पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 04/2015 शुक्रवार दिनांकः 23/01/2015 ISSUE NO. 04/2015 FRIDAY DATE: 23/01/2015

पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

23rd JANUARY, 2015

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THE PATENT OFFICE KOLKATA, 23/01/2015

Address of the Patent Offices/Jurisdictions

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	Mumbai - 400 037		Chennai – 600 032.
	Phone: (91)(22) 24123311,		Phone: (91)(44) 2250 2081-84
	Fax: (91)(22) 24123322		Fax : (91)(44) 2250 2066
	E-mail: cgpdtm@nic.in		E-mail: <u>chennai-patent@nic.in</u>
			The States of Andhra Pradesh, Karnataka,
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2	The Patent Office,		
_	Government of India,	5	The Patent Office (Head Office),
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	Mumbai – 400 037		CP-2, Sector -V, Salt Lake City,
	Phone: (91)(22) 24137701		Kolkata- 700 091
	Fax: (91)(22) 24137701		Kolkata- 700 091
	E-mail: mumbai-patent@nic.in		Dhono, (01)(22) 2267 1042/44/45/46/97
	 ♣ The States of Gujarat, Maharashtra, Madhya 		Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988
	, , ,		
	Pradesh, Goa and Chhattisgarh and the Union		E-Mail: <u>kolkata-patent@nic.in</u>
	Territories of Daman and Diu & Dadra and Nagar		
-	Haveli		❖ Rest of India
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	New Delhi – 110075		
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	Fax: (91)(11) 2808 1920 & 2808 1940		
	E.mail: <u>delhi-patent@nic.in</u>		
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	Uttaranchal, Delhi and the Union Territory of		
	Chandigarh.		
	Chandigain.		

Website: <u>www.ipindia.nic.in</u> www.patentoffice.nic.in

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

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

पेटेंट कार्यालय कोलकाता, दिनांक 23/01/2015 कार्यालयों के क्षेत्राधिकार के पते

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

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प	4	पेटेंट कार्यालय, भारत सरकार
	तथा व्यापार चिहन,		इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट
	एंटोप हिल डाकघर के समीप,		एसआईडीसीओ आरएमडी गोडाउन एरिया
	एस. एम. रोड, एंटोप हिल, मुम्बई- ४०० ०३७, भारत,		एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी
	फोनः (91) (22) 24123311		चेन्नई - 600 032.
	फ़ैक्सः (91) (22) 24123322		फोन: (91)(44) 2250 2081-84
	ई. मेल: cgpdtm@nic.in		फ़ैक्स: (91)(44) 2250-2066
			ई. मेल: chennai-patent@nic.in
			💠 आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा
			पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
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	बौद्धिक संपदा भवन,		कोलकाता, (प्रधान कार्यालय)
	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037,		सीपी-2, सेक्टर- V, साल्ट लेक सिटी,
	फोन: (91) (22) 24137701		कोलकाता-700 091, भारत.
	फ़ैक्सः (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
	💠 गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़		ई. मेल: kolkata-patent@nic.in
	राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव,		
	दादर और नगर हवेली.		भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार		
	बौद्धिक संपदा भवन,		
	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
	फोन: (91)(11) 2808 1921-25		
	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
	ई. मेल: delhi-patent@nic.in		
	हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,		
	पंजाब,राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य		
	क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: http://www.ipindia.nic.in www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

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.3796/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND APPARATUS TO ADJUST DISH POSITIONING SYSTEM WITH RF REMOTE

(51) International classification (31) Priority Document No (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 (62) Divisional to Application Number Siling Date (83) Name of priority country Sinal Si	(71)Name of Applicant: 1)Nikhil Gupta Address of Applicant: S/o Sushil Gupta C/o University of Petroleum and Energy Studies ,33 Energy Acres, Bidholi, Premnager, Dehradun, -248007 Uttarakhand India 2)Jaideep Saharan 3)Manish Prateek 4)Sushabhan Choudhury 5)Rajesh Singh 6)Anita 7)Shival Dubey 8)Vivek Kaundal (72)Name of Inventor: 1)Nikhil Gupta 2)Jaideep Saharan 3)Manish Prateek 4)Sushabhan Choudhury 5)Rajesh Singh 6)Anita 7)Shival Dubey 8)Vivek Kaundal
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(57) Abstract:

At the dish antenna, the system consists of two motors, a controller, power system and RF transceivers. Motors are attached to the dish via mechanical structure. Upon receiving the signal from remote, the controller decodes the signal and accordingly generates logic for the motors. The motors moves accordingly in the mechanical system and ultimately the dish position are adjusted.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND APPARATUS FOR CLEANING WIRE ROD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21B 45/02 :PCT/JP2014/073897 :10/09/2014 :Not Applicable :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Nakagawa Special Steel Co., Inc. Address of Applicant: 3-5-4, Tsukiji, Chuo-ku, Tokyo, Japan 2)WATANABE, Toyofumi (72)Name of Inventor: 1)WATANABE, Toyofumi
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(57) Abstract:

Provided is a wire rod cleaning method that makes it possible to appropriately remove scale and smut from wire rod, prevent the wire rod from turning yellow after cleaning, and significantly reduce the amount of wastewater produced by the cleaning. The wire rod cleaning method includes, in the following order, the steps of: (A) subjecting a wire rod to acid pickling; (B) cleaning the wire rod with pressurized acidic water, wherein the concentration of the acidic water is adjusted with an acid pickling solution that has been retrieved as being adhered to the wire rod and collected after it had been used in the step (A) and water; and (C) washing the wire rod with water.

No. of Pages: 32 No. of Claims: 14

(21) Application No.3687/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: HERBAL COMPOSITION FOR THROMBOCYTOPENIA

(51) International classification	:A61K 36/00	(71)Name of Applicant : 1)PAWAN TIWARI
(31) Priority Document No	:NA	Address of Applicant :PLOT NO. 12, SECTOR NO. 2,
(32) Priority Date	:NA	MALVIYA NAGAR, JAIPUR - 302017 Rajasthan India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PAWAN TIWARI
Filing Date	:NA	
(87) 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:

The present invention is directed towards a novel herbal composition useful in increasing platelet count in blood and method for preparing the same. The herbal composition of the present invention comprises Tribulus terrestris, Carica papaya, Tinospora cordifolia and Prosopis spicigera in combination with pharmaceutically acceptable excipients.

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

(21) Application No.3641/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: A SIMULATOR FOR TESTING A GATEWAY DEVICE

(51) International classification	:H04M 1/24	(71)Name of Applicant: 1)HCL Technologies Ltd.
(31) Priority Document No	:NA	Address of Applicant :B-39, Sector 1, Noida 201301, Uttar
(32) Priority Date	:NA	Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SANKAR, Tammana Uma
Filing Date	:NA	2)BANSAL, Ankur
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(T=) 11		

(57) Abstract:

System and method for testing a gateway device is disclosed. The system comprises a communication port and a memory coupled to one or more processors. The system is configured to identify a gateway device connected to the system through the communication port. The system further identifies a set of protocols applicable to the gateway device. Once the protocols are identified, the system simulates a network device to connect with the gateway device using a protocol from the set of protocols. The system further enables the network device to connect with the gateway device in order to determine a performance of the network device.

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

(21) Application No.3340/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: AQUATIC - EX VITRO-IN VITRO TERRARIUM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	17/00 :NA :NA	(71)Name of Applicant: 1)PRIYA KHETARPAL Address of Applicant: 719/ SECTOR-14, 1ST FLOOR, FARIDABAD -121007 Haryana India (72)Name of Inventor:
(86) International Application No	:NA	1)PRIYA KHETARPAL
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	

(57) Abstract:

The product invented belongs to Plant tissue culture field and find its application for aesthetic purpose. The prior art exists as bottle garden/terrarium, but it has be maintained. These days the fast pace of life does not allow people to be in touch with plants. Being in touch with nature is very essential for overall well-being of the human race. So, here, the designed products find their place at various sections of the society such as offices, hotels, restaurants, hospitals, old age homes, residential homes, educational. institutes and rehabilitation centers, without taking pain to maintain them. The products can be a replacement for cut flowers and bouquets which do not last forever. Incorporating various decorative elements enhance the aesthetics of the product, thus making a positive impression on the observer. Each product designed has different appearance and thus there is a lot of scope for changing and its personalization. The products thus designed have a lot of scope for commercialization in plant tissue culture industry.

No. of Pages: 47 No. of Claims: 6

(21) Application No.3294/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR SECURE APPLICATION USAGE

(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	Address of Applicant :Spa/2-201, Jaypee Greens, Greater Noida - 201310, Uttar Pradesh India 2)JINDAL, Nitu (72)Name of Inventor: 1)JINDAL, Atul 2)JINDAL, Nitu
(62) Divisional to Application Number :	NA NA NA	

(57) Abstract:

Methods and systems of the present disclosure are described for configuring an operating system to work/function/perform under a plurality of views/format, with at least one view/format being a protected view/format for a primary user/administrator, and at least one unprotected view/format being for one or more users.

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

(21) Application No.3912/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/12/2014

(43) Publication Date: 23/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PREVENTING MANIPULATION OF HARDWARE AND SOFTWARE OF COMPUTING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G06F 21/64 :NA :NA :NA :NA	(71)Name of Applicant: 1)JINDAL, Atul Address of Applicant: Spa/2-201, Jaypee Greens, Greater Noida - 201310, Uttar Pradesh India 2)JINDAL, Nitu (72)Name of Inventor:
Filing Date (87) International Publication No	:NA :NA	1)JINDAL, Atul 2)JINDAL, Nitu
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)62.32.23,2.00
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Aspects of present disclosure relate to systems and methods that do not enable any manipulation of the source code/software and mapped hardware elements/components that are operatively coupled with the chip/processor of a computing device.

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

(21) Application No.3913/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING PEOPLE PARTICIPATION DURING EVENT EXECUTION

(51) International classification	:H04L29/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JINDAL, Atul
(32) Priority Date	:NA	Address of Applicant :Spa/2-201, Jaypee Greens, Greater
(33) Name of priority country	:NA	Noida - 201310, Uttar Pradesh India
(86) International Application No	:NA	2)JINDAL, Nitu
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JINDAL, Atul
(61) Patent of Addition to Application Number	:NA	2)JINDAL, Nitu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure pertains to methods and systems that enable people participation during event execution. More particularly, the present disclosure pertains to methods and systems, wherein result/outcome of one or more events can be dynamically and/or in real-time influenced/modified/altered proportionate to number of participants participating in such event(s).

No. of Pages: 25 No. of Claims: 10

(21) Application No.4237/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: SKIN BURN RELIEVING SYNERGISTIC COMPOSITION (RAKSHITA) AND METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61k36/00, a61k9/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Sourabh Sharma Address of Applicant: 2084, Sec-D, Sudama Nagar Indore Madhya Pradesh India (72)Name of Inventor: 1)Sourabh Sharma
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Skin burn relieving synergistic composition comprising Camphor (1,7,7-Trimethylbicyclo [2.2.1]heptan-2-one), Alsi oil (Linum usitatissimum Linn.), Gum Resin (Shorea Robusta), Tuthiya Bhasma, Indian Berberry (Daruhaldi) (Berberis aristata) and Dev Haldi.

