006	09/08/2005	A HEAT TRACE ASSEMBLY FOR HEATING A CONDUIT SYSTEM	WATLOW ELECTRIC MANUFACTURING COMPANY	12/09/2008	CHENNAI
29	268186	3943/CHENP/20 07	10/03/2005	10/03/2005	COMB-LIKE POLYETHERALKANOL AMINES IN INKS AND COATINGS	HUNTSMAN PETROCHEMICAL LLC	21/12/2007	CHENNAI
30	268195	4279/CHENP/20 09	14/12/2007	21/12/2006	FIXING MEMBER FOR ELECTROPHOTOGRAP HY, METHOD FOR PRODUCING THE SAME, FIXING DEVICE, AND ELECTROPHOTOGRAP HIC IMAGE FORMING APPARATUS	CANON KABUSHIKI KAISHA	14/08/2009	CHENNAI

Seri al Nu mbe r	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	268073	447/KOL/2006	15/05/2006	29/06/2005	COMMUNICATION DEVICE WITH SINGLE OUTPUT AUDIO TRANSDUCER	MOTOROLA MOBILITY LLC	22/06/2007	KOLKATA
2	268087	892/KOLNP/2008	22/08/2006	31/08/2005	METHOD OF PREPARING A CATALYTIC COMPOSITION FOR THE HYDROPROCESSING OF PETROLEUM FRACTIONS	INSTITUTO MEXICANO DEL PETROLEO	19/12/2008	KOLKATA
3	268089	3834/KOLNP/2008	23/02/2007	24/02/2006	A HIGH RESISTIVITY REFRACTORY WITH HIGH ZIRCONIA CONTENT AND A DOPANT	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	27/02/2009	KOLKATA
4	268092	3808/KOLNP/2007	11/04/2006	11/04/2005	A VARIANT FORM OF URATE OXIDASE AND USE THEREOF	CREALTA PHARMACEUTICALS, LLC.	30/05/2008	KOLKATA
5	268095	1178/KOL/2005	23/12/2005		A PNEUMATIC LOOM FOR WEAVING OF COCONUT YARN INTO WOVEN PRODUCTS	CENTRAL COIR RESEARCH INSTITUTE	21/05/2010	KOLKATA
6	268105	1128/KOLNP/2008	21/08/2006	19/08/2005	CYCLOPROPYL COMPOUNDS AND COMPOSITIONS FOR DELIVERING ACTIVE AGENTS	EMISPHERE TECHNOLOGIES, INC.	26/12/2008	KOLKATA
7	268113	4274/KOLNP/2008	23/05/2007	26/05/2006	PHASE SHIFT BASED PRECODING METHOD AND TRANSCEIVER FOR SUPPORTING THE SAME	LG ELECTRONICS INC	06/03/2009	KOLKATA
8	268114	288/KOLNP/2008	29/06/2005	29/06/2005	TECHNIQUE FOR NEGOTIATING ON BEHALF OF A MOBILE AMBIENT NETWORK WITHIN A MULTI- OPERATOR WIRELESS COMMUNICATION SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	26/09/2008	KOLKATA
9	268117	1459/KOLNP/200 8	05/10/2006	06/10/2005	SUPPLY NETWORK OR ANTENNA WITH AT LEAST ONE RADIATOR AND WITH A SUPPLY NETWORK	KATHREIN-WERKE KG	02/01/2009	KOLKATA
10	268118	856/KOLNP/2009	21/09/2007	22/09/2006	METHOD FOR MULTIPLEXING UE SIGNALS HAVING DIFFERENT BANDWIDTH, AND METHOD FOR TRANSMITTING UPLINK SIGNAL	LG ELECTRONICS INC.	22/05/2009	KOLKATA
11	268119	1713/KOLNP/201 0	28/11/2008	28/11/2008	STEEL SHEET FOR FUEL TANKS AND METHOD OF PRODUCING THE SAME	JFE STEEL CORPORATION	27/08/2010	KOLKATA

12	268120	2480/KOLNP/200 9	07/01/2008	05/01/2007	METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING CONTROL INFORMATION TO RANDOMIZE INTER-CELL INTERFERENCE IN A MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO., LTD.	14/08/2009	KOLKATA
13	268121	854/KOL/2008	08/05/2008	08/06/2007	ELECTRICALLY HEATED PARTICULATE FILTER DIAGNOSTIC SYSTEMS AND METHODS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
14	268125	2574/KOLNP/200 7	10/04/2006	11/04/2005	USER EQUIPMENT, METHOD AND SYSTEM FOR SIMULTANEOUS SESSION CONTROL	LG ELECTRONICS INC.	24/08/2007	KOLKATA
15	268129	3508/KOLNP/200 6	25/05/2005	25/05/2004	REFRIGERANT- BASED THERMAL ENERGY STORAGE AND COOLING SYSTEM AND METHOD OF PROVIDING LOAD COOLING USING THE SAME	ICE ENERGY HOLDINGS, INC.	15/06/2007	KOLKATA
16	268130	1313/KOL/2010	19/11/2010		A PROCESS FOR DEPOSITING HARD, HYDROPHOBIC,MECHANI CALLY, THERMALLY AND CHEMICALLY STABLE POLYMER FILMS ON BELL METAL	DIRECTOR INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY, SECRE TARY DEPARTMENT OF ATOMIC ENERGY	07/01/2011	KOLKATA
17	268131	4376/KOLNP/200 8	26/04/2007	02/05/2006	METHOD OF MANUFACTURING HOT DIP GALVANNEALED STEEL SHEET AND HOT DIP GALVANNEALED STEEL SHEET	JFE STEEL CORPORATION	06/03/2009	KOLKATA
18	268135	769/KOL/2008	24/04/2008	23/03/2007	A SYSTEM FOR CAMSHAFT PHASER CONTROL WITH ONE CAM POSITION SENSOR	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
19	268136	892/KOL/2008	15/05/2008	07/06/2007	MULTI-SPEED TRANSMISSION WITH EIGHT OR MORE SPEEDS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
20	268146	200/KOL/2006	09/03/2006		A THERMAL INSULATION SYSTEM FOR LADLE COVER	STEEL AUTHORITY OF INDIA LIMITED	21/09/2007	KOLKATA
21	268150	2292/KOLNP/200 6	11/03/2005	12/03/2004	DISPOSABLE WEARING ARTICLE	UNI-CHARM CO., LTD.	25/05/2007	KOLKATA
22	268156	595/KOLNP/2008	26/06/2006	30/07/2005	DRYING APPARATUS	DYSON TECHNOLOGY LIMITED	14/11/2008	KOLKATA
23	268157	359/KOL/2008	27/02/2008	23/03/2007	METHOD AND SYSTEM FOR EVALUATING A CRANKSHAFT POSITION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA

24	268159	2434/KOLNP/2006	25/02/2005	27/02/2004	ULTRASONIC SURGICAL BLADE HAVING TRANSVERSE AND LONGITUDINAL VIBRATION	ETHICON ENDO- SURGERY,INC	25/05/2007	KOLKATA
25	268161	785/KOLNP/2007	30/09/2004	30/09/2004	AN ORBITAL IMPLANT DEVICE ADAPTED FOR FITTING INTO A PATIENTS ORBIT	JEANS-FRANCOIS DURETTE, OCULARISTE INC.	13/07/2007	KOLKATA
26	268162	2224/KOLNP/2007	16/12/2005	17/12/2004	METHOD FOR MANUFACTURING STEEL HOUSINGS, COMPOSED OF AT LEAST TWO HOUSING COMPONENTS, FOR ASSEMBLIES INSTALLED IN VEHICLES	KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH	17/08/2007	KOLKATA
27	268165	662/KOL/2008	01/04/2008	04/04/2007	ACCESSORY DRIVE TENSIONER SYSTEM AND A PIVOT COUPLING	GM GLOBAL TECHNOLOGY OPERATIONS, INC	05/06/2009	KOLKATA
28	268166	553/KOL/2008	19/03/2008		AN ARRANGEMENT FOR EASY REPLACEMENT OF UPSTREAM SEAL OF BI- PLANE PENSTOCK VALVE DOOR WITHOUT DEWATERING UPSTREAM PIPE	BHARAT HEAVY ELECTRICALS LIMITED	25/09/2009	KOLKATA
29	268167	1225/KOL/2008	17/07/2008	01/08/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
30	268168	264/KOL/2006	27/03/2006		A METHOD FOR DETERMINING NO LOAD ROLL GAP IN A HOT STRIP MILL FOR ACHIEVING TARGET THICKNESS DURING ROLLING OPERATIONS	STEEL AUTHORITY OF INDIA LIMITED	10/04/2009	KOLKATA
31	268169	1118/KOL/2008	26/06/2008	20/07/2007	8-SPEED TRANSMISSIONS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
32	268184	906/KOLNP/2009	10/09/2007	08/09/2006	SYSTEM AND METHOD FOR COLLAPSED SUBSCRIBER MANAGEMENT AND CALL CONTROL	STARENT NETWORKS LLC	22/05/2009	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.

#### DESIGN CORRIGENDUM

The Registered Design No. 265649 which has been erroneously published in the official Journal of India dated 03/07/2015, part –II, at page 43471, column 2 in the name of ZIGGY POP INC, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA HAVING ITS OFFICE AT 225 MARINE DRIVE, SUITE 300, BLAINE, WASHINGTON 98230, UNITED STATES OF AMERICA Class 07-02, Date of Registration 12/09/2014, Titled as SNACK MACHINE, Priority Number 29/501,635 Date 05/09/2014, Country U.S.A. should read as ZIPPY POP INC, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA HAVING ITS OFFICE AT 225 MARINE DRIVE, SUITE 300, BLAINE, WASHINGTON 98230, UNITED STATES OF AMERICA Class 07-02, Date of Registration 12/09/2014, Titled as SNACK MACHINE, Priority Number 29/501,635 Date 05/09/2014, Country U.S.A.

# THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of SULZER PUMPEN AG registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
232500, 232501, 232502	15-02	ABB TECHNOLOGY LTD. OF AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND, A SWISS COMPANY

The Design stands in the name of SILVER ELECTRICALS (PARTNERS ARE PRAVIN KAMBLE, DHARMCHAND JAIN & PRAKASH PRAJAPATI registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
236828, 236830	13-03	MR. PRAVIN KAMBLE. (INDIAN NATIONAL), MR. PRAKASH PRAJAPATI. (INDIAN NATIONAL), & MR. HARESH KISANLAL PRAJAPATI. (INDIAN NATIONAL), THE PARTNERS OF M/S. SILVER ELECTRICALS., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), HAVING ADDRESS AT GALA NO. 6, GULAB INDUSTRIAL ESTATE, SAKINAKA TELEPHONE EXCHANGE ROAD, ANDHERI KURLA ROAD, SAKINAKA, ANDHERI, MUMBAI-400 072, MAHARASHTRA, INDIA

The Design stands in the name of ABB AB registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
250386, 250387	13-03	ABB TECHNOLOGY LTD. OF AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND, A SWISS COMPANY

The Design stands in the name of KONINKLIJKE PHILIPS ELECTRONICS N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
226877	14-01	WOOX INNOVATIONS BELGIUM NV, A PRIVATE COMPANY WITH LIMITED LIABILITY INCORPORATED UNDER THE LAWS OF BELGIUM WITH ITS CORPORATE SEAT IN ANDERLECHT, BELGIUM AND REGISTERED ADDRESS AT TWEESTATIONSSTRAAT 80, B-1070 ANDERLECHT, BELGIUM