No. of Pages: 9 No. of Claims: 2

(21) Application No.4056/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: A PROCESS TO ENHANCE BOILING POINT OF ANY FLUID.

(51) Indomedia and alara-16 and an		(71)Name of Applicant:
(51) International classification	F01K21/00, F03G7/04	1)MS. KAISER IRANI Address of Applicant :SPENTA SOCIETY, OLD
(21) Priority Dogwood No		
(31) Priority Document No	:NA	KHANDALA ROAD, KHANDALA, MAHARASHTRA 410302,
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	2)MR. DUEDAHL, AUGUST
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MS. KAISER IRANI
(87) International Publication No	: NA	2)MR. DUEDAHL, AUGUST
(61) Patent of Addition to Application Number	:NA	3)DR. MEHTA, RASHBINDU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the enhancement of the efficiency of injection fluids for geothermal conversion; wherein the thermal conductivity of the said particles will be increased wherein the said Nano magnetic composites or other fluids are used for the enhancement of the efficiency of injection fluids in closed systems wherein the particles are made by combining the Nano magnetic particles also known as ferro fluid or magnetic fluid and Nano tubular Nano magnetic particles.

No. of Pages: 14 No. of Claims: 2

(22) Date of filing of Application :08/01/2015 (43) Publication Date : 23/01/2015

(54) Title of the invention: VISIBLE RADIOWAVES AND OPTICAL PROPAGATION THROUGH SOLID, LIQUID, AIR

(51) 7	1017	(71)
(51) International classification	:h01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. MANIMARAN
(32) Priority Date	:NA	Address of Applicant :DEPT OF RADIOLOGY,
(33) Name of priority country	:NA	MEENAKSHI MEDICAL COLLEGE AND R I ENATHUR,
(86) International Application No	:NA	KANCHIPURAM 631552 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S. MANIMARAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In recent years invention of radio waves device widely used ;.: communication purpose, but the source radio wave was invisible there property and propagation through different medium like solid, liquid, air, was not yet deliberated actually, it may seem odd to evaluate particle properties of wave and expected that particles might show wave behavior, it is one thing, how ever to suggest a revolutionary concept to explain strong experimental mandate. Let us look into the question of why it is not visible through medium For that we proposed radio wave consist of both wave and particle characteristics optically. The real profile of radio wave was identified by means of experimental evidence, wave patterns are recorded through photographic camera, visible radio waves dimensions and physical parameters such as length, breadth, node, antinodes are carefully measured thus we deduced, velocity, frequency, wavelength, energy. These results were compared with electromagnetic spectrum to con linn radio wave region.

No. of Pages: 26 No. of Claims: 5

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention : A METHOD FOR PRODUCTION OF FRAGRANT COMPOUNDS FROM AQUILARIA MALACCENSIS CELL CULTURE

(51) International classification :A01H4/00 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)KHAN, MOJIBUR ROHMAN Address of Applicant: C/O INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY, AN AUTONOMOUS R & D INSTITUTE OF DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA, VIGYAN PATH, PASCHIM BORAGAON, GARCHUK, GUWAHATI- 781 035, ASSAM, INDIA 2)SEN, SUPRIYO 3)TALUKDAR, NARAYAN CHANDRA (72)Name of Inventor: 1)KHAN, MOJIBUR ROHMAN 2)SEN, SUPRIYO 3)TALUKDAR, NARAYAN CHANDRA
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(57) Abstract:

A method for production of fragrant compounds from Aquilaria malaccensis cell culture comprising: i) isolation of fungus from infected and resinous tissue of agarwood (Aquilaria malaccensis); ii) establishment of in vitro callus culture from tender leaves of Aquilaria malaccensis; iii) co-culture of fungal isolate with callus tissue in basal MS medium; iv) solvent extraction of the tissues followed by analysis by GC-MS technique and identification of candidate isolates of fungi; v) co-culture of candidate isolates of fungi with callus tissues for a suitable duration and fermentation of the fungus associated callus tissue for a suitable duration; vi) solvent extraction of the tissues followed by analysis by GC-MS technique.

No. of Pages: 20 No. of Claims: 6

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: MOBILE COMMUNICATION APPLICATION SYSTEM FOR DEAF MUTE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W52/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DR.BISWARUP NEOGI Address of Applicant: DHARAMPUR, KALITALA, CHINSURAH, HOOGHLY-712101 WEST BENGAL, INDIA 2)MAINAK CHOWDHURY 3)PAROMITA DAS 4)SUDIPTA PAUL 5)RITABAN PAUL (72)Name of Inventor: 1)DR. BISWARUP NEOGI 2)MAINAK CHOWDHURY 3)PAROMITA DAS 4)SUDIPTA PAUL 5)RITABAN PAUL
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(57) Abstract:

This invention relates to a mobile communication system for deaf mute and in particular, this invention relates to mobile communication application system abled to interpret sign language used by dumb. More particularly, this present invention relates to an android based mobile communication system incorporates both way communication between normal mobile consumer and mum. Furthermore, this invention also relates to a mobile communication system wherein by activating Sign Interpreter Mode; the mobile handset acts as a global sign interpreter in between a silent to a speaking person, of any language, without knowing sign interpretations.

No. of Pages: 29 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.2144/DEL/2013 A

(19) INDIA

(22) Date of filing of Application: 17/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: A METHOD FOR PRODUCING BIODIESEL FUEL

(51) International classification(31) Priority Document No(32) Priority Date	:C11C3/00 :NA :NA	(71)Name of Applicant: 1)UNIVERSITY OF PETROLEUM & ENERGY STUDIES Address of Applicant : ENERGY ACRES, DEHRADUN-
(33) Name of priority country (86) International Application No	:NA :NA	248007 UTTARAKHAND INDIA. (72)Name of Inventor:
Filing Date	:NA	1)PRADEEPTA KUMAR SAHOO
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)AMIT KUMAR SHARMA 3)BHAWNA YADAV LAMBA
Filing Date	:NA	4)PARAG DIWAN
(62) Divisional to Application Number Filing Date	:NA :NA	5)SAWARAN JIT CHOPRA

(57) Abstract:

The invention relates to a method for producing biodiesel fuel comprising (a) removal of dust and foreign particles from seeds; (b) drying seeds under sun light; (c) oil extraction from seeds by screw press expeller; (d) collecting of extracted oil and oil residue (deoiled cake); (e) storage of extracted oil in storage tank for sedimentation; (f) filtration of extracted oil by filter press and different pore size filters; (g) pretreatment of oil to reduce free fatty acids and degumming; (h) transesterification of refined oil using homogenous catalyst followed by microwave oven heating to convert remaining glycerides into esters; (i) separation of biodiesel, excess methanol and glycerol; (j) washing and drying of biodiesel.

No. of Pages: 28 No. of Claims: 23

(22) Date of filing of Application :08/04/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: STRETCHABLE SHEET MANUFACTURING METHOD

(51) International classification: B32B3/22,A61F13/15,A61F13/49 (71) Name of Applicant:

(31) Priority Document No :2010241694 (32) Priority Date :28/10/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/073931

No

:18/10/2011 Filing Date

(87) International Publication :WO 2012/056942

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

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

(57) Abstract:

1)Kao Corporation

Address of Applicant :14 10 Nihonbashi Kayaba cho 1 chome

Chuo ku Tokyo 1038210 Japan

(72)Name of Inventor:

1)YANASHIMA Takuo

2)MORITA Akio

3)KOKUBO Makoto

4)ANDO Kenji

The present invention is a stretchable sheet manufacturing method for continuously manufacturing a stretchable sheet (3) configured by affixing a thread shaped elastic body (7) in a stretched state between a pair of belt shaped sheets (50 60) and comprises: a supply step for introducing the paid out thread shaped elastic body (7) in the stretched state into an elastic body winding means (14); a conveyance step for continuously winding the thread shaped elastic body (7) on a thread conveyance longitudinal structure (12 13) using the elastic body winding means (14) and conveying the wound thread shaped elastic body in the longitudinal direction of the structure (12 14); and an integration step for sandwiching and affixing the thread shaped elastic body (7) between the sheets (50 60). In the supply step the thread shaped elastic body (7) is introduced into the elastic body winding means (14) at a speed equal to or higher than the speed at which the thread shaped elastic body is wound on a pair of conveyance belts (12 13) by a speed adjustment means (15B) disposed upstream from the elastic body winding means (14).

No. of Pages: 32 No. of Claims: 8

(21) Application No.3308/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 15/04/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD OF PRODUCING A COMPOSITE MULTI LAYERED PRINTED ABSORBENT ARTICLE

(51) International classification :B32B38/14,A61F13/42,A61F13/84

(31) Priority Document No :12/908519 (32) Priority Date :20/10/2010

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

(86) International Application :PCT/US2011/056978

Filing Date :20/10/2011

(87) International Publication :WO 2012/054662

(61) Patent of Addition to
Application Number
:NA

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

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

(71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor:

1)OETJEN David Christopher

(57) Abstract:

A method for producing a composite multi layered absorbent article. At least two of the layers include a colored region.

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

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : IMPROVED MIRRORS FOR CONCENTRATING SOLAR POWER (CSP) OR CONCENTRATING PHOTOVOLTAIC (CPV) APPLICATIONS AND/OR METHODS OF MAKING 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 	:15/07/2011 :WO 2012/047248 :NA :NA	(71)Name of Applicant: 1)GUARDIAN INDUSTRIES CORP. Address of Applicant:2300 Harmon Road Auburn Hills MI 48326 U.S.A. (72)Name of Inventor: 1)VANDAL Robert A. 2)WANG Yei Ping (Mimi) H.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Certain example embodiments relate to techniques for creating flat laminated mirrors e.g. for use in concentrating solar power (CSP) applications. In certain example embodiments the first substrate is a low iron glass substrate and the second substrate (which may be thicker than the first substrate) is has a higher iron content than the firsts substrate. A reflective coating is provided between the first and second substrates. The first and second substrates are laminated together with the reflective coating between the substrates. In certain example embodiments a reflective article has a reflectivity above 90% more preferably about 94.5%.

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: POLYOLEFIN COMPOSITE FILM

(51) International classification :B32B27/32,B65D65/40,C08F210/06

:NA

(31) Priority Document No :2010251895 (32) Priority Date :10/11/2010 (33) Name of priority

country :Japan

(86) International :PCT/JP2011/075984

Application No Filing Date :10/11/2011

(87) International Publication No :WO 2012/063914

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

:NA
:NA
:NA

(71)Name of Applicant:

1)MITSUI CHEMICALS INC.

Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato

ku Tokyo 1057117 Japan (72)Name of Inventor:

1)AKAI Ikuo 2)ABE Tomohiro 3)KUROKI Takayuki

(57) Abstract:

Filing Date

The purpose oi the present invention is to provide a polyolefin composite film with excellent low-temperature heat sealability, heat-seal strength, and transparency. The disclosed polyolefin composite film has at least a surface layer (i), an inter mediate layer (iii), and a core layer (in, and is characterized by: the surface layer (i) comprising 0-50 wt% of a specified propylene/a-olefin random copolymer (A) and/or a specified 1-butene/a-olefin copolymer (E), and 50-100 wt% of a propylene polymer (B) with a fusion point of 120-170 °C (provided the total of (A), (E), and (B) in the surface layer is defined as 100 parts by weight); the core layer (ii) comprising 70-100 wt% of a crystalline polypropylene (C) with a fusion point of 150-170 °C, and 0-30 wt% of the specified propylene/-olefin random copolymer (A) (provided the total of (C) and (A) in the core layer is defined as 100 parts by weight); and the intermediate layer (i comprising a propylene resin composition comprising 50-95 wt% of the crystalline polypropylene (C) with a fusion point of 150-170 °C, the specified propylene/-olefin random copolymer (A), and/or the specified 1-butene/ a-olefin copolymer (E) (pro vided the total of (C), (B), (A), and (E) in the intermediate layer is defined as 100 parts by weight).

No. of Pages: 53 No. of Claims: 12

(21) Application No.4214/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: GUITAR SECURING 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 	:P201031647 :09/11/2010 :Spain	(71)Name of Applicant: 1)LLEVINAC S.L. Address of Applicant: Casanova 48 Sobreatico 2. E 08011 Barcelona Spain (72)Name of Inventor: 1)CANIVELL GRIFOLS Jordi 2)ESCALADA RECTO Ricard 3)MA'OSA RIPOLL David
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(57) Abstract:

Guitar-securing device characterized in that it comprises an element for fastening to a surface, which has an arm, a structural element, connected to said arm, and that runs via the rear part of the guitar, said structural 10 element having at least a first element for connection to a first stud for a strap of said guitar and/or an element for joining to the neck of the guitar.

No. of Pages: 46 No. of Claims: 31

(21) Application No.4572/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD FOR PRODUCING STRETCH SHEET

(51) International classification: B32B3/22,A61F13/15,A61F13/49 (71) Name of Applicant: (31) Priority Document No :2010266044 (32) Priority Date :30/11/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/076931

No :22/11/2011 Filing Date

(87) International Publication :WO 2012/073762

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)Kao Corporation

Address of Applicant: 14 10 Nihonbashi Kayaba cho 1 chome

Chuo ku Tokyo 1038210 Japan

(72)Name of Inventor: 1)SAITOU Kazuma

2)MORITA Akio

3)YANASHIMA Takuo

4)MORITA Shinnosuke

(57) Abstract:

A production device (11) for this stretch sheet is provided with: a pair of conveyance belts (12 13) arranged to be distant from each other; an elastic body winding means (14) for winding a threadlike elastic body (7) around the conveyance belts so that the threadlike elastic body (7) is directed in the direction intersecting the conveyance direction of a belt like sheet; and an integration means for securing the threadlike elastic body (7) to the belt like sheet. The conveyance belts (12 13) are provided with upper belts (12a 13a) and lower belts (12b 13b) wherein forward feeding portions (12a 13a) of the respective upper belts to convey the threadlike elastic body (7) are inclined so that the upper ends are located closer to the center position (PC) between the conveyance belts than the lower ends and the forward feeding portions (12b 13b) of the lower belts inclined so that the lower ends are located closer to the center position (PC) than the upper ends.

No. of Pages: 38 No. of Claims: 11

(21) Application No.4670/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 23/01/2015

(54) Title of the invention: THERMOPLASTIC POLYOLEFIN COPOLYMER LAMINATION FILM LAMINATED STRUCTURES AND PROCESSES FOR THEIR PREPARATION

(51) International

:B32B27/00,B32B27/32,B32B17/06

classification

:61/425549

(31) Priority Document No (32) Priority Date

:21/12/2010

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

(86) International Application :PCT/US2011/059697 No

Filing Date

:08/11/2011

(87) International Publication :WO 2012/087441

(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)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

(72)Name of Inventor:

1)WEAVER John D.

2)WU Shaofu

3)DOOLEY Joseph

4)HARRIS William J.

5)LEE Chang D.

(57) Abstract:

Disclosed are polyolefin copolymer films comprising alkoxysilane groups and a catalyst for crosslinking the alkoxysilane groups; wherein the crosslinking catalyst is a Lewis or Bronsted acid or base compound that has a relatively high melting point and therefore initiates the crosslinking essentially only at the lamination temperature preferably at or above at least 50° C. Also disclosed are films wherein (i) the layer or layers comprising the alkoxysilane groups including surface layer(s) comprise the crosslinking catalyst; or (ii) layer or layers comprising alkoxysilane groups do not contain crosslinking catalyst and have a facial surface in adhering contact with a layer of a thermoplastic polyolefin copolymer comprising the crosslinking catalyst; or (iii) there is a combination of layers (i) and (ii). Also disclosed are laminated glass structures and processes for their preparation that employ such films. The disclosed laminate structures include safety glass and photovoltaic modules.

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

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TRANSPORT DEVICE

(51) International classification :B61B10/02,B65G17/48,B65G19/02

(31) Priority Document No :10 2010 063 741.6

(32) Priority Date :21/12/2010 (33) Name of priority country:Germany

(86) International Application: PCT/EP2011/072785

No :14/12/2011

Filing Date

(87) International Publication :WO 2012/084648

(61) Patent of Addition to
Application Number
:NA

Application Number
Filing Date

(62) Divisional to

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

(71)Name of Applicant : 1)ROBERT BOSCH GMBH

(21) Application No.5261/DELNP/2013 A

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)BAECHLE Andreas

(57) Abstract:

The invention relates to a device for transporting objects along a closed transport track, comprising, as the transport track, two tubular or rod-shaped guide rails (12, 14), which are arranged parallel to and substantially vertically on top of each other. At least one transport module (10) is connected to each guide rail (12, 14) via at least one support roll pair (46, 48), wherein the rolls of each support roll pair (46, 48) can be rotated about roll axes (a) which are substantially perpendicular to a guide rail axis (x) and include an angle of less than 180° and the rolls are seated against one of the guide rails (12, 14) in a detent position. The device is equipped with a drive means which is arranged so as to rotate substantially parallel to the guide rails (12, 14) and which can be connected to the at least one transport module (10). The support roll pairs (46, 48) are non-positively seated against the guide rails (12, 14) via at least one force element (40), which acts on the support roll pairs (46, 48) and generates a directed force, and at least one of the support roll pairs (46, 48) seated against differing guide rails (12, 14) can be pushed out of the detent position with the guide rail (46, 48) against the acting direction of the force element (40).

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

(22) Date of filing of Application :06/05/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DECORATIVE MELAMINE BOARD

(51) International

:B32B27/42,B32B33/00,E04F13/08

classification

(19) INDIA

(31) Priority Document No

:2010267733

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

:30/11/2010

(86) International Application :PCT/JP2011/077161

Filing Date

:25/11/2011

(87) International Publication

:WO 2012/073812

:NA

No

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

Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)SUMITOMO BAKELITE CO. LTD.

(21) Application No.4045/DELNP/2013 A

Address of Applicant :5 8 Higashi Shinagawa 2 chome

Shinagawa ku Tokyo 1400002 Japan

(72)Name of Inventor:

1)KIFUKU Toshinori

(57) Abstract:

The present invention provides a decorative melamine board that maintains the surface hardness associated with melamineresin while having superior non-combustibility, being able to accommodate reductions in thickness and having superior bending workability at normal temperatures. The decorative melamine board has a structure obtained by laminating a surface layer and a core layer. The surface layer includes a surface layer material composed of a surface layer base material that carries a resin containing a melamine resin on a first surface side serving as a design surface, and carries a solid content of a thermoplastic resin emulsion on a second surface side that contacts the core layer. The core layer includes a core layer material composed of glass cloth or a prepreg having glass cloth as a base material thereof.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: LIQUID AND OR ICE DISPENSING SYSTEM

(51) International classification	:B67D3/00,F25D23/04	(71)Name of Applicant:
(31) Priority Document No	:2010905201	1)ELECTROLUX HOME PRODUCTS PTY LIMITED
(32) Priority Date	:24/11/2010	Address of Applicant :163 ORiordan Street Mascot New South
(33) Name of priority country	:Australia	Wales 2020 Australia
(86) International Application No	:PCT/AU2011/001516	(72)Name of Inventor:
Filing Date	:24/11/2011	1)CLANCY Tim
(87) International Publication No	:WO 2012/068625	2)CRAIG Lyndon
(61) Patent of Addition to Application	:NA	3)PALIWAL Vijay
Number	:NA	4)MUTHUSAMY Nagarajan
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a liquid (24) and or ice (60) dispensing system (10) for a door or wall (14) mounted dispenser of an appliance said system (10) including a source of liquid (24) and or ice (60) which is adapted to be delivered to a dispensing outlet (24 60) said source being controlled by a valve means which can be activated by at least one switch means (22) associated with said system (10) said switch means (22) being activated by movement of an actuator means (12) through which said outlet (24 60) dispenses said liquid (24) or ice (60) said actuator means (12) including a formation (30) comprising a portion extending away from the actuator means (12).

No. of Pages: 18 No. of Claims: 15

(21) Application No.5643/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: A METHOD OF COATING A POROUS SUBSTRATE WITH A THERMOPLASTIC MATERIAL FROM THE OUTSIDE OF THE SUBSTRATE

(51) International classification :B05D7/22,B05D1/00,B05C7/00 (71) Name of Applicant:

(31) Priority Document No :13/009021

(32) Priority Date :19/01/2011 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2012/020788

Filing Date :10/01/2012 (87) International Publication No: WO 2012/099746

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)HALLIBURTON ENERGY SERVICES INC.

Address of Applicant: 10200 Bellaire Boulevard Houston TX

77072 U.S.A.

(72)Name of Inventor:

1)HOLDERMAN Luke W.

2)SHOEMATE Jacob R.

(57) Abstract:

A method of coating a first porous substrate with a thermoplastic material comprises the steps of: rotating the substrate about an axis of the substrate; and applying the material in a liquefied state onto the substrate wherein the step of applying is performed from the outside of the substrate According to another embodiment a method of coating a porous substrate with a thermoplastic material comprises the steps of: connecting a first porous substrate to a rotator; rotating the substrate about an axis of the substrate; pumping the material in a liquefied state from a receptacle to an application head; and applying the material in a liquefied state onto the substrate wherein the step of applying is performed from the outside of the substrate. In certain embodiments the material coated on the substrate is used to help remove at least a portion of a filtercake.