The Design stands in the name of KONINKLIJKE PHILIPS ELECTRONICS N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
229345	14-03	WOOX INNOVATIONS BELGIUM NV, A PRIVATE COMPANY WITH LIMITED LIABILITY INCORPORATED UNDER THE LAWS OF BELGIUM WITH ITS CORPORATE SEAT IN ANDERLECHT, BELGIUM AND REGISTERED ADDRESS AT TWEESTATIONSSTRAAT 80, B-1070 ANDERLECHT, BELGIUM

The Design stands in the name of KONINKLIJKE PHILIPS ELECTRONICS N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
242136	14-01	WOOX INNOVATIONS BELGIUM NV, A PRIVATE COMPANY WITH LIMITED LIABILITY INCORPORATED UNDER THE LAWS OF BELGIUM WITH ITS CORPORATE SEAT IN ANDERLECHT, BELGIUM AND REGISTERED ADDRESS AT TWEESTATIONSSTRAAT 80, B-1070 ANDERLECHT, BELGIUM

The Design stands in the name of SWITCHLAB INC. registered under the Designs Act, 2000 has been assigned in the Register of Designs along with co-proprietor's name is as follows:-

Design No.	Class	Name
229557	13-03	SWITCHLAB (SHANGHAI) CO., LTD. NO. 169, FENG RAO RD., MALU TOWN, JIADING AREA, SHANGHAI CITY, CHINA

# CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Ld. Asstt. Controller of Patents & Designs passed an order on 17/8/2015 to dismiss the petition (Petition No. Can/018/2013) filed by Shri Naresh Sagar, Proprietor of M/s. Cure Pharma having its office at 41, Industrial Estate, PO-Rayon and Silk Mills, Cheharta – 143104, Distt. Amritsar, Punjab on 1/4/2013 for cancellation of registration of registered Design No. 229784 dated 14/6/2010 under class 09-03 titled as 'Container' in the name of Vetsfarma Ltd., of Police Lines Road, Jalandhar-144001 (Punjab), India, an Indian Limited Company whose Managing Director is Sham Tewari, Indian national of above address."

### **COPYRIGHT PUBLICATION**

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	197536	23.07.2015
2.	198513	23.07.2015
3.	198514	23.07.2015
4.	198659	20.07.2015
5.	198802	28.07.2015
6.	199158	28.07.2015
7.	199227	27.07.2015
8.	199275	20.07.2015
9.	199295	20.07.2015
10.	199312	23.07.2015
11.	199336	27.07.2015
12.	199337	27.07.2015
13.	199338	27.07.2015
14.	199339	27.07.2015
15.	199340	27.07.2015
16.	199444	23.07.2015
17.	200348	20.07.2015
18.	200798	20.07.2015
19.	201144	28.07.2015
20.	201435	20.07.2015
21.	201436	20.07.2015
22.	201438	20.07.2015
23.	201445	20.07.2015
24.	201446	20.07.2015
25.	201447	20.07.2015

### **REGISTRATION OF DESIGNS**

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER		268442			
CLASS		23-04			
1)LG ELECTRONICS INC., 128, YEOUI-DAERO, YEONGDE NATIONALITY: REPUBLIC OF KOR		EUNGPO - GU, SEOUL 150 - 721, KOREA; REA			
DATE OF REGISTRATIO	N		26/12/2014		
TITLE			AIR CONDITION	NER	
PRIORITY					
PRIORITY NUMBER	DA	ГЕ	COUNTRY		
30-2014-0036436	24/0	07/2014	REPUBLIC OF K	OREA	
DESIGN NUMBER			270025		
CLASS			12-16		
1)TATA MOTORS LIMI BOMBAY HOUSE, 24 H 400001, MAHARASHTRA,	IOMÍ MO			WK, MUMBAI	
DATE OF REGISTRATION		02/03/2015			
TITLE		FLOOR CONSOLE ARM REST OF A VEHICLE			
PRIORITY NA					
DESIGN NUMBER		261960			
CLASS		08-05		74 I	
1)TAPARIA TOOLS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES A 423-424/A-2, SHAH & NAHAR, LOWER PAREL (WEST MUMBAI-400013		PANIES ACT, AT			
DATE OF REGISTRATION		23/04/2014		ailt	
TITLE		PLIER			

DESIGN NUMBER	270634
CLASS	12-16

1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/03/2015	
TITLE	GUARD BUMPER	
DDIODITY NA		



#### PRIORITY NA

DESIGN NUMBER	263317
CLASS	09-99

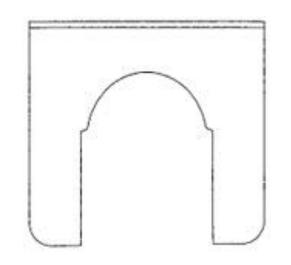
### 1)FIRMA LEIF JOHANSSON INNOVATIONSKONSULT, A COMPANY OF SWEDEN OF

BÄCKVÄGEN 15, 428 33 KÅLLERED, SWEDEN

DATE OF REGISTRATION	13/06/2014
TITLE	TAPHOLDER FOR BAG-IN-BOX CONTAINERS

### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
1111	01/01/2014	U.S.A.



DESIGN NUMBER	268250
CLASS	15-03

### 1)STANDARD CORPORATION INDIA LIMITED, OF STANDARD CHOWK, BARNALA, PUNJUB, INDIA,

A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF THE ABOVE ADDRESS

DATE OF REGISTRATION	17/12/2014
TITLE	BODY OF HARVESTER



<b>CLASS</b> 07-04	DESIGN NUMBER	267352
	CLASS	07-04

1)SAKHIYA CHANDUBHAI GANDUBHAI AN INDIAN NATIONAL AND PROPRIETOR OF KONVEX INDUSTRIES HAVING ITS PLACE OF BUSINESS AT STREET NO. 5, TIRUPATI INDUSTRIES AREA, GOKUL NAGAR MAIN ROAD, RAJKOT-04 GUJARAT (INDIA)

DATE OF REGISTRATION	12/11/2014
TITLE	SEV MACHINE



#### PRIORITY NA

DESIGN NUMBER 270636		
<b>CLASS</b> 12-16		
1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS		

UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

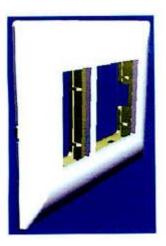
DATE OF REGISTRATION	26/03/2015	
TITLE	GUARD BUMPER	
PRIORITY NA		



DESIGN NUMBER	253361
CLASS	13-03
1)SCHNEIDER ELECTRIC INDUSTRIES SAS, A FRENCH COMPANY OF	

35, RUE JOSEPH MONIER, F-92500 RUEIL-MALMAISON, FRANCE

DATE OF REGISTRATION	
TITLE	OVER FRAME WITH GRID FOR SOCKET AND SWITCH



DESIGN NUMBER	269935
CLASS	23-04

### 1)GROUPE SEB INDIA PRIVATE LIMITED,

A-25, FIRST FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL AREA, NEW DELHI-110044, DELHI, INDIA

DATE OF REGISTRATION	27/02/2015
TITLE	AIR COOLER



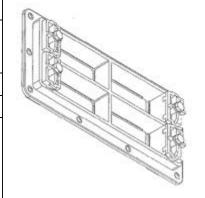
### PRIORITY NA

DESIGN NUMBER	267548
CLASS	25-01

#### 1)ROXTEC AB, A SWEDISH JOINT STOCK COMPANY, OF

PO BOX 540 (STREET ADDRESS: ROMBVÄGEN 2) SE-37123 KARLSKRONA, SWEDEN

DATE OF REGISTRATION	21/11/2014
TITLE	FRAME FOR SEALING CABLES



### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002485664	18/06/2014	OHIM

DESIGN NUMBER	2012))
CLASS	12-11

### 1)DHALLSON CYCLES (INDIA) PVT. LTD., C-191, PHASE-VII, FOCAL POINT, LUDHIANA-141010 (PUNJAB) INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS

DATE OF REGISTRATION	10/11/2014	
TITLE	CYCLE FRAME	
PRIORITY NA		



DESIGN NUMBER	268610
CLASS	09-03
1)RISHI VERMA; AN INDIAN WHOSE ADDRESS IS 6352/2, ALEXANDRA ROAD, AMBALA CANTT-133001, HARYANA, INDIA	
DATE OF REGISTRATION	02/01/2015

UNFOLDED PACKAGING BOX



#### PRIORITY NA

TITLE

DESIGN NUMBER	270628
CLASS	12-16

### 1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS

UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/03/2015
TITLE L	UGGAGE CARRIER VEHICLE



#### PRIORITY NA

DESIGN NUMBER	271028
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	267500	
CLASS	09-03	
1)HARIHAR PUHAN, SON OF MI M/S. SHREE DURGA PETROCHEM	R. KANHU CHARAN PUHAN PROPRIETOR OF MICALS HAVING OFFICE ADDRESS AT AL ESTATE, JAGATPUR, CUTTACK-754021,	8
DATE OF REGISTRATION	18/11/2014	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	267661	
CLASS	14-03	
COMPANY INCORPORATED UND P.R.CHINA, ADDRESS AT	QUIPMENT CO., LTD. SHENZHEN, A VER THE LAWS OF CHINA, NATIONALITY: LDING, 7028 SHENNAN ROAD, FUTIAN NG, CHINA	
DATE OF REGISTRATION	24/11/2014	
ritle	MOBILE PHONE	
PRIORITY NA  DESIGN NUMBER	267735	
CLASS	09-01	
19A, MIRA CO-OPERATIVE IND HIGHWAY, MIRA ROAD (E) 401104	LIMITED, AN INDIAN COMPANY OF USTRIAL ESTATE, WESTERN EXPRESS STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	26/11/2014	
TITLE	BOTTLE WITH CAP	
PRIORITY NA		

DESIGN NUMBER	270702		
CLASS	(	07-03	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N	PLACE OF BUSINESS	AT	
DATE OF REGISTRATION	30/	03/2015	
TITLE	CHEE	SE KNIFE	THE PARTY OF THE P
PRIORITY NA			Control of the last of the las
DESIGN NUMBER		270476	
CLASS		24-01	
1) <b>NIPRO CORPORATION,</b> 9-3, HONJONISHI 3-CHOME, K JAPANESE CORPORATION	ITA-KU, OSAKA-SHI, (	OSAKA, JAPAN, A	
DATE OF REGISTRATION	20	0/03/2015	
PRIORITY	BLOOD RESERVO	DIR WITH OXYGENATOR	
PRIORITY NUMBER	DATE	COUNTRY	l A To
2014-021321	26/09/2014	JAPAN	50
DESIGN NUMBER		270000	
CLASS		09-01	
1)PEARL POLYMERS LIMITEI PHASE 2, NEW DELHI-110020, IN A COMPANY INCORPORATED ABOVE ADDRESS	IDIA,		

02/03/2015 BOTTLE

TITLE

DATE OF REGISTRATION

DESIGN NUMBER	270801	
CLASS	05-05	A
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST),	
DATE OF REGISTRATION	30/03/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	270989	
CLASS	05-05	
CHANDER BINDRA,	VILLA, NEAR CSKM SCHOOL, SATBARI, NEW  06/04/2015  TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	259335	
CLASS	11-01	
1)H. K JEWELS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF 1701-A, 17TH FLOOR, THE CAPITAL BUILDING, B-WING, OPP ICICI BANK, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051, INDIA.		
DATE OF REGISTRATION	10/01/2014	/
NECKLACE NECKLACE		] \ /
PRIORITY NA		900

DESIGN NUMBER	267452	
CLASS	14-01	
1)WOOX INNOVATIONS BELGIUM NV OF TWEESTATIONSSTRAAT 80, B-1070, ANDERLECHT, BELGIUM		
DATE OF REGISTRATION	17/11/2014	
TITLE	PORTABLE BLUETOOTH SPEAKER	