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

(22) Date of filing of Application :22/06/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: VALVE ASSEMBLY

(51) International classification :F16K1/44,F16K25/00,F16K3/00 (71)Name of Applicant:

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

(33) Name of priority country :NA

(86) International Application :PCT/CN2011/071108 No

:18/02/2011 Filing Date (87) International Publication No:WO 2012/109799

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 Munich

Germany

(72)Name of Inventor:

1)HAGMANN Stefan

2)ZHANG Ping

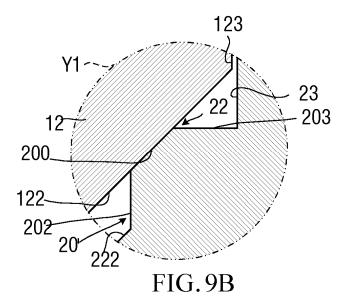
3)YAO Yu Chao

4)ZHAN Ning

5)WANG Jian Hui

(57) Abstract:

A valve assembly is provided. It includes: a valve body (1); a valve seat (11,12) disposed in an inner chamber of the valve body (1); and a valve plug (2) capable of moving relative to the valve seat (11,12). The valve seat (11,12) includes a first valve seat (11) and a second valve seat (12) disposed longitudinally; the valve plug (2) includes a first contact portion (21) and a second contact portion (22) the first contact portion (21) is capable of contacting the first valve seat (11) to form a seal the second contact portion (22) includes an annular protrusion (20) being deformable after being extruded with the second valve seat (12) the second contact portion (22) is capable of forming a seal by contacting the second valve seat (12) through the deformed protrusion (20) and the valve body (1) has a blocking part (19) which is capable of blocking rotation of the valve plug (2). With the annular protrusion (20) disposed on the valve plug (2) the protrusion (20) can be deformed in an extrusion manner so as to achieve a sealing effect of the valve plug (2) and the valve seat (11 12) which omits precise maching on the valve plug (2) and the valve seat (11,12).



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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: KEG CLOSURE WITH SAFETY 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 	:B67D1/08 :1018927.2 :09/11/2010 :U.K. :PCT/EP2011/069778 :09/11/2011 :WO 2012/062821 :NA :NA	(71)Name of Applicant: 1)PETAINER LIDK-PING AB Address of Applicant: Box 902 S 53119 Lidkping Sweden (72)Name of Inventor: 1)AHLSTR-M Karl Johan
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A closure (100) for a keg (14) comprises a housing (160) and at least one valve element (210) that is movable with respect to the housing. The closure also comprises a lock mechanism having a locking element (215) that is movable with respect to the housing and is capable of holding the valve element (210) in the open state. The lock mechanism includes first and second couplings (503 505) at which the locking element (215) and the valve element are mutually engageable. When the locking element and the valve element are engaged at the first coupling the locking element moves with the valve element as the valve element moves from the open state into the closed state. This movement of the locking element enables engagement between the locking element and the valve element at the second coupling (503) which engagement at the second coupling occurring on subsequent movement of the valve element into the open state to prevent the valve element returning to the closed state.

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

(21) Application No.4892/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/06/2013 (43) Publication Date : 23/01/2015

:NA

(54) Title of the invention: A HYDROELECTRIC TURBINE RECOVERY SYSTEM AND A METHOD THEREFOR

(51) International classification	:F03B13/26,F03B17/06	(71)Name of Applicant:
(31) Priority Document No	:10190576.8	1)OPENHYDRO IP LIMITED
(32) Priority Date	:09/11/2010	Address of Applicant :South Dock House Hanover Quay
(33) Name of priority country	:EPO	Dublin 2 Ireland
(86) International Application No	:PCT/EP2011/069623	(72)Name of Inventor:
Filing Date	:08/11/2011	1)IVES James
(87) International Publication No	:WO 2012/062739	2)DUNNE Paul
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

The present invention relates to a hydroelectric turbine recovery system and in particular a system which significantly reduces the complexity of recovering a base mounted hydroelectric turbine from a deployment site on the seabed by providing a frame having an open mouth which can be advanced around the turbine before the frame is fully lowered into locking engagement with the base thereby allowing the base with the turbine thereon to be recovered from the seabed.

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

(22) Date of filing of Application :01/06/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ANODE ASSEMBLY 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 	:C23F13/06 :1018830.8 :08/11/2010 :U.K. :PCT/GB2011/052166 :08/11/2011 :WO 2012/063056 :NA :NA	(71)Name of Applicant: 1)GLASS Gareth Address of Applicant: 3 Hillside Lichfield Staffordshire WS14 9DQ U.K. 2)DAVISON Nigel 3)ROBERTS Adrian (72)Name of Inventor: 1)GLASS Gareth 2)DAVISON Nigel 3)ROBERTS Adrian
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	3)ROBERTS Adrian

(57) Abstract:

A method of protecting steel in concrete using a sacrificial anode assembly is disclosed. The sacrificial anode assembly comprises a sacrificial metal element (11) an activator a backfill (13) a connector (17) and a spacer (12). An anode cavity (14) is formed in the concrete for the purposes of installing the sacrificial anode assembly therein. The sacrificial metal element and activator are embedded in the backfill in the cavity. The spacer holds the activator away from the sides of the cavity. The connector is used to connect the sacrificial metal element to the reinforcing steel (16). The backfill is a pliable viscous backfill that does not harden before the installation process is completed.

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PROGRAMMING MODULAR SURGICAL INSTRUMENT

		(71)Name of Applicant:
(51) International classification	:A61B	1)ETHICON ENDO SURGERY INC.
(31) Priority Document No	:13/426,760	· ·
(32) Priority Date	:22/03/2012	OH 45242 USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)CORY G. KIMBALL
Filing Date	:NA	2)DANIEL W. PRICE
(87) International Publication No	: NA	3)WILIAM E. CLEM
(61) Patent of Addition to Application Number	:NA	4)WILLIAM D. DANNAHER
Filing Date	:NA	5)AMY L. MARCOTTE
(62) Divisional to Application Number	:NA	6)TIMOTHY G. DIETZ
Filing Date	:NA	7)DONNA L. KORVICK
- -		8)ASHVANI K. MADAN

(57) Abstract:

A surgical instrument operable to sever tissue includes a body assembly and a selectively coupleable end effector assembly. The end effector assembly may include a transmission assembly and an end effector. The body assembly includes a trigger and a casing having a distal aperture configured to receive a portion of the end effector assembly. First and second coupling mechanism portions cooperatively couple the end effector assembly to the body assembly for use. A cartridge positionable between the instrument and a generator includes information regarding operating parameters unique to the selectively coupleable end effector assembly andlor the desired surgical procedure, such as information regarding setting a maximum current set point within an ultrasonic transducer. The instrument is programmable with operating parameter information while within a sealed and sterilized packaging unit.

No. of Pages: 59 No. of Claims: 20

(21) Application No.2163/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONCEPTUAL ENVIRONMENT POWERED TOY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H02J7/00 :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)CHANDRA PRAKASH ARORA Address of Applicant: S/O RAM DASS ARORA, TARIN JALA NAGAR, SHANJAHANPUR (UP)- 292001 Uttar Pradesh India (72)Name of Inventor: 1)CHANDRA PRAKASH ARORA
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A device is useful for generating electric power while travelling in train, bus, cars or any transport medium that travel at speed more than 50km/hr. With the help of clamp & magnets (5, 6) this device will attached at the top body of vehicle and the travelling speed of that transport medium will act a wind energy source for this device & with help of turbine (3,4) this energy will convert into electric energy & this energy will remain constant with help of filter circuit (2)& through electric socket(8) & multipurpose charger(l) will help traveler to run their electronic gadget like mobile phone, IPODS & read books at dark I time with the help of electric bulb(7) This toy will act as learning source for human being to know the importance of using natural resources in our daily life activity.

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

(21) Application No.3896/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MULTI LAYER GASKET AND ITS 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 	:F16J15/08 :10 2010 049 958.7 :28/10/2010 :Germany :PCT/EP2011/005399 :26/10/2011 :WO 2012/055550 :NA :NA	(71)Name of Applicant: 1)REINZ DICHTUNGS GMBH Address of Applicant: Reinzstr. 3 7 89233 Neu Ulm Germany (72)Name of Inventor: 1)H-HE Kurt 2)EGLOFF Georg 3)WALDVOGEL Hans 4)KRAUTMANN Wilhelm
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(57) Abstract:

The present invention relates to a multi layer gasket (1) in particular to a multi layer gasket with two or more metallic layers (2 3). Such gaskets are especially used as flat gaskets for example in an internal combustion engine in the exhaust line of an internal combustion engine or also in a fuel cell. Such gaskets can for instance be cylinder head gaskets or exhaust manifold gaskets.

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

(21) Application No.612/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM MONITORING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G08B :1204789.0 :19/03/2012 :U.K. :NA :NA :NA :NA :NA :NA	,
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(57) Abstract:

Monitoring of a system is disclosed, in particular to identify the cause of conditions outside expected operating conditions. The output of one or more sensors associated with a system is monitored and data from the one or more sensors is arranged as a plurality of modes with each mode being defined by a different condition in which the system may operate, such as different ambient conditions, variations in the physical configuration of the system and different operating conditions. Faulty conditions are identified by monitored data being outside one of the plurality of modes. The use of a plurality of modes enables operation of the system to be defined and tracked more precisely so that operation of the system outside expected parameters may be detected more precisely and false alarms may be reduced. At least one of the modes may be established to indicate a particular failure of the system. This failure mode may have a likely cause of the failure associated with it such that diagnosis and repair may be facilitated quickly and easily.

No. of Pages: 18 No. of Claims: 17

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DOOR STRUCTURE FOR VEHICLE

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

(57) Abstract:

A door structure for a vehicle is provided to improve workability of mounting a garnish onto a door trim, and improve an outer appearance of the inside of a vehicle compartment. [Solution] A door trim (2) is attached to a body portion of a door panel (9, a garnish (3) is attached to a lower portion of a window frame (5B), an upper end portion (25) of the door trim (2) is connected to a lower end portion (3B) of the garnish (3). The lower end portion (3B) of the garnish (3) is provided with the engaging claw (15) which is engaged with the upper end portion (25) of the door trim (2) as the garnish (3) is attached to the lower portion of the window frame (5B) from an inside of the vehicle compartment. The lower end portion (3B) of the garnish (3) and the upper end portion (25) of the door trim (2) are superimposed on each other in a thickness direction of a door, with a cushion material interposed therebetween. The engaging claw (15) of the garnish (3) is engaged with the upper end portion (25) of the door trim (2), so that the cushion material is press-sandwiched between the lower end portion (3B) of the garnish (3) and the upper end portion (25) of the door trim (2)

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

(22) Date of filing of Application :02/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MULTI-UTILITY MACHINE TOOL

(51) International classification	:B23Q11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ALOK KUMAR
(87) International Publication No	: NA	2)HEMANT CHOUHAN
(61) Patent of Addition to Application Number	:NA	3)ANGAD CHAWLA
Filing Date	:NA	4)TARUN KUMAR
(62) Divisional to Application Number	:NA	5)TEJESHWAR SINGH
Filing Date	:NA	6)ABHIJEET GUPTA

(57) Abstract:

The present invention relates to a multi-utility machine tool for &itling, milling, grinding and power saw metal machining operations on a single platform. One single phase AC electric motor is used to govern aH the machining tools which in turn saves a lot of energy and reduces the workload pressure of many workers who are involved in creating and managing diffrent machining operations. The present machine tool is an energy efficient, industry-friendly, compact and portable machine tool for maintenance and basic operations using energy efficient procedures along with due consideration to ergonomic factors.

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

(19) INDIA

(22) Date of filing of Application :25/06/2013

(21) Application No.5730/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: LIQUID 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 	:B67D7/16 :12/983443 :03/01/2011 :U.S.A. :PCT/US2011/067506 :28/12/2011 :WO 2012/094202 :NA :NA	(71)Name of Applicant: 1)GLOBAL AGRICULTURAL TECHNOLOGY AND ENGINEERING LLC Address of Applicant: 3490 Marsha Lane Vero Beach FL 32967 U.S.A. (72)Name of Inventor: 1)NEWTON John R. 2)CHENEY Michael E. 3)BROOKE Peter J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A liquid delivery system comprises a tank containing a supply of liquid. A positive displacement pump operates to withdraw the liquid from the tank via a suction conduit and to deliver a pressurized flow of the liquid via a delivery conduit. A metering orifice in the delivery conduit serves to modulate the flow of the liquid through the delivery conduit. A normally closed first valve located in the delivery conduit between the pump and the metering orifice is opened in response to a pressure of the liquid exceeding a threshold level and is operative when open to deliver the liquid to the metering orifice at a substantially constant pressure. A bypass conduit communicates with the tank and with the delivery conduit at a location between the pump and the first valve.

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SEAL APPARATUS OF TURBINE AND THERMAL POWER SYSTEM

(51) International classification	:F02C	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)KABUSHIKI KAISHA TOSHIBA
(31) Thomas Document No	161714	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:20/07/2012	MINATO-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MIMURA YUKI
Filing Date	:NA	2)ONODA AKIHIRO
(87) International Publication No	: NA	3)TSUKUDA TOMOHIKO
(61) Patent of Addition to Application Number	:NA	4)SHIBUKAWA NAOKI
Filing Date	:NA	5)HIRANO TOSHIO
(62) Divisional to Application Number	:NA	6)SATO IWATARO
Filing Date	:NA	7)TSURUTA KAZUTAKA

(57) Abstract:

A sealing device for a turbine has a sealing member provided in a gap between a rotor and a stator arranged to surround the rotor, and a fluid path provided within the stator, to 5 introduce, into the stator, a cooling medium used to cool stationary blades extending radially inward from the stator, and to flow the cooling medium at least to an upstream side of the sealing member.

No. of Pages: 27 No. of Claims: 13

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NETWORK COMMUNICATION DEVICE

(51) International classification	:H01H	(71)Name of Applicant:
(31) Priority Document No	:2012- 131275	1)ALAXALA NETWORKS CORPORATION Address of Applicant :1-2, KASHIMADA 1-CHOME,
(32) Priority Date	:08/06/2012	SAIWAI-KU, KAWASAKI, KANAGAWA, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHUUJI KAMENO
Filing Date	:NA	2)TOORU SASAKI
(87) International Publication No	: NA	3)MANABU SAWA
(61) Patent of Addition to Application Number	:NA	4)SATOSHI SHIMADA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Cooling efficiency with simple configurations is enhanced when adopting the configuration of a front-back air supply and exhaust system as below. A first circuit board unit is located in a horizontal direction in front of a relay circuit board and a cooling unit and a second circuit board unit are placed side by side behind the relay circuit board in a chassis with the relay circuit board placed between the first circuit board unit and the cooling unit and second circuit board unit; electric power is supplied from a power supply unit via the relay circuit board to each unit; a first air passage for allowing intake air introduced through an intake hole in a front side of the first circuit board unit to pass through the first circuit board unit and then introducing it through an opening in the relay circuit board to the cooling unit is formed in the chassis; a second air passage for allowing intake air introduced through an intake hole in a front face of the chassis to pass through a lateral side of the first circuit board unit and then introducing it through a vent hole in a partition provided at the lateral side of the first circuit board unit to the cooling unit is formed; and the second circuit board is placed in the second air passage.

No. of Pages: 46 No. of Claims: 15

(22) Date of filing of Application :18/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : NOVEL CLASS OF CROWN ETHER/POLYETHER MACROCYCLIC COMPOUNDS AND THE PROCESS OF PREPARATION THEREOF

(51)	G0 5 D 222 /00	
(51) International classification	:C07D323/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE EDUCATION AND
(32) Priority Date	:NA	RESEARCH (IISER) MOHALI
(33) Name of priority country	:NA	Address of Applicant :Knowledge City, Sector 81, SAS Nagar,
(86) International Application No	:NA	Mohali, Manauli P.O., Punjab, 140306, India Punjab India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Srinivasarao Arulananda Babu
(61) Patent of Addition to Application Number	:NA	2)Naveen
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the novel class of crown ether/polyether macrocyclic compounds and the process of preparation thereof. More specifically, it relates to the novel class of crown ether/polyether macrocyclic compounds having a 1,3-diyne unit-based cylindrical rigid backbone and isoxazole and thiophene moieties appended crown ether macrocyclic compounds. The present invention also provides a process of preparing novel crown ether/polyether macrocyclic compounds having a 1,3-diyne unit-based rigid cylindrical backbone via transition metal-based intramolecular sp-sp coupling of acetylenic group and isoxazole and thiophene moieties appended crown ether macrocyclic compounds. The process of preparing novel class of crown ether/polyether macrocyclic compounds is simple and provides products with high yields and purity.

No. of Pages: 51 No. of Claims: 24

(21) Application No.2153/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A PROCESS FOR THE ORGANIC HYDROPEROXIDE-MEDIATED SYNTHESIS OF NOBLE METAL NANOPARTICLES, BIMETALLIC NANOSOL AND PRUSSIAN BLUE NANOPARTICLES THEREFROM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	23/00 :NA :NA	(71)Name of Applicant: 1)PREM CHANDRA PANDEY Address of Applicant: DEPARTMENT OF CHEMISTRY, INDIAN INSTITUTE OF TECHNOLOGY (BHU), VARANASI- 221005 Uttar Pradesh India (72)Name of Inventor: 1)PREM CHANDRA PANDEY
(87) International Publication No	: NA	2)ASHISH PANDEY
(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 making Prussian blue comprises steps of mixing a transition metal salt solution with organic hydro peroxide, vigorously shaking reaction mixture over a vertex cyclo mixer and adding HCL to the said reaction mixture. Also method for preparation of metallic nanoparticles is being described. The method comprises steps of mixing hydrophilic amino functionalized alkoxysilane with a noble metal salt solution, then adding organic reducing agents to reaction mixture and mixing over a vortexer to the reaction mixture. The method is for the preparation of gold nanoparticle, palladium nanoparticle or bimetallic goldpalladium / palladium-gold nanoparticle.

No. of Pages: 17 No. of Claims: 18

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AXIAL TURBINE AND POWER PLANT

(51) International classification	:F01D	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)KABUSHIKI KAISHA TOSHIBA
(31) I Hority Document No	161734	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date	:20/07/2012	MINATO-KU, TOKYO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ONODA AKIHIRO
Filing Date	:NA	2)MIMURA YUKI
(87) International Publication No	: NA	3)TSUKUDA TOMOHIKO
(61) Patent of Addition to Application Number	:NA	4)SATO IWATARO
Filing Date	:NA	5)TSURUTA KAZUTAKA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An axial-flow turbine has turbine nozzles, a heat shield plate, a first communication hole formed in the turbine rotor and 5 connected to the space, to flow a cooling medium, a first opening formed in at least any one of the two adjacent rotor disks, to be connected to the space, a second communication hole connected to the space through the first opening, to communicate with an implant unit of the turbine rotor blade in the rotor disk, a third 10 communication hole connected to the second communication hole, to communicate along an effective length of the turbine rotor blade, a second opening formed in a side face of the turbine rotor blade, to be connected to the third communication hole, and a third opening formed in an outer circumferential end face of the turbine 15 rotor blade, to be connected to the third communication hole.

No. of Pages: 37 No. of Claims: 14

(21) Application No.6644/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: EXCAVATION CONTROL SYSTEM

:NA

(51) International classification :E02F3/43,E02F9/20,E02F9/22 (71)Name of Applicant : (31) Priority Document No 1)KOMATSU LTD. :2011066826 (32) Priority Date :24/03/2011 Address of Applicant : 2 3 6 Akasaka Minato ku Tokyo (33) Name of priority country :Japan 1078414 Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/052687 Filing Date :07/02/2012 1)MATSUYAMA Toru (87) International Publication No :WO 2012/127914 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

An excavation control system (200) is configured to obtain: a first regulated speed \p\% which is set for an extension/contraction speed of a boom cylinder (10) and is required to limit a first relative speed (Ql) to a first prospective speed (PI); and a second regulated speed (S2), which is set for the extension/contraction speed of the boom cylinder (10) and is required to limit a second relative speed (Q2) to a second prospective speed (P2). The excavation control system (200) is configured to select, as a speed limit (U), either of the prospective speeds (P) that is relevant to the greater one of the first regulated speed (SI) and the second regulated speed (S2).

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

(21) Application No.6632/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: RADAR TRANSPARENT COATING

(51) International classification :H01Q1/42,H01Q1/44,H01Q1/32 (71)Name of Applicant: (31) Priority Document No :61/436665

(32) Priority Date :27/01/2011

(33) Name of priority country :U.S.A. (86) International Application

:PCT/EP2011/006545 No :23/12/2011 Filing Date

(87) International Publication No:WO 2012/100805

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

:NA Number :NA Filing Date

1)OERLIKON TRADING AG TRBBACH

Address of Applicant: Hauptstrasse 53 CH 9477 Tr¹/₄bbach

Switzerland

(72)Name of Inventor: 1)KECKES Antal 2)SCHULER Peter

3)RIBEIRO Carlos

(57) Abstract:

The invention relates to a radar-transparent component comprising a plastic body. Said component is characterised in that at least parts of the surface have a coating with a thickness of between IOnm and IOOnm that comprises a semiconductor. Said coating gives the plastic body the desired metallic appearance without the body losing the characteristic of a radar-transparent component.