### PRIORITY NA

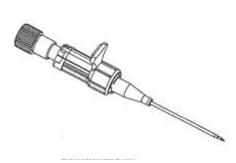
DESIGN NUMBER	270771
CLASS	05-05

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	30/03/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	267193	
CLASS	24-02	
1)NEERAJ GUPTA, AN INDIAN NATIONAL, OF 110-111, UDYOG VIHAR PHASE-4 GURGAON, HARYANA-122015, INDIA		
DATE OF REGISTRATION	03/11/2014	
TITLE	INTRA VENOUS CANNULA	



DESIGN NUMBER	270445
CLASS	15-03

1)DEEPAK VERMA, C/O. M/S. V.V.S. EXPELLER INDUSTRIES (REGD.) OF 262, NO. 7½, BABA MUKAND SINGH NAGAR, DABA ROAD, INDUSTRIAL AREA C, LUDHIANA (PUNJAB), INDIA,

INDIAN NATIONAL OF ABOVE ADDRESS

DATE OF REGISTRATION	19/03/2015
TITLE	SEED EXTRACTOR MACHINE



### PRIORITY NA

DESIGN NUMBER	270700	
CLASS	07-01	
1)MA DESIGN INDIA DDIVATE I IMITED A COMPANY INCODDODATED		

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	30/03/2015
TITLE	DISH



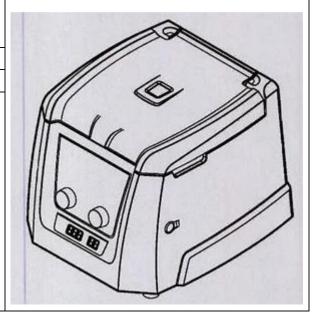
### PRIORITY NA

DESIGN NUMBER	269539
CLASS	24-01

### 1)NEUATION TECHNOLOGIES PRIVATE LIMITED, HAVING NATIONALITY OF INDIA OF THE ADDRESS

PLOT #16, GIDC ELECTRONIC SEZ, KOLAVADA ROAD, SECTOR #26, GANDHINAGAR-382026, GUJARAT, INDIA

DATE OF REGISTRATION	12/02/2015
TITLE	CENTRIFUGE DEVICE



DESIGN NUMBER	269265
CLASS	15-03

### 1)STANDARD CORPORATION INDIA LIMITED, OF STANDARD CHOWK, BARNALA, PUNJUB, INDIA,

A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF THE ABOVE ADDRESS

DATE OF REGISTRATION	03/02/2015
TITLE	STRAW CHOPPER



#### PRIORITY NA

DESIGN NUMBER	271201
CLASS	23-02

### 1)TOTO LTD., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS

1-1, NAKASHIMA 2-CHOME, KOKURAKITA-KU, KITAKYUSHU-SHI, FUKUOKA 802-8601, JAPAN

DATE OF REGISTRATION	07/04/2015
TITLE	URINAL

### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
2014-022538	08/10/2014	JAPAN

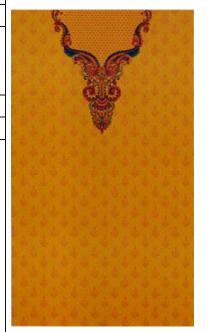


DESIGN NUMBER	270987
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC

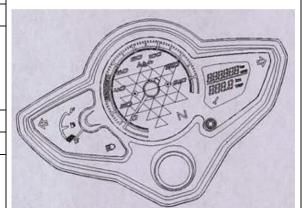


DESIGN NUMBER	267160
CLASS	12-16

1)JNS INSTRUMENTS LIMITED (AN INDIAN COMPANY HAVING AN OFFICIAL ADDRESS OF PLOT NO.-4, SECTOR-3, IMT MANESAR, GURGAON, INDIA),

RAJESH SINGH, RAHUL KUMAR, GOPAL SHARMA, AND ARUN KUMAR SHARMA

DATE OF REGISTRATION	03/11/2014	
TITLE	SPEEDOMETER FOR TWO WHEELERS	



#### PRIORITY NA

DESIGN NUMBER 267392	267392	
<b>CLASS</b> 15-99		

1)SPRAY ENGINEERING DEVICES LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

PLOT NO. 25, INDUSTRIAL AREA, PHASE-II, CHANDIGARH-160002 (U.T.), INDIA

DATE OF REGISTRATION	14/11/2014	
TITLE	DEHYDRATOR	



#### PRIORITY NA

DESIGN NUMBER	270424	
CLASS	02-04	

1)LIBERTY SHOES LIMITED, AN INDIAN COMPANY, OF LIBERTY PURAM, 13TH MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL - 132001, HARYANA, INDIA

DATE OF REGISTRATION	18/03/2015	
TITLE	SOLE FOR FOOTWEAR	



DESIGN NUMBER	270697	
CLASS	26-01	•
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO		MA
DATE OF REGISTRATION	30/03/2015	
TITLE	CANDLE HOLDER	M. A.
PRIORITY NA		
DESIGN NUMBER	269536	
CLASS	24-01	
OF INDIA OF THE ADDRESS	PRIVATE LIMITED, HAVING NATIONALITY EZ, KOLAVADA ROAD, SECTOR #26, , INDIA	
DATE OF REGISTRATION	12/02/2015	000//
TITLE	STIRRER DEVICE	
PRIORITY NA		
DESIGN NUMBER	270796	
CLASS	05-05	Witter the Publication
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE	1	
DATE OF REGISTRATION	30/03/2015	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	270984
CLASS	05-05

## 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	



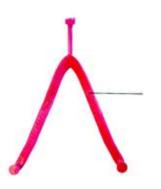
#### PRIORITY NA

DESIGN NUMBER	267451	
CLASS	02-04	

### 1)KHADIM INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT

KANKARIA ESTATE, 5TH FLOOR, 6, LITTLE RUSSELL STREET KOLKATA 700071, WEST BENGAL, INDIA

DATE OF REGISTRATION	17/11/2014	
TITLE	STRAP OF FOOTWEAR	



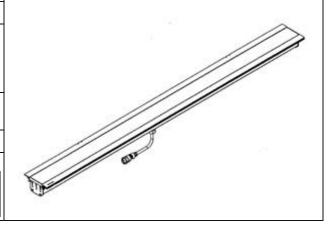
### PRIORITY NA

DESIGN NUMBER	267737	
CLASS	26-05	

### 1)LUMENPULSE LIGHTING INC., 1751 RUE RICHARDSON, SUITE 1505, MONTREAL, QC H3K 1G6, CANADA,

A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF CANADA

DATE OF REGISTRATION	26/11/2014		
TITLE	LIGHT FIXTURE		
PRIORITY	·		
PRIORITY NUMBER	DATE	COUNTRY	
29/491,980	27/05/2014	U.S.A.	

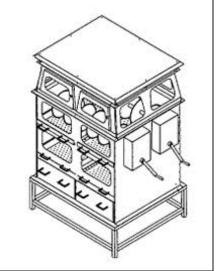


DESIGN NUMBER	268538
CLASS	09-09

### 1)SHASHI B KUMAR, N. P. SREEDHAR, Y. S. NAGENDRA,

SUITE 'A', LAKE VIEW FARM, VARTHUR ROAD, SIDDHAPURA, BANGALORE-560066, KARNATAKA, INDIA

DATE OF REGISTRATION	31/12/2014	
TITLE	COMPOST RECYCLE BIN	



### PRIORITY NA

DESIGN NUMBER 270704		
<b>CLASS</b> 07-01		
INCORPORATED IN INDIA HA BUSINESS AT	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 RECISTRATION 30/03/2015		

DATE OF REGISTRATION	30/03/2015
TITLE	PLATTER

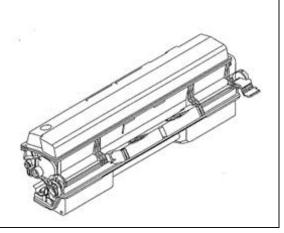


### PRIORITY NA

2014-014997

DESIGN NUMBER	268167	
CLASS	14-02	
1)RICOH COMPANY, LTD., 3-6, NAKAMAGOME 1-CHO A JAPANESE CORPORATION	3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555, JAPAN	
DATE OF REGISTRATION	12/12/2014	
TITLE	POWDER CONTAINER OF IMAGE FORMING APPARATUS	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

09/07/2014



JAPAN

DESIGN NUMBER			270003	
CLASS			14-03	-
1)LG ELECTRONICS INC., 12 SEOUL, 150-721, REPUBLIC OF A CORPORATION INCORPORO KOREA	F KOREA,		NGDEUNGPO - GU,	
DATE OF REGISTRATION		02	2/03/2015	
TITLE		MOE	BILE PHONE	
PRIORITY				
PRIORITY NUMBER	DATE	COUNT	TRY	
30-2014-0042880	02/09/2014	REPUB	LIC OF KOREA	
DESIGN NUMBER			251051	
CLASS			09-03	The state of the s
1)MR. IFTEKHAR AHMED., A 204, S. C. M. ROAD, BHANG. DIST. HOOGHLY, PIN-712222, S	AGARA, JORA	ASTHÁTA	LA, P.O. BHAIDYABATI,	
DATE OF REGISTRATION		21/01/2013		The second second
TITLE		CONTAINER		
PRIORITY NA				
DESIGN NUMBER			266862	
CLASS			20-02	
1)KENT GIDA MADDELERI S CUMHURIYET MAHALLESI 41400, TURKEY				
DATE OF REGISTRATION		2	1/10/2014	
TITLE DISPLAY EQUIPMENT		Y EQUIPMENT		
PRIORITY PRIORITY NUMBER 002451302-0004	DAT 23/04	E 1/2014	COUNTRY OHIM	LAN

DESIGN NUMBER	267120
CLASS	26-05
CLASS	26-05

### 1) GREENLIGHT PLANET INDIA PRIVATE LIMITED,

1ST FLOOR, MATHURADAS MILLS COMPOUND, N.M. JOSHI MARG, LOWER PAREL, MUMBAI-400013

DATE OF REGISTRATION	30/10/2014
TITLE	SOLAR LAMP



### PRIORITY NA

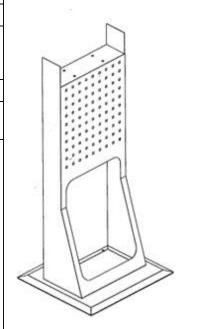
DESIGN NUMBER	267894
CLASS	08-05

### 1) WEGMANN AUTOMOTIVE GMBH & CO. KG,

RUDOLF-DIESEL-STRAßE 6, 97209 VEITSHÖCHHEIM, GERMANY,

NATIONALITY: GERMANY

DATE OF REGISTRATION	03/12/2014
TITLE	DISPENSER FOR WHEEL BALANCING WEIGHTS FOR AUTOMOBILE



### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002477877-0003	06/06/2014	OHIM

DESIGN NUMBER	267380		
CLASS	12-08		
1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW, OF 85045 INGOLSTADT, GERMANY			
DATE OF REGISTRATION	COF REGISTRATION 14/11/2014		
TITLE	MOTOR VEHICLE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002466136-0001	19/05/2014	OHIM	



DESIGN NUMBER	270418
CLASS	02-02
1)HEMANT HINGARH (INDIAN NATIONAL) OF A/601-603 DEV DARSHAN OLD NAGARDAS ROAD	

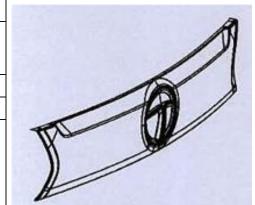
A/601-603, DEV DARSHAN, OLD NAGARDAS ROAD, ANDHERI (EAST), MUMBAI-400069, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/03/2015
TITLE	RAINSUIT



### PRIORITY NA

DESIGN NUMBER	269958	
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	27/02/2015	
TITLE	TAILGATE CHROME OF A VEHICLE	



### PRIORITY NA

DESIGN NUMBER	270792
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	30/03/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	2	70974	
CLASS	1	05-05	斯达斯波斯主
1)MR. SIDDHARATH BINDRA (I CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAL DELHI-110074	•		
DATE OF REGISTRATION	06/	04/2015	Property of the
TITLE	TEXTI	LE FABRIC	年本本本 · · · · · · · · · · · · · · · · · ·
PRIORITY NA			
DESIGN NUMBER	2	267545	
CLASS		25-01	
1)ROXTEC AB, A SWEDISH JOIN PO BOX 540 (STREET ADDRESS SWEDEN			
DATE OF REGISTRATION	21/	11/2014	
TITLE	FRAME FOR S	SEALING CABLES	
PRIORITY			9/6/
PRIORITY NUMBER	DATE	COUNTRY	
002485664	18/06/2014	OHIM	0
DECICN NUMBER			~
DESIGN NUMBER CLASS	267711 10-04		
1)DR. BHUSHAN TRYAMBAK PA D-2/0:2, SECTOR-10, AIROLI, NAV POTADAR HAVING ADDRESS C/O OFFICER'S QUARTERS, TOLANI MUMBAI-400093, AND DR. BALKH ADDRESS A-001, NAVSMIT CHS LTD, P & 421204, ALL INDIAN NATIONALS	T MÚMBAI-400708, ON D, VIVEK POTADAR, S NAKA SHERE-PUNJA RISHNA EKNATH NAI	NKAR VIRUPAX 5/284, SYNDICATE BANK B, ANDHERI EAST, RKHEDE HAVING	I
DATE OF REGISTRATION	26/	26/11/2014	
	1	-	

IMAGE ACQUISITION DEVICE FOR SPUR

**GEARS** 

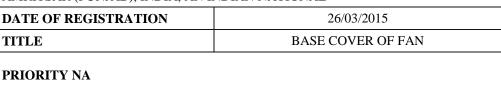
TITLE

DESIGN NUMBER	270589
CLASS	23-04

#### 1)RAJ MAHAJAN,

H. NO. 4939, MOHAN NAGAR, NEAR POST OFFICE, SULTANWIND RAOD, AMRITSAR (PUNJAB), INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	26/03/2015
TITLE	BASE COVER OF FAN



### DESIGN NUMBER

DESIGN NUMBER	271025
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC

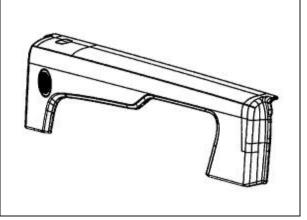


### PRIORITY NA

DESIGN NUMBER	270045
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	02/03/2015
TITLE	REAR DOOR UPPER TRIM OF A VEHICLE



DESIGN NUMBER	270635
CLASS	12-16

### 1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS

UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/03/2015
TITLE	GUARD BUMPER
DD TO D TO TAKE	

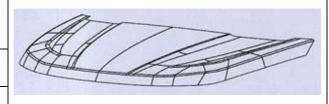


### PRIORITY NA

DESIGN NUMBER	269933
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	27/02/2015
TITLE	HOOD OF A VEHICLE



#### PRIORITY NA

DESIGN NUMBER	267159
CLASS	12-16

### 1)JNS INSTRUMENTS LIMITED (A REGISTERED INDIAN COMPANY HAVING A REGISTERED LEAL ADDRESS OF G.I.48, G T KARNAL ROAD INDUSTRIAL AREA, DELHI, INDIA),

RAJESH SINGH, RAHUL KUMAR, ISHWAR SINGH, AND ARUN KUMAR SHARMA

DATE OF REGISTRATION	03/11/2014
TITLE	FUEL UNIT ASSEMBLY FOR TWO WHEELERS



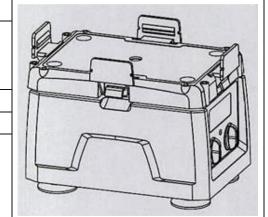
DESIGN NUMBER CLASS 24-01  DCARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF GÖSCHWITZER STRASSE 51-52, 07745 JENA, GERMANY  DATE OF REGISTRATION 14/11/2014  TITLE DEVICE FOR EYE DIAGNOSIS  PRIORITY PRIORITY NUMBER DATE COUNTRY 402014201482-0002 15/05/2014 GERMANY  DESIGN NUMBER 270422  CLASS 03-01  DNAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.O.P.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, NIDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION 18/03/2015  TITLE BASKET  PRIORITY NA  DESIGN NUMBER 270696 CLASS 07-03  DMA 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 30/03/2015  TITLE CHEESE SPREADER			
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF GÖSCHWITZER STRASSE 51-52, 07745 JENA, GERMANY  DATE OF REGISTRATION  14/11/2014  TITLE  DEVICE FOR EYE DIAGNOSIS  PRIORITY  PRIORITY NUMBER  DATE  COUNTRY  402014201482-0002  15/05/2014  GERMANY  DESIGN NUMBER  270422  CLASS  03-01  1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP. SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION  18/03/2015  TITLE  BASKET  DESIGN NUMBER  270696  CLASS  07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA  DATE OF REGISTRATION  30/03/2015	MBER	267391	
UNDER THE LAWS OF GERMANY, OF GÖSCHWITZER STRASSE 51-52, 07745 JENA, GERMANY  DATE OF REGISTRATION  14/11/2014  TITLE  DEVICE FOR EYE DIAGNOSIS  PRIORITY  PRIORITY NUMBER  DATE  COUNTRY  402014201482-0002  15/05/2014  GERMANY  DESIGN NUMBER  270422  CLASS  03-01  1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP. SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION  18/03/2015  TITLE  BASKET  DESIGN NUMBER  270696  CLASS  07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA  DATE OF REGISTRATION  30/03/2015		24-01	
DATE OF REGISTRATION  ITITLE  DEVICE FOR EYE DIAGNOSIS  PRIORITY  PRIORITY NUMBER  DATE  COUNTRY  402014201482-0002  DESIGN NUMBER  CLASS  D3-01  I)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, JOAMAN. 396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION  DESIGN NUMBER  CLASS  D7-03  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  30/03/2015	E LAWS OF GERMANY, OF		TING
PRIORITY PRIORITY NUMBER DATE COUNTRY 402014201482-0002 15/05/2014 GERMANY  DESIGN NUMBER 270422 CLASS 03-01  1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION 18/03/2015  TITLE BASKET  PRIORITY NA  DESIGN NUMBER 270696 CLASS 07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA DATE OF REGISTRATION 30/03/2015			
PRIORITY NUMBER  do not be a company of the country		EVICE FOR EYE DIAGNOSIS	
PRIORITY NUMBER  #402014201482-0002  DESIGN NUMBER  #505/2014  DESIGN NUMBER  #506/2015  DESIGN NUMBER  #506/2016  DESIGN			
DESIGN NUMBER  CLASS  03-01  1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION IERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION  18/03/2015  ITTLE  BASKET  DESIGN NUMBER  270696  CLASS  07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA DATE OF REGISTRATION  30/03/2015	TUMBER DA	COUNTRY	
CLASS  03-01  1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION  18/03/2015  TITLE  BASKET  PRIORITY NA  DESIGN NUMBER  270696  CLASS  07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA  DATE OF REGISTRATION  30/03/2015	32-0002 15	2014 GERMANY	
1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION ITERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS DATE OF REGISTRATION  18/03/2015  ITTLE  BASKET  DESIGN NUMBER  270696  CLASS  07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA DATE OF REGISTRATION  30/03/2015	MBER	270422	
CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS  DATE OF REGISTRATION  DESIGN NUMBER  CLASS  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  30/03/2015		03-01	
PRIORITY NA  DESIGN NUMBER CLASS 07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA  DATE OF REGISTRATION 30/03/2015	ES) DAMAN, INDIA, PARTNERSHIP FIRM, WHOSE I CHDEV & KISHOR MALIK, AL	TNERS ARE RUPA SACHDEV, IDIAN NATIONALS	
PRIORITY NA  DESIGN NUMBER  CLASS  07-03  1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA  DATE OF REGISTRATION  30/03/2015	EGISTRATION		
CLASS  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  30/03/2015	(A		FloraLiffora
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 30/03/2015	MBER	270696	
INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA  DATE OF REGISTRATION 30/03/2015		07-03	
	ING ITS PRINCIPAL PLACE (	BUSINESS AT	IN
TITLE CHEESE SPREADER	EGISTRATION	30/03/2015	
		CHEESE SPREADER	
PRIORITY NA	IGN INDIA PRIVATE LIMITE ING ITS PRINCIPAL PLACE OF CTOR-80, PHASE-II, NOIDA-201 EGISTRATION	07-03 A COMPANY INCORPORATE BUSINESS AT , U.P. INDIA 30/03/2015	IN

DESIGN NUMBER	269535
CLASS	24-01

### 1)NEUATION TECHNOLOGIES PRIVATE LIMITED, HAVING NATIONALITY OF INDIA OF THE ADDRESS

PLOT #16, GIDC ELECTRONIC SEZ, KOLAVADA ROAD, SECTOR #26, GANDHINAGAR-382026, GUJARAT, INDIA

DATE OF REGISTRATION	12/02/2015
TITLE	MICROPLATE SHAKER DEVICE



#### PRIORITY NA

DESIGN NUMBER 270983	
<b>CLASS</b> 05-05	
1)MD CIDDIADATH DINIDDA (INDIAN INHADITANTE) CIO I ATTE CHDI CATIC	

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	267734
CLASS	09-01

### 1)WEENER EMPIRE PLASTICS LIMITED, AN INDIAN COMPANY OF 19A, MIRA CO-OPERATIVE INDUSTRIAL ESTATE, WESTERN EXPRESS HIGHWAY, MIRA ROAD (E) 401104, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/11/2014
TITLE	BOTTLE WITH CAP

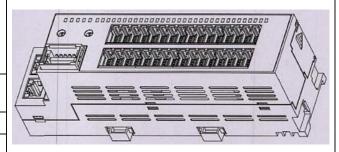


DESIGN NUMBER	270448
CLASS	13-03

1)MITSUBISHI ELECTRIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS

7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO-1008310, JAPAN

DATE OF REGISTRATION		19/03/2	015
TITLE E		ELECTRIC SIGN	NAL RELAY
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
2014-027131		04/12/2014	JAPAN



DESIGN NUMBER	270701
CLASS	07-03

### 1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	30/03/2015
TITLE	SERVER



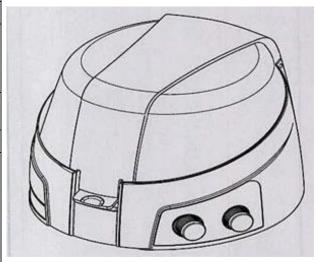
#### PRIORITY NA

DESIGN NUMBER	269540
CLASS	24-01
1)NEUATION TECHNOLOGIES PRIVATE LIMITED, HAVING	

1)NEUATION TECHNOLOGIES PRIVATE LIMITED, HAVING NATIONALITY OF INDIA OF THE ADDRESS

PLOT #16, GIDC ELECTRONIC SEZ, KOLAVADA ROAD, SECTOR #26, GANDHINAGAR-382026, GUJARAT, INDIA

DATE OF REGISTRATION	12/02/2015
TITLE	CENTRIFUGE DEVICE



DESIGN NUMBER	269280
CLASS	12-08

### 1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW OF

AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY

DATE OF REGISTRATION	04/02/2015
TITLE	CAR



ı	MOMI I		
l	PRIORITY NUMBER	DATE	COUNTRY
l	002515411-0001	06/08/2014	OHIM



DESIGN NUMBER	270988
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



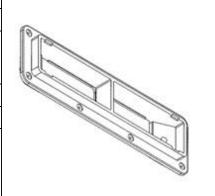
### PRIORITY NA

DESIGN NUMBER	267543
CLASS	25-01

### 1)ROXTEC AB, A SWEDISH JOINT STOCK COMPANY, OF

PO BOX 540 (STREET ADDRESS: ROMBVÄGEN 2) SE-37123 KARLSKRONA, SWEDEN

DATE OF REGISTRATION		21/11/2	2014
TITLE		FRAME FOR SEA	LING CABLES
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
002485664		18/06/2014	OHIM