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

(21) Application No.6633/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : 6 AMINO 2 SUBSTITUTED 5 VINYLSILYLPYRIMIDINE 4 CARBOXYLIC ACIDS AND ESTERS AND 4 AMINO 6 SUBSTITUTED 3 VINYLSILYLPYRIDINE 2 CARBOXYLIC ACIDS AND ESTERS AS HERBICIDES

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:A01N55/10,C07F7/10,C07F7/18 :61/435955 :25/01/2011 :U.S.A. :PCT/US2012/022299 :24/01/2012 :WO 2012/103051 :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant:9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor: 1)ECKELBARGER Joseph D. 2)EPP Jeffrey B. 3)SCHMITZER Paul R.
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

No. of Pages: 62 No. of Claims: 16

⁶ Amino 2 substi1xited 5 vinylsilylpyrimidine 4 carboxylates and 4 amino substituted 3 vinylsilylpyridine picolinates and their amine and acid derivatives are potent herbicides demonstrating a broad spectrum of weed control

(21) Application No.6634/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF 4 AMINO 3 CHLORO 5 FLUORO 6 (SUBSTITUTED)PICOLINATES

(51) International classification :A01N43/40,A61K31/435 (71)Name of Applicant : (31) Priority Document No :61/435974 (32) Priority Date :25/01/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/022288 Filing Date :24/01/2012 (87) International Publication No :WO 2012/103044 (61) Patent of Addition to Application :NA Number :NA

:NA

1)DOW AGROSCIENCES LLC Address of Applicant: 9330 Zionsville Road Indianapolis IN

46268 U.S.A. (72)Name of Inventor: 1)ZHU Yuanming

2)WHITEKER Gregory T.

3)ARNDT Kim E. 4)RENGA James M. 5)FROESE Robert D.

(57) Abstract:

Filing Date

Filing Date

No. of Pages: 28 No. of Claims: 4

(62) Divisional to Application Number :NA

⁴ Amino 3 chloro 5 fluoro 6 (substituted)picolinates are conveniently prepared from 3 4 5 6 tetrachloropicolinonitrile by a series of steps involving fluorine exchange amination reaction with hydrazine halogenation hydrolysis and esterification and transition metal assisted coupling.

(21) Application No.6635/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TREPONEMA PALLIDUM TRIPLET ANTIGEN

:NA

(51) International (71)Name of Applicant: :C12N15/63,C07H21/00,G01N33/53 classification 1)ORTHO CLINICAL DIAGNOSTICS INC. (31) Priority Document No Address of Applicant: 1001 U.S. Route 202 Raritan NJ 08869 :61/432570 (32) Priority Date :13/01/2011 (33) Name of priority (72)Name of Inventor: :U.S.A. country 1)ZHENG Jian (86) International 2)YURA Renee :PCT/US2012/021323 Application No 3)YANG Jianping :13/01/2012 Filing Date (87) International Publication: WO 2012/097304 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA

(57) Abstract:

Application Number

Filing Date

A Treponema pallidum triplet antigen construct is disclosed which includes three Treponema pallidum antigens (TP15 TP17 and TP47) as well as a ten amino acid leader sequence (tag 261) and human copper zinc superoxide dismutase (hSOD). This construct is optimized for in vitro diagnosis of syphilis infection. Plasmids containing DNA encoding the triplet antigen host cells production methods detection methods and kits are also disclosed.

No. of Pages: 79 No. of Claims: 45

(21) Application No.6636/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF 4 AMINO 5 FLUORO 3 HALO 6 (SUBSTITUTED)PICOLINATES

(71)Name of Applicant: 1)DOW AGROSCIENCES LLC (51) International classification :A01N43/40,C07D213/04 (31) Priority Document No Address of Applicant: 9330 Zionsville Road Indianapolis IN :61/435958 (32) Priority Date :25/01/2011 46268 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/022291 1)WHITEKER Gregory T. Filing Date :24/01/2012 2)ARNDT Kim E. (87) International Publication No :WO 2012/103047 3)RENGA James M. (61) Patent of Addition to Application 4)ZHU Yuanming :NA Number 5)LOWE Christian T. :NA Filing Date 6)SIDDALL Thomas L. (62) Divisional to Application Number :NA 7)PODHOREZ David E. Filing Date 8)ROTH Gary Alan :NA 9)WEST Scott P.

(57) Abstract:

No. of Pages: 52 No. of Claims: 7

⁴ Amino 5 fluoro 3 halo 6 (substituted)picolinates are conveniently prepared from 4 5 6 trichloropicolinates by a series of steps involving fluorine exchange amination halogen exchange halogenation and transition metal assisted coupling.

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: LIGHT CONDUCTING COMPONENT FOR CONSTRUCTIONS AND BUILDINGS AND ALSO PRODUCTION PROCESS THEREFOR

(51) International classification :B28B23/00,E04C1/42,E04C2/54 (71) Name of Applicant: (31) Priority Document No :10 2011 008 853.9 (32) Priority Date :18/01/2011

:WO 2012/097975

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/000171 :17/01/2012

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)CHRISTANDL Dieter

Address of Applicant :Bismarckgasse 4/3 A 8160 Weiz

2)CHRISTANDL Josef 3)HOFER Robert (72)Name of Inventor: 1)CHRISTANDL Dieter 2)CHRISTANDL Josef

3)HOFER Robert

(57) Abstract:

Light-conducting component, in particular finished concrete part in the form of a masonry brick, for constructions and buildings, wherein the component is produced in a casting mould (29) by casting into at least one casting building material (19) and the optical waveguide (1) is made of a light-conducting building material, e.g. PMMA polymer or glass, which is accessible at at least two positions on the outer surface of the light-conducting component for the input of light (8) and Output of light (9), where the optical waveguide (1) is configured as a self-supporting 2D or 3D lattice body (1) composed of rods (2, 3) having a thickness/diameter of greater than 1 mm, where the self-supporting 2D or 3D lattice body (1) has approximately the same or an only slightly smaller width (B), or length (L), or base dimensions (B, L), or total external dimensions (B, L, H) than the casting mould (29) itself. It is therefore an object of the present invention to develop a component, in particular a finished concrete part in the form of a masonry brick, for constructions and buildings in such a way that it can be produced significantly more quickly and cheaply.

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

(21) Application No.3140/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CHEMICALLY STRENGTHENED GLASS LAMINATES

(51) International classification :B32B17/10,B60J1/00,B60J7/00 (71)Name of Applicant : (31) Priority Document No 1)CORNING INCORPORATED :61/393546 (32) Priority Date Address of Applicant: 1 Riverfront Plaza Corning New York :15/10/2010 (33) Name of priority country :U.S.A. 14831 U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2011/055065 1)FISHER William Keith Filing Date :06/10/2011 (87) International Publication No: WO 2012/051038 2)MOORE Michael John (61) Patent of Addition to 3)ROSENBLUM Steven S. :NA **Application Number** 4)SHI Zhiqiang :NA Filing Date 5)THOMAS John Christopher (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A glass laminate includes at least one chemically strengthened glass sheet and a polymer interlayer formed over a surface of the sheet. The chemically strengthened glass sheet has a thickness of less than 2.0 mm and a near surface region under a compressive stress. The near surface region extends from a surface of the glass sheet to a depth of layer (in micrometers) of at least 65 0.06(CS) where CS is the compressive stress at the surface of the chemically strengthened glass sheet and CS > 300 MPa.

No. of Pages: 30 No. of Claims: 23

(22) Date of filing of Application :09/06/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: STEEL STRIP STABILIZING APPARATUS

(51) International classification :C23C2/16,C23C2/06,C23C2/20 (71)Name of Applicant :

(31) Priority Document No :1020100126457 (32) Priority Date :10/12/2010

(33) Name of priority country :Republic of Korea (86) International Application No: PCT/KR2011/009354

Filing Date :05/12/2011 (87) International Publication No: WO 2012/077947

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)POSCO

Address of Applicant: 1 Koedong dong Nam gu Pohang si

Kyungsangbook do 790 300 Republic of Korea

(72)Name of Inventor:

1)JANG Tae In

2)KWEON Yong Hun

3)KIM Jung Kuk

4)JEE Chang Woon

(57) Abstract:

Provided is a steel strip stabilizing apparatus which damps vibrations of a plated steel strip in a non contact manner or corrects the shape of the plated steel strip. The steel strip stabilizing apparatus comprises: a plurality of steel strip damping means arranged toward the steel strip on at least one side of a steel strip being processed so as to damp vibrations of the steel strip; and a damping means moving unit which is connected to the steel strip damping means to move at least a portion of each of the steel strip damping means in a widthwise direction of the steel strip in correspondence to the width of the steel strip. According to the present invention (unit) damping means are movable in the widthwise direction of the steel strip thus improving the vibration damping properties the steel strip curvature correcting properties and the plated quality of the steel strip.

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

(19) INDIA

(22) Date of filing of Application :12/06/2013

(21) Application No.5254/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: NASAL DILATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61M :12/964746 :10/12/2010 :U.S.A. :PCT/US2011/064265 :09/12/2011 :WO 2012/079037 :NA	(71)Name of Applicant: 1)IERULLI Joseph Address of Applicant: 3926 SW Water Ave Portland Oregon 97239 U.S.A. (72)Name of Inventor: 1)IERULLI Joseph
(61) Patent of Addition to Application		
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A nasal dilator comprises a laminate of vertically stacked material layers which form the dilator as a unitary single body truss having horizontal regions adapted to engage outer wall tissues of first and second nasal passages of a nose. The truss comprises a functional element an engagement element and a directional element. When in use the dilator stabilizes or expands nasal outer wall tissues and prevents the outer wall tissues from drawing inward during breathing.

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

(21) Application No.6640/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DISPLAY DEVICE

(51) International classification :G02F1/1333,G02F1/1345,H05K7/12

(31) Priority Document No :2011017493 (32) Priority Date :31/01/2011 (33) Name of priority

country :Japan

(86) International Application No :PCT/JP2012/050452

Filing Date :12/01/2012

(87) International Publication No :WO 2012/105287

(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)NIPPON SEIKI CO.LTD.

Address of Applicant :2 34Higashi zaoh 2 chomeNagaoka shi

Niigata 9408580 Japan (72)Name of Inventor: 1)SUZUKIToshiaki

(57) Abstract:

This display device is capable of reducing possibilities of electrical disconnection between a display element and a circuit board due to a difference 5 between the thermal expansion coefficient of the circuit board and that of a housing. Display elements (10, 20) have lead terminals (12, 22, 13). A circuit board (30) is electrically connected to the lead terminals (12, 22, 13). A housing (40) houses the display elements (10, 20). Lead guide sections (50, 60) have through holes (52, 62), through which the lead terminals (12, 22, 13) are 10 inserted. The housing (40) has a first aligning section (43), which is aligned with the circuit board (30). The lead guide sections (50, 60) have second aligning sections (51, 61), which are aligned with the circuit board (30), and elastic supporting sections (53, 63), which are connected to the housing (40).

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

(21) Application No.6641/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SEAL MATERIAL FOR THIN PLATE MEMBERS

:30/03/2012

(51) International classification: F16J15/10,F16J15/06,H01M8/02 (71) Name of Applicant:

(31) Priority Document No :2011078007 (32) Priority Date :31/03/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/058522

Filing Date

(87) International Publication :WO 2012/133738

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

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

1)NIPPON VALQUA INDUSTRIES LTD.