DESIGN NUMBER	267254
CLASS	26-03

### 1)NITIN R. SHENOY, INDIAN NATIONAL,

602, JALTARANG, LOKPURAM, DR. GLADYS ALVARES ROAD, OFF. POKHRAM ROAD NO.2, THANE (W)-400601, MAHARASHTRA, INDIA

DATE OF REGISTRATION	07/11/2014
TITLE	PUBLIC LIGHTING FIXTURE



### PRIORITY NA

DESIGN NUMBER	270585
CLASS	08-06

## 1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT AND INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT-

6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360002-GUJARAT-(INDIA)

DATE OF REGISTRATION	26/03/2015
TITLE	HANDLE



#### PRIORITY NA

DESIGN NUMBER	270708
CLASS	11-02
1021	

### 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	30/03/2015
TITLE	WALL ORNAMENT



DESIGN NUMBER	271023
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	266484
CLASS	15-02

1)PATEL RAHUL AMRUTBHAI, PATEL AMRUTBHAI SOMABHAI, PATEL KANTABEN AMRUTBHAI, PATEL KINJALBEN RAHULBHAI ALL PARTNERS OF M/S. LAXMI TUBEWELL & PUMP INDUSTRIES, AN INDIAN PARTNERSHIP FIRM HAVING ADDRESS AT

28, GIDC, B/H. RAJKAMAL PETROL PUMP, HIGHWAY ROAD, MEHSANA, GUJARAT, INDIA

PDY O DYMY AVA	
TITLE	MUD PUMP
DATE OF REGISTRATION	08/10/2014



#### PRIORITY NA

DESIGN NUMBER	267140
CLASS	12-05

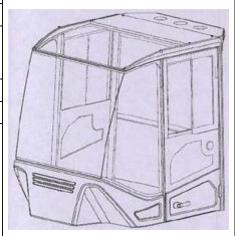
### 1)KONECRANES PLC, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FINLAND, OF THE ADDRESS

KONEENKATU 8, 05830 HYVINKÄÄ, FINLAND

DATE OF REGISTRATION	31/10/2014
TITLE	LIFT TRUCK CABIN



PRIORITY NUMBER DATE COUNTRY	
002462820-0001 13/05/2014 OHIM	



DESIGN NUMBER	267621
CLASS	11-01

### 1)FARAH KHAN ALI, RESIDING AT: 101, SANJAY PLAZA, A.B. NAIR ROAD, JUHU, MUMBAI 400049,

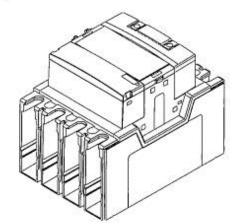
MAHARASHTRA, INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	21/11/2014
TITLE	FINGER RING



### PRIORITY NA

268130	
13-03	
1)ABB AB, A SWEDISH COMPANY OF KOPPARBERGSVÄGEN 2, 721 83 VÄSTERÅS, SWEDEN	
11/12/2014	
CONTACTOR	



### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002483461-0001	16/06/2014	OHIM

DESIGN NUMBER	270421
CLASS	09-01

## 1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA,

INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS

DATE OF REGISTRATION	18/03/2015
TITLE	BOTTLE



DESIGN NUMBER	270695
CLASS	11-02

## 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	30/03/2015
TITLE	CENTREPIECE



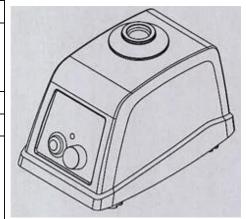
#### PRIORITY NA

DESIGN NUMBER	269534
CLASS	24-01

### 1)NEUATION TECHNOLOGIES PRIVATE LIMITED, HAVING NATIONALITY OF INDIA OF THE ADDRESS

PLOT #16, GIDC ELECTRONIC SEZ, KOLAVADA ROAD, SECTOR #26, GANDHINAGAR-382026, GUJARAT, INDIA

DATE OF REGISTRATION	12/02/2015
TITLE	VORTEX MIXER DEVICE



#### PRIORITY NA

DESIGN NUMBER	270794
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 HANDIMAN SILK MILL COMPOUND, KANDIDMAN OF (WEST)

SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	30/03/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	270982
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



### PRIORITY NA

DESIGN NUMBER	265808
CLASS	24-04

# 1)3M INNOVATIVE PROPERTIES COMPANY, A COMPANY INCORPORATED IN THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL,

MINNESOTA 55133-3427, U.S.A.

DATE OF REGISTRATION	17/09/2014
TITLE	DRESSING FOR SECURING ENDOTRACHEAL TUBE



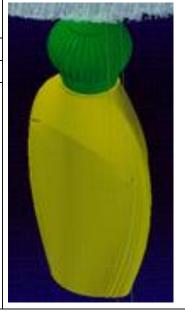
### PRIORITY NA

DESIGN NUMBER	201183
CLASS	09-01

### 1)BLACK GOLD EXPLORATION PVT. LTD,

BARODA-JAMBUSAR N.HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	01/09/2005
TITLE	CONTAINER

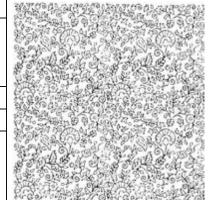


DESIGN NUMBER	268195
CLASS	05-03

### 1)SABYASACHI COUTURE, 86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA.

AN INDIAN PARTNERSHIP CONCERN WHOSE PARTNERS ARE SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE

DATE OF REGISTRATION	15/12/2014
TITLE	SHERWANI EMBROIDERY



#### PRIORITY NA

DESIGN NUMBER	268441
CLASS	23-04

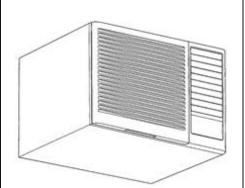
### 1)LG ELECTRONICS INC.,

128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, KOREA; NATIONALITY: REPUBLIC OF KOREA

DATE OF REGISTRATION	26/12/2014			
TITLE	AIR CONDITIONER			



PRIORITY NUMBER	DATE	COUNTRY
30-2014-0036434	24/07/2014	REPUBLIC OF KOREA



DESIGN NUMBER	270633		
CLASS	12-16		

### 1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS

UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/03/2015			
TITLE	GUARD BUMPER			
PRIORITY NA				



DESIGN NUMBER	269928			
CLASS	23-01			

### 1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES **UNDER COMPANY NO. 41424 OF**

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION	27/02/2015			
TITLE	WATER PURIFICATION AND DISPENSING DEVICE			



### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002528869-0001	01/09/2014	OHIM

DESIGN NUMBER	269387 08-06		
CLASS			
4) 6774 3777 474 3777 474 477 477 477 477 47			

### 1)CHANDRAKANTBHAI RANCHODBHAI RANGANI (ADULT AND INDIAN NATIONALS) HAVING PLACE OF BUSINESS AT-

OPP: MILLAN BHEL, 50 FEET MAIN ROAD, KOTHARIYA ROAD, NR. SORATHIYAWADI CIRCLE, RAJKOT-360 002-GUJARAT-(INDIA)

DATE OF REGISTRATION	09/02/2015				
TITLE	HANDLE				
DDIODITY NA					



#### PRIORITY NA

PRIORITY NA

DESIGN NUMBER	270966				
CLASS	05-05				

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			



### The Patent Office Journal 21/08/2015

DESIGN NUMBER		267183				
CLASS		12-08				
1)HYUNDAI MOTOR COM EXISTING UNDER THE LAV 12, HEOLLEUNG-RO, SEO KOREA	VS OF	REPUB	BLIC OF KOREA,	OF		
DATE OF REGISTRATION			03/11/2014		8	
TITLE			CAR		1	
PRIORITY						0
PRIORITY NUMBER	DATE		COUNTRY			_
30-2014-0030687	23/06/2	2014	REPUBLIC OF I	KOREA		
DESIGN NUMBER			268	944		
CLASS			13-	03		
1)SIEMENS AKTIENGESE WITTELSBACHERPLATZ COMPANY				Y, A GERMAN		
DATE OF REGISTRATION			19/01	/2015		
TITLE		SIGNALING DEVICES FOR LOW-VOLTAGE SWITCHGEARS		AGE		
PRIORITY		1				
PRIORITY NUMBER	PRIORITY NUMBER		ATE	COUNTRY		
001418172		24	24/07/2014 OHIM			
DESIGN NUMBER		270425				
CLASS		14-03				
1)GURJEET SINGH (AN IN TRADE LINKS (A PROPRIE 1767/68, 2ND FLOOR, S. P.	TORSE	HP CO	NCERN),		10006	A TR
DATE OF REGISTRATION		18/03/2015				
TITLE		TELEPHONE JACK				

DESIGN NUMBER	270698
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	30/03/2015
TITLE	LID



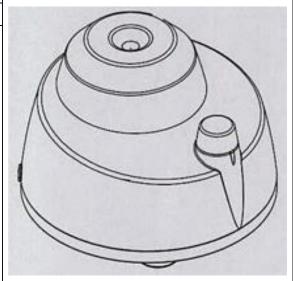
### PRIORITY NA

DESIGN NUMBER	269537
CLASS	24-01

### 1)NEUATION TECHNOLOGIES PRIVATE LIMITED, HAVING NATIONALITY OF INDIA OF THE ADDRESS

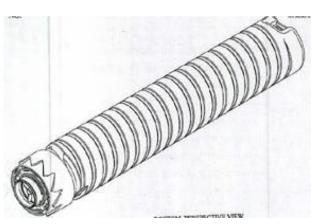
PLOT #16, GIDC ELECTRONIC SEZ, KOLAVADA ROAD, SECTOR #26, GANDHINAGAR-382026, GUJARAT, INDIA

DATE OF REGISTRATION	12/02/2015
TITLE	MIXER



DESIGN NUMBER	269695	
CLASS	14-02	
1)RICOH COMPANY, LTD., 3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555, JAPAN, A JAPANESE CORPORATION		
DATE OF REGISTRATION	19/02/2015	

112 010 114111011			
TITLE	P	POWDER CONTAINER OF IMAGE FORMING APPARATUS	
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
2014-024051		28/10/2014	JAPAN



DESIGN NUMBER	270985
CLASS	05-05

## $1) MR. \, SIDDHARATH \, BINDRA \, (INDIAN INHABITANT) \, S/O \, LATE \, SHRI \, SATISH \, CHANDER \, BINDRA,$

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



### PRIORITY NA

DESIGN NUMBER	266840	
CLASS	03-01	
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD-380007, GUJARAT, HAVING NATIONALITY AS INDIAN		
DATE OF REGISTRATION 20/10/2014		
TITLE	BAG	



### PRIORITY NA

DESIGN NUMBER	268252
CLASS	07-01
1)M/S MARVELLOUS HANDICRAFTS, CORPORATION, BARWALAN STREET, MORADABAD, 244001, UTTAR PRADESH, INDIAN	
DATE OF REGISTRATION	17/12/2014
TITLE	BOWL



DESIGN NUMBER	267821
CLASS	24-02

#### 1)HOYA CORPORATION,

7-5 NAKA-OCHIAI 2-CHOME, SHINJUKU-KU, TOKYO 161-8525, JAPAN, NATIONALITY-JAPAN

DATE OF REGISTRATION	28/11/2014
TITLE	ENDOSCOPE PROCESSOR



#### PRIORITY NA

DESIGN NUMBER	267360
CLASS	15-09
1) 000000000000000000000000000000000000	

## 1)GRIND MASTER MACHINES PVT. LTD., AN INDIAN COMPANY HAVING ADDRESS AS

B-10/B-11/B-14, RAILWAY STATION MIDC, AURANGABAD-431005 MAHARASHTRA, INDIA

DATE OF REGISTRATION	13/11/2014
TITLE	DEBURRING MACHINE FOR GEARS



#### PRIORITY NA

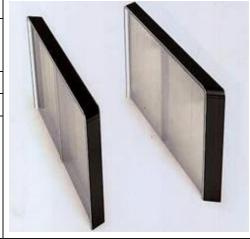
DESIGN NUMBER 260294	
CLASS	25-02
1)KONE CORPORATION, A COMPANY ORGANIZED AND EXISTING	
UNDER THE LAWS OF FINLAND,	
OF THE ADDRESS KARTANONTIE 1 00330 HEI SINKI FINI AND	

OF THE ADDRESS KARTANONTIE 1, 00330 HELSINKI, FINLAND

TITLE ACCESS GATE SIDE WALL (SET)	



PRIORITY NUMBER	DATE	COUNTRY
002318030-0002	30/09/2013	OHIM
		_

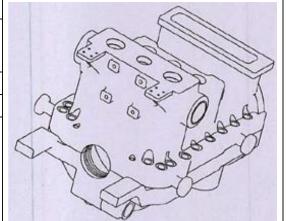


DESIGN NUMBER	270213
CLASS	15-01

## 1)TRIVENI TURBINE LIMITED, AN INDIAN COMPANY HAVING ITS PLACE OF BUSINESS AT

12A, PEENYA INDUSTRIAL AREA, BANGLORE-560058

DATE OF REGISTRATION	09/03/2015
TITLE	STEAM CASING OF A STEAM TURBINE



#### PRIORITY NA

DESIGN NUMBER	270638
CLASS	12-16

### 1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS

UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/03/2015
TITLE	GUARD BUMPER
IIILE	GUARD BUNI ER



#### PRIORITY NA

DESIGN NUMBER	269762
CLASS	23-01
1)ODI DI AST I IMITED AN INDIAN COMPANY OF	

#### 1)ORI-PLAST LIMITED, AN INDIAN COMPANY OF

40, STRAND ROAD, 3RD FLOOR, ROOM NO. 9, KOLKATA-700001, WEST BENGAL, INDIA

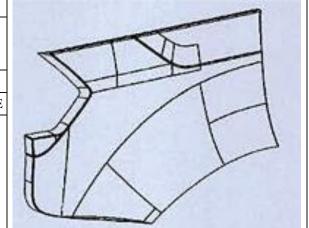
DATE OF REGISTRATION	23/02/2015
TITLE	LEAKPROOF RING



DESIGN NUMBER	269950
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 R	EGISTRATION	27/02/2015
TITLE		REAR OUARTER PANEL OF A VEHICLE



#### PRIORITY NA

DESIGN NUMBER	256555
CLASS	07-04

#### 1)AMAR NATH BANSAL,

30/44A, STREET NO. 09, VISHWAS NAGAR, SHAHDARA, NEW DELHI-110032, INDIA, INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	18/09/2013
TITLE	VEGETABLE CURLER



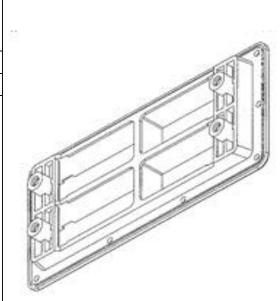
#### PRIORITY NA

DESIGN NUMBER	267547
CLASS	25-01

#### 1)ROXTEC AB, A SWEDISH JOINT STOCK COMPANY, OF PO BOX 540 (STREET ADDRESS: ROMBVÄGEN 2) SE-37123

KARLSKRONA, SWEDEN

DATE OF REGISTRATION	21/11/2014
TITLE	FRAME FOR SEALING CABLES



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002485664	18/06/2014	OHIM

DESIGN NUMBER	268662
CLASS	28-02

#### 1)NISHAD M.S.,

THANDANKANDIYIL HOUSE, J. T. ROAD, VADAKARA, KOZHIKODE DISTRICT, KERALA PIN 673101

DATE OF REGISTRATION	06/01/2015
TITLE	SOAP FOR HAND WASH



#### PRIORITY NA

CLASS 09-01	

### 1)MR. ANAND GUTGUTIA, AN INDIAN NATIONAL BEING THE PROPRIETOR OF M/S. A. R. AGRO INDUSTRIES OF

BY PASS ROAD, GILAN PARA, DUMKA, DIST.-DUMKA-814101, JHARKHAND, INDIA

DATE OF REGISTRATION	26/03/2015
TITLE	BOTTLE



#### PRIORITY NA

DESIGN NUMBER	271027	
CLASS	05-05	
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH		

## 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER		265720	
CLASS		23-01	122
1)MASCO CORPORATION OF THE ADDRESS 55 EAST 111TH STREET, INDI	,	,	OF
DATE OF REGISTRATION	16	5/09/2014	
TITLE	FAUC	ET HANDLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/488,868	24/04/2014	U.S.A.	
DESIGN NUMBER		201169	
CLASS		09-01	
BARODA-JAMBUSAR N.HIGH 391440, DIST. BARODA (GUJARA	I WAY ROAD, AT & I	PO. DABHASA, TA. PAI	DRA-
DATE OF REGISTRATION		01/09/2005	
TITLE		CONTAINER	
PRIORITY NA			
DESIGN NUMBER		267549	
CLASS		25-01	
1)ROXTEC AB, A SWEDISH JO PO BOX 540 (STREET ADDRE SWEDEN			JA,
DATE OF REGISTRATION		21/11/2014	
TITLE	PART OF FRAI	ME FOR SEALING CAB	LES
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	4

OHIM

18/06/2014

002485664

DESIGN NUMBER	267301	
CLASS	10-04	
1)MR. RAJNISH HANDA, AN INDIAN NATIONAL, D-101, MANSAROVER GARDEN, DELHI-110015		
DATE OF REGISTRATION	10/11/2014	
TITLE	REMOTE CONTROLER OF DIGITAL THERAP MACHINE	



#### PRIORITY NA

DESIGN NUMBER CLASS	270630 12-16
43-5- 64-5	(DIDITION AND ADDRESS

### 1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS

UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/03/2015
TITLE	GUARD BUMPER
DDIODITY NA	



#### PRIORITY NA

DESIGN NUMBER	271029
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074.

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	266838	
CLASS	26-99	
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD-380007, GUJARAT, HAVING NATIONALITY AS INDIAN		
DATE OF REGISTRATION	20/10/2014	
TITLE	ELECTRICAL SOCKET	



#### PRIORITY NA

DESIGN NUMBER	268251	
CLASS	07-01	
1)M/S MARVELLOUS HANDICRAFTS.		

CORPORATION, BARWALAN STREET, MORADABAD, 244001,UTTAR PRADESH, INDIAN

DATE OF REGISTRATION	17/12/2014
TITLE	BOWL



#### PRIORITY NA

DESIGN NUMBER	267359	
CLASS	15-09	
1)CDIND MASTED MACHINES DUT 1 TD AN INDIAN COMPANY		

### HAVING ADDRESS AS

B-10/B-11/B-14, RAILWAY STATION MIDC, AURANGABAD-431005 MAHARASHTRA, INDIA

DATE OF REGISTRATION	13/11/2014
TITLE	FINISHING MACHINE FOR TRANSMISSION PARTS



CLASS 25-02	DESIGN NUMBER	260293
25 02	CLASS	25-02

## 1)KONE CORPORATION, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FINLAND,

OF THE ADDRESS KARTANONTIE 1, 00330 HELSINKI, FINLAND

DATE OF REGISTRATION	12/02/2014
TITLE	ACCESS GATE (SET)



PRIORITY NUMBER	DATE	COUNTRY
002318030-0001	30/09/2013	OHIM



DESIGN NUMBER	270180
CLASS	11-02

#### 1)SH. SIDHARTH MALHOTRA,

4524, GALI JATAN, PAHARI DHIRAJ, SADAR BAZAR, DELHI-110006, (INDIA) AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	09/03/2015
TITLE	FLOWER POT



#### PRIORITY NA

DESIGN NUMBER	270637
CLASS	12-16

#### 1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/03/2015
TITLE	GUARD BUMPER

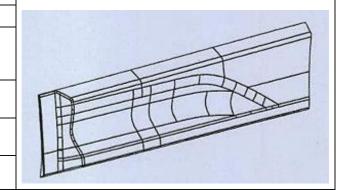


DESIGN NUMBER	269947
CLASS	12-16

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF	27/02/2015
REGISTRATION	27/02/2013

TITLE REAR DOOR CLADDING OF A VEHICLE



#### PRIORITY NA

DESIGN NUMBER	256554
CLASS	07-04

#### 1)AMAR NATH BANSAL,

30/44A, STREET NO. 09, VISHWAS NAGAR, SHAHDARA, NEW DELHI-110032, INDIA, INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	18/09/2013
TITLE	SPIRAL CUTTER



#### PRIORITY NA

DESIGN NUMBER	270788
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	30/03/2015	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	240118
CLASS	02-03
1)GAURAV KUMAR	

1579, SECTOR-13, URBAN ESTATE KURUKSHETRA-136118, HARYANA, INDIA

DATE OF REGISTRATION	12/10/2011
TITLE	POLICE HAT/CAP

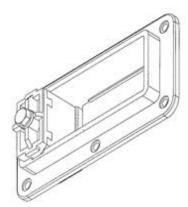


#### PRIORITY NA

DESIGN NUMBER	267546
CLASS	25-01
1)ROXTEC AR A SWEDISH JOINT STOCK COMPANY OF	

PO BOX 540 (STREET ADDRESS: ROMBVÄGEN 2) SE-37123 KARLSKRONA, **SWEDEN** 

DATE OF REGISTRATION	21/11/2014
TITLE	FRAME FOR SEALING CABLES



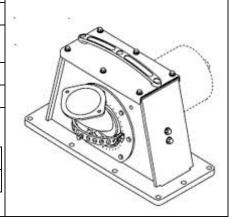
### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002485664	18/06/2014	OHIM

DESIGN NUMBER	267715
CLASS	15-09
1)SINTOKOGIO, LTD., A JAPANESE COMPANY OF	

11-11, NISHIKI 1-CHOME, NAKA-KU, NAGOYA-SHI, AICHI 4600003, JAPAN

DATE OF REGISTRATION	26/11/2014
TITLE	IMPELLER FOR SHOTBLAST APPARATUS



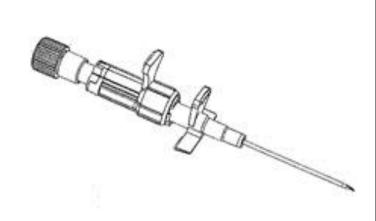
#### **PRIORITY**

11101111		
PRIORITY NUMBER	DATE	COUNTRY
2014-013145	18/06/2014	JAPAN
	•	

DESIGN NUMBER	267192
CLASS	24-02

1)NEERAJ GUPTA, AN INDIAN NATIONAL, OF 110-111, UDYOG VIHAR PHASE-4 GURGAON, HARYANA-122015, INDIA

DATE OF REGISTRATION	03/11/2014	
TITLE	INTRA VENOUS CANNULA	



#### PRIORITY NA

DESIGN NUMBER	270426
CLASS	14-03

1)GURJEET SINGH (AN INDIAN NATIONAL) TRADING AS M/S. NITCO TRADE LINKS (A PROPRIETORSHIP CONCERN),

1767/68, 2ND FLOOR, S. PAUL BUILDING, BHAGIRATH PALACE, DELHI-110006.