Address of Applicant: 1 1 Osaki 2 chome Shinagawa ku

Tokyo 1416024 Japan (72)Name of Inventor:

1)UEDA Akira

2)TAKAHASHI Kenichi

3)FUJII Atsushi

4)KAWAMURA Tetsuya

(57) Abstract:

There is provided a sealing material for a thin plate member which eliminates the need to form seal grooves as in prior art when applied to a thin plate member such as a cell of a 5 secondary battery such as a redox flow battery, a fuel cell and a lead storage battery, and which provides satisfactory sealing and can compactify and reduce in weight a device to be used and facilitate assembling with reduced cost as well as allowing more cells to be stacked resulting in improving fuel capacity. The 10 annular sealing material for a thin plate member that provides sealing between thin plate members includes a lateral sealing body disposed on a lateral of the thin plate member, and a pair of sealing legs branching from the lateral sealing body in a fork shape and disposed on the front surface and the back surface 15 of the thin plate member.

No. of Pages: 65 No. of Claims: 10

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: OPTICAL DISPLAY DEVICE

(51) International classification	:G02B	(71)Name of Applicant:
(31) Priority Document No	:2012- 053005	1)NITTO DENKO CORPORATION Address of Applicant :1-2, SHIMOHOZUMI 1-CHOME,
(32) Priority Date	:09/03/2012	IBARAKI-SHI OSAKA 5678680, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)IKESHIMA KENTARO
Filing Date	:NA	2)MIYATAKE MINORU
(87) International Publication No	: NA	3)NAKANO YUKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an optical display device which comprises a display panel, and at 10 least one polarizing film including a polyvinyl alcohol-based resin layer disposed on a viewing side with respect to the display panel, and having an optical arrangement forming a cross-Nicol relationship with regard to polarized light entering the polarizing film from the side of the display panel. The polarizing film is produced to have a thickness of 10 pm or less, by a method comprising the steps of forming a polyvinyl 15 alcohol-based resin layer on a resin substrate; stretching the polyvinyl alcohol-based resin layer integrally with the resin substrate; and dyeing the polyvinyl alcohol-based resin layer using a dichroic material. The polarizing film is disposed in the optical display device in a state in which a surface of the polarizing film as a contact surface with the resin substrate during the production thereof is oriented toward a side opposite 20 to the display panel.

No. of Pages: 52 No. of Claims: 10

(21) Application No.6661/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: INTERACTIVE DISPLAY UNIT

(51) International classification :G06F3/041,G06F3/01,G03H1/00 (71)Name of Applicant:

(31) Priority Document No :10 2011 009 968.9 (32) Priority Date :01/02/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2011/074220

:29/12/2011 Filing Date

(87) International Publication :WO 2012/103996

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

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

1)JOHNSON CONTROLS GMBH

Address of Applicant : Industriestrae 20 30 51399 Burscheid

Germany

(72)Name of Inventor:

1)ZHAO Yanning 2) EPPINGER Andreas 3)JENDRITZA Daniel

(57) Abstract:

The invention relates to an interactive display unit (1) for presenting information and for interacting with a user, in particular in a vehicle interior (2). According to the invention, at least one imaging cell (3) comprises a photorefractive polymer material layer (3.3) between two transparent Substrate carriers (3.1, 3.2) in a sealing arrangement, each said Substrate carrier being provided with a transparent electrode layer that faces the photorefractive polymer material layer (3.3). A writing light source (5) with a propagation oriented in the direction of the photorefractive polymer material layer (3.3) is arranged on one of the Substrate carriers (3.1) in a parallel manner with respect to said Substrate carrier, a haptic sensor/actuator unit (6) is arranged on the other Substrate carrier (3.2), and at least one reading light source (4) with a propagation oriented in the direction of the photorefractive polymer material layer (3.3) is arranged in a lateral manner.

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

(21) Application No.6662/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention : ALL TERRAIN VEHICLE

(51) International :B62D21/18,B60G15/14,B60K17/34 classification

(31) Priority Document No :61/438433 (32) Priority Date :01/02/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/023455

Application No :01/02/2012 Filing Date

(87) International Publication :WO 2012/106412 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)POLARIS INDUSTRIES INC.

Address of Applicant :2100 Highway 55 Medina MN 55340

(72)Name of Inventor:

1)WIMPFHEIMER Cory A.

2)UTKE Jeremy J. 3)KVIEN Matthew M. 4)LOVOLD Jeff S. 5)OMDAHL Jamie D. 6) WYSOCKI Timothy S.

(57) Abstract:

An ATV (2702) is disclosed having a frame (10710) a seat (22722) supported by the frame front (12712) and rear (14714) wheels supporting the frame a drivetrain (20 720) supported by the frame and an operator's compartment (8 708) extending generally between the seat and a front enclosure (500 740). The front enclosure extends forwardly to a position proximate an axial centerline of the front wheels. Front lower alignment arms (280 812) have an inner end and an outer end. Front struts (290 810) have a shock absorber and a hub portion where the front struts are coupled to the front lower alignment arms at a lower end of the front struts and the frame at an upper end. A steering mechanism (310 816) is positioned forward of the axial centerline of the front wheels and is coupled to the front struts.

No. of Pages: 75 No. of Claims: 63

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: RUBBER COMPOSITION AND TIRE PRODUCED USING SAME AND PROCESS OF PRODUCING RUBBER COMPOSITION

(51) International classification :C08L9/00,B60C1/00,C08K3/00 (71)Name of Applicant :

(31) Priority Document No :2011037714 (32) Priority Date :23/02/2011

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2012/054476 Filing Date :23/02/2012

(87) International Publication No: WO 2012/115211

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)BRIDGESTONE CORPORATION

Address of Applicant: 10 1 Kyobashi 1 chome Chuo ku Tokyo

1048340 Japan

(72)Name of Inventor: 1)SUZUKI Eiju 2)ITOH Yuki

3)TAMATE Ryouta

(57) Abstract:

The present invention relates to a rubber composition containing at least 10 parts by mass, in 100 parts by mass of a rubber component, of a polymer component (B) containing a residue of an organic acid (A) added in a production process of the polymer, and containing from 10 to 150 parts by mass of a reinforcing filler (C), and 6 parts by mass or less in total of the residue of an organic acid (A) and an organic acid (D) used on mixing, per 100 parts by mass of the rubber component, thereby providing a rubber composition that is excellent in low heat build-up property and wear resistance and a tire produced by using the composition, having the aforementioned properties, by defining the total amount of an acidic component with respect to the total mixed rubber, including an organic acid, such as stearic acid, and an organic acid contained in a residue of an emulsifier added in a production process of emulsion-polymerized SBR. The process of producing a rubber composition of the present invention is a process of producing a rubber composition containing a rubber 126 component (R) containing emulsion-polymerized styrenebutadiene copolymer rubber containing from 0 to 3.5 parts by mass of an organic acid per 100 parts by mass of the emulsion-polymerized styrene-butadiene copolymer rubber, a filler containing an inorganic filler (T), a silane coupling agent (U), and at least one vulcanization accelerator (V) selected from a guanidine compound, a sulfenamide compound and a thiazole compound, and the process contains plural steps of kneading the rubber composition, where the rubber component (R), the whole or a part of the inorganic filler (T), the whole or a part of the silane coupling agent (U) and the vulcanization accelerator (V) are added and kneaded in a first step (X) of kneading, by which the activity reduction the coupling function of the silane coupling agent is favorably suppressed in the rubber composition containing emulsion polymerized styrene-butadiene copolymer rubber for further enhancing the coupling function, thereby providing a rubber composition having favorable low heat build-up property.

No. of Pages: 127 No. of Claims: 39

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A MONOCLONAL ANTIBODY FRAMEWORK BINDING INTERFACE FOR MEDITOPES MEDITOPE DELIVERY SYSTEMS AND METHODS FOR THEIR USE

(51) International classification	:C40B30/04	(71)Name of Applicant :
(31) Priority Document No	:61/391558	1)CITY OF HOPE
(32) Priority Date	:08/10/2010	Address of Applicant :1500 East Duarte Road Duarte
(33) Name of priority country	:U.S.A.	California 91010 3000 U.S.A.
(86) International Application No	:PCT/US2011/055656	(72)Name of Inventor:
Filing Date	:10/10/2011	1)WILLIAMS John C.
(87) International Publication No	:WO 2012/048332	2)DONALDSON Joshua Michael
(61) Patent of Addition to Application	:NA	3)HORNE David A.
Number	:NA	4)MA Yuelong
Filing Date	.INA	5)ZER Cindy
(62) Divisional to Application Number	:NA	6)BZYMEK Krzysztof
Filing Date	:NA	7)AVERY Kendra Nicole

(57) Abstract:

An antibody framework binding interface for the cyclic meditopes C QFDLSTRRLK C (cQFD; SEQ ID NO:1) and C QYNLSSRALK C (cQYN; SEQ ID NO:2) and methods for their use are provided herein. In one embodiment a binding interface is formed by a framework region and not a complementarity determining region (CDR) of an antibody or functional fragment thereof. In another embodiment a therapeutic human or humanized antibody has one or more human framework residues replaced with one or more corresponding murine residues such that a meditope having the sequence cQFD or cQYN stably binds the one or more human framework residues.

No. of Pages: 118 No. of Claims: 43

(22) Date of filing of Application :04/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD AND MACHINE FOR PRODUCING PAPERLESS FILTER RODS FOR SMOKING ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A24D :BO2012A 000106 :05/03/2012 :Italy :NA :NA	(71)Name of Applicant: 1)MONTRADE S.R.L. Address of Applicant: VIA ARMANDO SARTI, 6, BOLOGNA, ITALY (72)Name of Inventor: 1)ANTONELLA GIANNINI 2)ALBERTO MONZONI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and machine for producing paperless filter rods for smoking articles, according to which a tow band (11) of hardening-material-impregnated filtering material is fed, by means of porous conveyor (22), along a forming beam (12) having a 10 first portion (29), along which the tow band (11) is injected with steam to cause the hardening material to react, and a second portion (30), along which the tow band (11) is dried with air to obtain, coming out (39) from the forming beam (12), a continuous 15 paperless rigid rod filter (5), which is fed to a cutting device (6); the blowing with steam being performed at a plurality of stabilization stations (45) arranged in series along the first portion (29); and the steam being fed, at each stabilization 20 station (45), into an accumulation chamber (46 + 47) surrounding the forming channel (36) and communicating with the forming channel (36) through an annular nozzle (61 + 62) arranged on a transverse plane to the forming channel (36) and having a 25 constant width, measured along an axis (4) of the forming channel (46), of 400, of 401, or 402, or 403, or 404, or 405, or 405, or 406, or 407, or 406, or 407, or 408, or 409, or 409,

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

(21) Application No.6546/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: REPORTING IN COMMUNICATIONS 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 	:H04W24/10 :NA :NA :NA :PCT/EP2011/052441 :18/02/2011 :WO 2012/110100 :NA	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY Address of Applicant: Karaportti 3 FI 02610 Espoo Finland (72)Name of Inventor: 1)BODOG Gyula
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A communication network comprises a management system a core network element and a radio access network element. The core network element may be a subscriber database or a mobility entity. It is capable of: receiving consent information; receiving from the management system a measurement reporting activation in a network; checking whether at least part of the activation request applies to a subscriber for whom consent information consenting to measurement reporting has been provided; and in the event that consent information consenting to measurement reporting has been provided enabling the activation request by communicating with the radio access network element so that measurement reporting in respect of that subscriber may take place. The measurement reporting activation may be for subscriber based or area based measurements to be made.