DATE OF REGISTRATION	18/03/2015
TITLE	TELEPHONE JACK



#### PRIORITY NA

DESIGN NUMBER	270699
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	30/03/2015
TITLE	BOWL

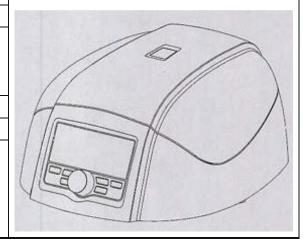


DESIGN NUMBER	269538
CLASS	24-01

### 1)NEUATION TECHNOLOGIES PRIVATE LIMITED, HAVING NATIONALITY OF INDIA OF THE ADDRESS

PLOT #16, GIDC ELECTRONIC SEZ, KOLAVADA ROAD, SECTOR #26, GANDHINAGAR-382026, GUJARAT, INDIA

DATE OF REGISTRATION	12/02/2015
TITLE	CENTRIFUGE DEVICE



#### PRIORITY NA

DESIGN NUMBER	271187	
CLASS	09-01	
1)RADICO KHAITAN LIMITED, AN INDIAN COMPANY OF PLOT NO. J-1, BLOCK B-1, MOHAN CO-OP INDUSTRIAL AREA, MATHURA ROAD, NEW DELHI-110044, INDIA		
DATE OF REGISTRATION 07/04/2015		
TITLE	BOTTLE	



#### PRIORITY NA

DESIGN NUMBER	270798
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	30/03/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	270986
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



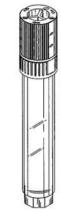
#### PRIORITY NA

DESIGN NUMBER	267477
CLASS	24-01
ANNA CHAOTHAN NAC A CANADANA COMPANY OF	

### 1)DNA GENOTEK INC., A CANADIAN COMPANY, OF

2 BEAVERBROOK ROAD, KANATA, ONTARIO K2K 1L1, CANADA

DATE OF REGISTRATION	18/11/2014
TITLE	SAMPLE COLLECTION DEVICE



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/491,961	27/05/2014	U.S.A.

DESIGN NUMBER	267740
CLASS	08-06

#### 1)TEJASBHAI MAVJIBHAI BHANDERI (ADULT AND INDIAN NATIONAL) SOLE PROPRIETOR OF BAJRANG HARDWARE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT-

PATEL NAGAR, NR. BHOJABHAGAT CHOWK, 50 FEET ROAD, RAJKOT-360002-GUJARAT-(INDIA)

DATE OF REGISTRATION	27/11/2014
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	262650		
CLASS	31-00		
1)THE CONCENTRATE MANUF INCORPORATED IN IRELAND OF CORNER HOUSE, 20 PARLIAM	F		
DATE OF REGISTRATION	10	5/05/2014	
TITLE	BEVERA	GE DISPENSER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/475,958	09/12/2013	U.S.A.	
DECICAL MILIMPER		270009	
DESIGN NUMBER			
CLASS	 	12-16	-
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 400001, MAHARASHTRA, INDIA	DY STREET, HUTATN	MA CHOWK, MUMBAI	
DATE OF REGISTRATION		2/03/2015	
TTLE REAR AIR VENT OF A VEHICLE			
PRIORITY NA			
DESIGN NUMBER	271021		
CLASS		05-05	**************************************
1)MR. SIDDHARATH BINDRA (I CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSAI DELHI-110074			
DATE OF REGISTRATION	00	5/04/2015	
TITLE	TEXT	ILE FABRIC	
PRIORITY NA			

DESIGN NUMBER	201182
CLASS	09-01

#### 1)FRENCH COSMETICS PVT. LTD.,

BARODA-JAMBUSAR N.HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	01/09/2005
TITLE	CONTAINER



#### PRIORITY NA

DESIGN NUMBER	268194
CLASS	05-03

## 1)SABYASACHI COUTURE, 86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA.

AN INDIAN PARTNERSHIP CONCERN WHOSE PARTNERS ARE SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE

DATE OF REGISTRATION	15/12/2014
TITLE	SHERWANI EMBROIDERY



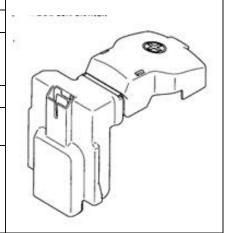
#### PRIORITY NA

DESIGN NUMBER	268436
CLASS	31-00
1)MD DAAWAAMAAWAA WAXOO ADDDOOG IO	

#### 1)MR. RAJ KHAMBHAYTA WHOSE ADDRESS IS, -

10, JAGADISH SOCIETY, NEAR GURUKRUPA SCHOOL, C.T.M., RAMOL ROAD, AHMEDABAD-380026, GUJARAT, INDIA

DATE OF REGISTRATION	26/12/2014
TITLE	AUTOMATIC BREAD AND CAKE MAKING MACHINE



DESIGN NUMBER	268902
CLASS	13-99

#### 1) ELIXIER TECH, AN INDIAN COMPANY, ADDRESS:-

315, 5/C, BALGOVINDWADI, NEW PRABHADEVI ROAD, NEAR PRABHADEVI MANDIR, NEW PRABHADEVI, MUMBAI-400025, MAHARASHTRA, INDIA

DATE OF REGISTRATION	16/01/2015
TITLE	SOLAR CHARGING UNIT



#### PRIORITY NA

DESIGN NUMBER	270632
CLASS	12-16

1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, **INDIA** 

DATE OF REGISTRATION	26/03/2015
TITLE	GUARD BUMPER
PRIORITY NA	



DESIGN NUMBER	269927
CLASS	23-01

#### 1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION		27/02/2	2015
TITLE WA		EATING AND	DISPENSING DEVICE
PRIORITY			
PRIORITY NUMBER	DATE		COUNTRY
002528836-0001	01/09/	2014	ОНІМ



NY REGISTERED C, 1956, HAVING OFFICE NAWALA ROAD, INDIA 04/2015 TOOL  271031 05-05 S/O LATE SHRI SATISH
NAWALA ROAD, INDIA 704/2015 TOOL 271031 05-05
TOOL 271031 05-05
271031 05-05
05-05
05-05
C/O I AME CHIDI CAMICH
SCHOOL, SATBARI, NEW  //04/2015  LE FABRIC
266842
06-01
TIONALITY AS INDIAN
/10/2014
SEAT

DESIGN NUMBER	267361
CLASS	15-09

## 1)GRIND MASTER MACHINES PVT. LTD., AN INDIAN COMPANY HAVING ADDRESS AS

B-10/B-11/B-14, RAILWAY STATION MIDC, AURANGABAD-431005 MAHARASHTRA, INDIA

DATE OF REGISTRATION	13/11/2014
TITLE	FINISHING MACHINE FOR ROTOGRAVURE CYLINDERS



#### PRIORITY NA

DESIGN NUMBER	260334
CLASS	31-00

#### 1)SCHOOL OF PHARMACEUTICALS SCIENCES OF

RAJIV GANDHI PROUDHYOGIKI VISHWAVIDHYALAYA, AIR PORT BUYPASS ROAD, BHOPAL (M.P.) PIN-462033

DATE OF REGISTRATION	14/02/2014
TITLE	MACHINE FOR PREPARATION OF INVITRO CHEWING TABLET



#### PRIORITY NA

DESIGN NUMBER 270416	
CLASS	02-02
1)HEMANT HINGARH (INDIAN NATIONAL) OF A/601-603, DEV DARSHAN, OLD NAGARDAS ROAD, ANDHERI (EAST), MUMBAI-400069, MAHARASHTRA, INDIA	
DATE OF REGISTRATION 18/03/2015	
TITLE	RAINSUIT



DESIG	GN NUMBER	269956
CLAS	S	12-16

### 1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA

CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF	27/02/2015
REGISTRATION	27/02/2013



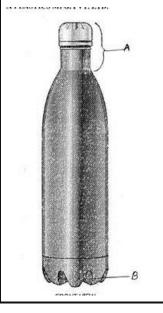


DESIGN NUMBER	241998	
CLASS	09-01	

#### 1)LIZA PLASTICS MFG. PVT. LTD.

A/15, PIRAMAL INDL. ESTATE, S. V. ROAD, GOREGAON(W), MUMBAI - 400062, MAHARASHTRA, INDIA

DATE OF REGISTRATION	02/01/2012
TITLE	BOTTLE



#### PRIORITY NA

DESIGN NUMBER	256556
CLASS	07-03

#### 1)AMAR NATH BANSAL,

30/44A, STREET NO. 09, VISHWAS NAGAR, SHAHDARA, NEW DELHI-110032, INDIA, INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	18/09/2013
TITLE	KNIFE FOR KITCHEN USE





DESIGN NUMBER	270790
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	30/03/2015
TITLE	TEXTILE FABRIC

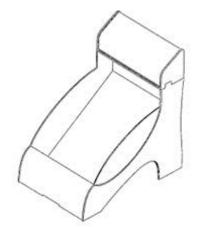


#### PRIORITY NA

DESIGN NUMBER	266861
CLASS	20-02

1)KENT GIDA MADDELERI SANAYII VE TICARET ANONIM SIRKETI OF CUMHURIYET MAHALLESI 2253, SOKAT NO. 11, ISTANBUL, GEBZE/KOCAELI, 41400, TURKEY

DATE OF REGISTRATION	21/10/2014	
TITLE	DISPLAY EQUIPMENT	



#### **PRIORITY**

ı	RIORITI		
	PRIORITY NUMBER	DATE	COUNTRY
	002451302-0001	23/04/2014	OHIM

DESIGN NUMBER	267362
CLASS	15-09

## 1)GRIND MASTER MACHINES PVT. LTD., AN INDIAN COMPANY HAVING ADDRESS AS

B-10/B-11/B-14, RAILWAY STATION MIDC, AURANGABAD-431005 MAHARASHTRA, INDIA

DATE OF REGISTRATION	13/11/2014
TITLE	POLISHING MACHINE FOR CRANKSHAFTS



DESIGN NUMBER 267890
CLASS 09-03

1) WEGMANN AUTOMOTIVE GMBH & CO. KG,

RUDOLF-DIESEL-STRAßE 6, 97209 VEITSHÖCHHEIM, GERMANY,

NATIONALITY: GERMANY

DATE OF REGISTRATION 03/12/2014

TITLE CARDBOARD BOX FOR DISPENSING OF WHEEL BALANCING WEIGHTS FOR AUTOMOBILE

**PRIORITY** 

PRIORITY NUMBER	DATE	COUNTRY
002476309-0003	04/06/2014	OHIM

DESIGN NUMBER 260335
CLASS 09-05

1)SHREE TIRUPATI BALAJEE AGRO TRADING CO. PVT. LTD (COMPANY INCORPORATED UNDER INDIAN COMPANY ACT, 1956),

321, 418, RAFAEL TOWER, 8/2, OLD PALASIA, INDORE (M.P.) PIN-452016

DATE OF REGISTRATION	14/02/2014
TITLE	BAG



#### PRIORITY NA

DESIGN NUMBER	270417
CLASS	02-02
1)HEMANT HINGARH (INDIAN NATIONAL) OF	
A/601-603, DEV DARSHAN, OLD NAGARDAS ROAD,	
ANDHERI (EAST), MUMBAI-400069, MAHARASHTRA, INDIA.	

,,	, , , , , , , , , , , , , , , , , , , ,
DATE OF REGISTRATION	18/03/2015
TITLE	RAINSUIT



DESIGN NUMBER	2699	57	
CLASS	26-0	6	
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO MUMBAI 400001, MAHARASHTRA	ODY STREET, HUTATM		
DATE OF REGISTRATION	27/02/2	015	
TITLE	TAIL LAMP OF	A VEHICLE	
PRIORITY NA			
DESIGN NUMBER	2	268367	
CLASS		13-03	
1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF 4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-0073, JAPAN			
DATE OF REGISTRATION	23	/12/2014	
TITLE	FUS	E COVER	
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		9 1111
2014-014388	88 30/06/2014 JAPAN		
DESIGN NUMBER 267544		999	
CLASS	25-01		
1)ROXTEC AB, A SWEDISH JO PO BOX 540 (STREET ADDRES SWEDEN			
DATE OF REGISTRATION	21/11/2014		
TITLE	FRAME FOR SEALING CABLES		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		6
002485664	18/06/2014 OHIM		

DESIGN NUMBER	267704
CLASS	12-16

### 1)DHOOT TRANSMISSION PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

GUT NO. 102, (PLANT II), FAROLA, PAITHAN ROAD, AURANGABAD-431102, MAHARASHTRA, INDIA

DATE OF REGISTRATION	26/11/2014
TITLE	FUEL LEVEL SENSOR



#### PRIORITY NA

DESIGN NUMBER	270586
CLASS	08-06

#### 1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT AND INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT-

6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360002-GUJARAT-(INDIA)

DATE OF REGISTRATION	26/03/2015
TITLE	HANDLE
DDIODIES NA	



#### PRIORITY NA

DESIGN NUMBER	271024
CLASS	05-05

### 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

 $\mbox{R/O}$  BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	263680
CLASS	09-01

### 1)SEVEN PEAKS WINERY PVT. LTD A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF

GAJANAN MEDICAL, SOPAN HOSPITAL, SHRI HARI KUTE MARG, TIDKE COLONY NASIK-422002 MAHARASHTRA INDIA

DATE OF REGISTRATION	25/06/2014
TITLE	BOTTLE



#### PRIORITY NA

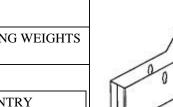
DESIGN NUMBER	267895
CLASS	08-05
1)	

#### 1)WEGMANN AUTOMOTIVE GMBH & CO. KG,

RUDOLF-DIESEL-STRAßE 6, 97209 VEITSHÖCHHEIM, GERMANY,

NATIONALITY: GERMANY

DATE OF REGISTRATION	03/12/2014
TITLE	DISPENSER FOR WHEEL BALANCING WEIGHTS FOR AUTOMOBILE



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002477877-0004	06/06/2014	OHIM

DESIGN NUMBER	268615
CLASS	09-03

#### 1)KARTIK SANGHVI AN INDIAN NATIONAL SOLE PROPRIETOR OF SHREE ARIHANT MARKETING AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

119, BHARATKHAND MILL COMPOUND, OPP. AMDUPURA BUS STOP, NEAR KALUPUR BRIDGE, AMDUPURA, AHMEDABAD, GUJARAT-INDIA

DATE OF REGISTRATION	02/01/2015
TITLE	CONTAINER
PRIORITY NA	



DESIGN NUMBER	270419
CLASS	02-02

#### 1)HEMANT HINGARH (INDIAN NATIONAL) OF

A/601-603, DEV DARSHAN, OLD NAGARDAS ROAD, ANDHERI (EAST), MUMBAI-400069, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/03/2015
TITLE	RAINSUIT



#### PRIORITY NA

DESIGN NUMBER	270694
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	30/03/2015
TITLE	NAPKIN HOLDER



#### PRIORITY NA

DESIGN NUMBER	270981
CLASS	05-05

## 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

 $\mbox{R/O}$  BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	267540
CLASS	08-03
1)MITSUBISHI HEAVY INDUSTRIES, LTD, 16-5, KONAN 2-CHOME, MINATO-KU, TOKYO, JAPAN	

DATE OF REGISTRATION	20/11/2014
TITLE	CUTTING TOOL



PRIORITY NUMBER	DATE	COUNTRY
2014-011586	30/05/2014	JAPAN

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	San Marine Marin
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DESIGN NUMBER	267750
CLASS	07-02

1)J. J. PLAST., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT 1302, KENT GARDEN, NEAR M. K. SCHOOL, TPS III, 51TH ROAD, BORIVALI (WEST), MUMBAI-400092, MAHARASHTRA, INDIA.

WHOSE PARTNERS ARE (1) JYOTI CHHEDA. (INDIAN NATIONAL), & (2) SACHIN CHHEDA. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS

DATE OF REGISTRATION	27/11/2014
TITLE	CASSEROLE
PRIORITY NA	



DESIGN NUMBER	259345
CLASS	11-01

## 1)H. K JEWELS PVT. LTD. A COMPANY REGISTERED UNDER COMPANY ACT 1956 OF

1701-A, 17TH FLOOR, THE CAPITAL BUILDING, B-WING, OPP ICICI BANK, BANDRA KURLA COMPLEX, BANDRA (E), MUMBAI-400051, INDIA.

DATE OF REGISTRATION	10/01/2014
TITLE	NECKLACE

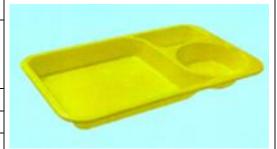


DESIGN NUMBER	268974
CLASS	07-99

## 1)MR. MAHESH S. SHETHIA, SOLE PROPERITOR OF KRUPA INDUSTRIES-AN INDIAN COMPANY,

228-B, BOMBAY TALKIES COMPOUND, MALAD (WEST), MUMBAI-400064, MAHARASHTRA, INDIA

TITLE	DATE OF REGISTRATION	20/01/2015
	TITLE	TRAY



#### PRIORITY NA

DESIGN NUMBER	271022
CLASS	05-05

## 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



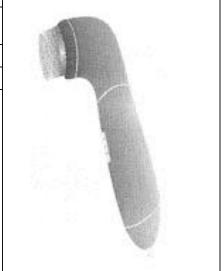
### PRIORITY NA

DESIGN NUMBER	267503	
CLASS	04-02	

#### 1)VIJAY JAIN ADDRESS

VI NUNDY STREET, KOLKATA-700019 NATIONALITY INDIAN

DATE OF REGISTRATION	19/11/2014	
TITLE	BRUSH FOR INSTA POLISH	



<b>CLASS</b> 18-04	DESIGN NUMBER	267663
	CLASS	18-04

### 1)LION PICTURE & FRAMES (INDIA) LTD. AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT

1, B. K. AVENUE, KOLKATA- 700 005, WEST BENGAL

DATE OF REGISTRATION	24/11/2014	
TITLE	GUILLOTINE FOR CUTTING BOARDS	



#### PRIORITY NA

DESIGN NUMBER	267736
CLASS	26-05

#### 1)LUMENPULSE LIGHTING INC.,

1751 RUE RICHARDSON, SUITE 1505, MONTREAL, QC H3K 1G6, CANADA, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF CANADA

DATE OF REGISTRATION		26/11/2014		
TITLE		LIGHT FIXTURE		
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/491,980		27/05/2014	U.S.A.	



DESIGN NUMBER	268878	
CLASS	06-04	

# 1)WIM PLAST LIMITED, A PUBLIC LIMITED COMPANY REGISTERED UNDER THE PROVISIONS OF COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT

1ST FLOOR, CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	15/01/2015	
TITLE	CABINET	



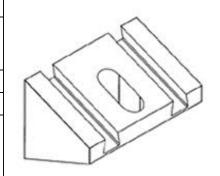
Г		1		
DESIGN NUMBER		270703		
CLASS			07-03	
1)MA DESIGN INDIA F INDIA HAVING ITS PRI A-41, SECTOR-80, PHA	NCIPAL I	PLACE O		D IN
DATE OF REGISTRATION	ON		30/03/2015	
TITLE			KNIFE	and the same of th
PRIORITY NA				A STANDARD OF THE STANDARD OF
DESIGN NUMBER			270002	
CLASS			14-99	-
1) <b>SAMSUNG ELECTRO</b> 129, SAMSUNG-RO, Y REPUBLIC OF KOREA; N	EONGTO	NG-GU, S	UWON-SI, GYEONGGI-DO, 443-74	42,
DATE OF REGISTRATION	ON		02/03/2015	
TITLE		STAND FOR TELEVISION		
PRIORITY	•			
PRIORITY NUMBER	DA	ГЕ	COUNTRY	
30-2014-0043426	04/0	9/2014	REPUBLIC OF KOREA	
DESIGN NUMBER			201181	
CLASS	ASS 09-01			
INCORPORATED UNDE	R THE CO	OMPANII WAY ROA	NDIAN NATIONAL COMPANY ES ACT, 1956 AD, AT & PO. DABHASA, TA. PAD	DRA-
DATE OF REGISTRATION		01/09/2005		
TITLE		CONTAINER		
		1		

DESIGN NUMBER	267550
CLASS	25-01

#### 1) ROXTEC AB, A SWEDISH JOINT STOCK COMPANY, OF

PO BOX 540 (STREET ADDRESS: ROMBVÄGEN 2) SE-37 123 KARLSKRONA, SWEDEN

DATE OF REGISTRATION		21/11/2014	
TITLE	PART OF FR	PART OF FRAME FOR SEALING CABLES	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002485664	18/06/2014	OHIM	



DESIGN NUMBER	268193
CLASS	09-03

## 1)WELLMAC PLASTICS PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

204/205, AMAR BUSINESS CENTRE, RAM MANDIR ROAD, GOREGAON (WEST), MUMBAI-400104, MAHARASHTRA, INDIA

DATE OF REGISTRATION	15/12/2014
TITLE	CONTAINER



#### PRIORITY NA

2014-015352

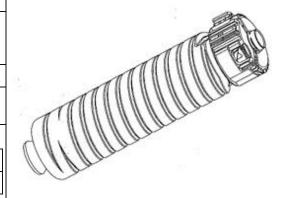
DESIGN NUMBER	268691
CLASS	14-02
1)DICOH COMBANY LED	

#### 1)RICOH COMPANY, LTD.

3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO 143-8555, JAPAN, A JAPANESE CORPORATION

DATE OF REGISTRATION		07/01/2015	
TITLE	POWDER CONTAINER OF IMAGE FORMING APPARATUS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	

14/07/2014



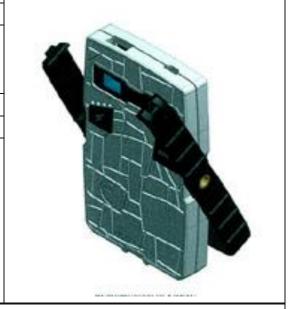
**JAPAN** 

DESIGN NUMBER	268901
CLASS	13-99

1) ELIXIER TECH, AN INDIAN COMPANY, ADDRESS:-

315, 5/C, BALGOVINDWADI, NEW PRABHADEVI ROAD, NEAR PRABHADEVI MANDIR, NEW PRABHADEVI, MUMBAI-400025, MAHARASHTRA, INDIA

DATE OF REGISTRATION	16/01/2015	
TITLE	SOLAR CHARGING UNIT	



#### PRIORITY NA

DESIGN NUMBER	270631
CLASS	12-16

1)MR. GALIB MUKRI (INDIVIDUAL) WHOSE ADDRESS IS UTTAN PALI ROAD, BEHIND UTTAN SEA FOODS, UTTAN, BHAYANDAR (W), DIST. THANE-401106, MAHARASHTRA, INDIA

TITLE	GUARD BUMPER
DATE OF REGISTRATION	26/03/2015



PRIORITY NA

DESIGN NUMBER	270953
CLASS	06-01

1)WIM PLAST LIMITED, A PUBLIC LIMITED COMPANY REGISTERED UNDER THE PROVISION OF INDIAN COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	06/04/2015
TITLE	STOOL



DESIGN NUMBER	271030	
CLASS	05-05	
CHANDER BINDRA,	NDIAN INHABITANT) S/O LATE SHRI SATISH . VILLA, NEAR CSKM SCHOOL, SATBARI, NEW	
DATE OF REGISTRATION	06/04/2015	