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

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD OF MANUFACTURING PZT-BASED FERROELECTRIC THIN FILM

(51) International classification	:C21D	(71)Name of Applicant:
	:2012-	1)MITSUBISHI MATERIALS CORPORATION
(31) Priority Document No	078916	Address of Applicant :3-2, OTEMACHI 1-CHOME
(32) Priority Date	:30/03/2012	CHIYODA-KU, TOKYO 1008117, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)DOI, TOSHIHIRO
Filing Date	:NA	2)SAKURAI, HIDEAKI
(87) International Publication No	: NA	3)WATANABE, TOSHIAKI
(61) Patent of Addition to Application Number	:NA	4)SOYAMA, NOBUYUKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To obtain a dense PZT-based ferroelectric thin film having excellent crystal orientation in which cracking or a decrease in the film density does not occur even when a thick film having a film thickness per layer of 100 nm or more is coated, calcined, and fired using a CSD method. [Means for Resolution] When a PZT-based ferroelectric thin film is manufactured on a lower electrode by coating, calcining, and then firing so as to crystallize a PZTbased ferroelectric thin film-forming composition on the lower electrode of a substrate having the lower electrode in which the crystal plane is oriented in a (111) axis direction, the PZT-based ferroelectric thin film-forming composition is coated on the surface of the lower electrode using a CSD method, and calcination is slowly carried out on a formed sol film in a temperature pattern including a first holding step in which the temperature of the composition is increased from a predetermined temperature such as room temperature using infrared rays and the composition is held at a temperature in a range of 200°C to 350°C and a second holding step in which the temperature of composition is increased from the holding 52

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

(22) Date of filing of Application :03/07/2013

(43) Publication Date : 23/01/2015

(54) Title of the invention: AQUEOUS EXTRACT OF WHOLE FRUITS OF AZADIRACHTA INDICA L. AS AN ANTIFUNGAL AGENT FOR THE TREATMENT OF SAPROLEGNIASIS WITH REFERENCE TO FRESH WATER FISHES

(51) International classification(31) Priority Document No	:A61K36/00 :NA	(71)Name of Applicant: 1)DR. KARUNA SINGH
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ZOOLOGY,
(33) Name of priority country	:NA	MAHILA MAHAVIDYALA, BANARAS HINDU
(86) International Application No Filing Date	:NA :NA	UNIVERSITY, VARANASI, UP-221005 Uttar Pradesh India (72)Name of Inventor:
(87) International Publication No	: NA	1)DR. KARUNA SINGH
(61) Patent of Addition to Application Number	:NA	2)JYOTI RANI
Filing Date	:NA	3)DR KAVINDRA NATH TIWARI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a preferred embodiment of the proposed invention, a process is disclosed to claim the crude aqueous extract of whole fruit of Azadirachta indica or neem which has antifungal activity against water mould Saprolegnia parasitica wherein: the said means for use on fishes which are major constitute of human food and a source to fulfill the increasing food demand of worlds population; the said means for treatment of Saprolegniasis which is an infectious disease found in fishes which is responsible for large scale economic losses in fish farming and aquaculture industry; the said means to minimize the use of chemicals, natural products, essential oils and vegetable drugs which are being used to treat saprolegniasis, which are having limitations, therefore any effective, harmless, eco-friendly and cheap treatment of saprolegniasis is not available till date; the said means for use of Azadirachta indica or neem which is a common tree of tropical vegetation and has antifungal activ-ity against water mould Saprolegnia parasitica. Its extract is eco-friendly, harmless to human and animals, easily available and cheap. Further, due to easy availability and convenient storage of fruits and simple extraction method it could be use in commercial scale as well.

No. of Pages: 15 No. of Claims: 4

(21) Application No.3315/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CYCLONE SEPARATOR

(51) International classification	:B32B5/02,F27B15/08	(71)Name of Applicant:
(31) Priority Document No	:10177470.1	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:17/09/2010	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:EPO	Baden Switzerland
(86) International Application No	:PCT/US2011/048598	(72)Name of Inventor:
Filing Date	:22/08/2011	1)MYLCHREEST George D.
(87) International Publication No	:WO 2012/036845	2)SEMEDARD Jean Claude
(61) Patent of Addition to Application	:NA	3)GAUVILLE Pierre
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cyclone separator that collects entrained solid particles from a gas stream comprising a cylindrical body an inlet duct connected to the body and a gas outlet tube connected to the body at its upper end. The ratio of the distance between the parallel to a face dropped from the tip of the cyclone separator and the closest point of the gas outlet tube to the internal diameter of the body is at least 0.1 as measured at the lower extremity of the gas outlet tube. The ratio of the inlet duct area measured at the tip of the cyclone separator and perpendicularly to the face to the cross sectional area of the body is between 0.24 and 0.32. The ratio of the height of the inlet duct to the width of the inlet duct at the tip of the cyclone separator does not exceed 4.

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SURGICAL INSTRUMENT USAGE DATA MANAGEMENT

		(71)Nome of Applicant.
(71) I	A (1D)	(71)Name of Applicant:
(51) International classification	:A61B	1)ETHICON ENDO SURGERY INC.
(31) Priority Document No	:13/426,792	Address of Applicant :4545 CREEK ROAD, CINCINNATI,
(32) Priority Date	:22/03/2012	OH 45242, USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)CORY G. KIMBALL
Filing Date	:NA	2)DANIEL W. PRICE
(87) International Publication No	: NA	3)WILLIAM E. CLEM
(61) Patent of Addition to Application Number	:NA	4)AMY L. MARCOTTE
Filing Date	:NA	5)DANIUS P. SILKAITIS
(62) Divisional to Application Number	:NA	6)JOHN B. SCHULTE
Filing Date	:NA	7)MICHAEL R. LAMPING
		8)STEPHEN J. BALEK

(57) Abstract:

A surgical instrument operable to sever tissue includes a body assembly and a selectively coupleable end effector assembly. The end effector assembly may include a transmission assembly and an end effector. The body assembly includes a trigger and a casing configured to couple with the transmission assembly. An information transmission system transmits instrument information received from a sensor, for example, to a secure server via a secure gateway connected to the instrument. The instrument may be previously tested on a calibration kit to pre-determine and load surgeon-specific settings onto the instrument prior to use.

No. of Pages: 63 No. of Claims: 20

(21) Application No.6672/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF 4 AMINO 3 CHLORO 5 FLUORO 6 (SUBSTITUTED) **PICOLINATES**

(51) International :C07D213/79,C07D213/803,C07D213/84 classification

(31) Priority Document

:61/435966

(32) Priority Date :25/01/2011 (33) Name of priority :U.S.A.

country

(86) International

Application No

:PCT/US2012/022285

Filing Date

:24/01/2012

(87) International

:WO 2012/103041

Publication No

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

Application Number

:NA

(71)Name of Applicant:

1)DOW AGROSCIENCES LLC

Address of Applicant: 9330 Zionsville Road Indianapolis IN

46268 U.S.A.

(72)Name of Inventor:

1)ARNDT Kim E.

2)RENGA James M.

3)ZHU Yuanming

4)WHITEKER Gregory T.

5)LOWE Christian T.

Filing Date

No. of Pages: 26 No. of Claims: 2

⁽⁵⁷⁾ Abstract:

⁴ Amino 3 chloro 5 fluoro 6 (substituted)picolinates are conveniently prepared from 3 4 5 6 tetrachloropicolinonitrile by a series of steps involving fluorine exchange amination halogen exchange and hydrolysis esterification and transition metal assisted coupling.

(21) Application No.3568/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: POUCH CONNECTOR AND RELATED METHOD

(51) International classification	:B67D1/00	(71)Name of Applicant :
(31) Priority Document No	:61/406080	1)PY Daniel
(32) Priority Date	:22/10/2010	Address of Applicant :1 Helena Avenue Larchmont NY 10538
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/057376	(72)Name of Inventor:
Filing Date	:21/10/2011	1)PY Daniel
(87) International Publication No	:WO 2012/054890	
(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 pouch connector includes a safety cap having a cap base portion and a main connector disposed opposite the safety cap. The main connector and safety cap are configured to receive a portion of a pouch therebetween. The main connector includes a piercing member for piercing the pouch an actuating portion for actuating the piercing member and a main connector base portion. The piercing member is configured to pierce through a portion of the pouch so as to provide fluid communication between a substance inside the pouch and the interior of the main connector. A polymeric membrane is coupled to at least one of the cap base portion and the main connector base portion.

No. of Pages: 49 No. of Claims: 37

(21) Application No.4501/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: A LAMINATE FOR PROTECTING METALS FROM CORROSIVE GASES

(51) International :B32B27/18,B32B27/28,C23F11/00 classification

(31) Priority Document No :12/927986 (32) Priority Date :01/12/2010

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

(86) International Application :PCT/US2010/003259

:28/12/2010 Filing Date

(87) International Publication :WO 2012/074500

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)NORTHERN TECHNOLOGIES INTERNATIONAL

CORPORATION

Address of Applicant: 23205 Mercantile Road Beachwood

Ohio 44122 U.S.A. (72)Name of Inventor:

1)KUBIK Donald 2)NYGAARD Barbara

(57) Abstract:

A corrosive gas resistant laminate comprises an outer polymer layer desirably containing a volatile corrosion inhibitor therein a corrosion gas resistant barrier layer that can be a hydrophilic polymer and a tie layer located between said outer and said barrier layers. The various laminates have improved transmission resistance with regard to corrosive gases such as oxygen hydrogen sulfide and halogen gases such as chlorine. The laminates can be used to protect metal during storage and transit.

No. of Pages: 50 No. of Claims: 25

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: CONTROL APPARATUS AND METHOD FOR A HYDROSTATICALLY ACTUATED VEHICLE

(51) International :B60W10/06,B60W10/10,B60W30/18 classification

(31) Priority Document No :12/972103 :17/12/2010 (32) Priority Date (33) Name of priority

:U.S.A. country

(86) International :PCT/US2011/063625

Application No :07/12/2011 Filing Date

(87) International

:WO 2012/082474 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) CATERPILLAR PAVING PRODUCTS INC.

Address of Applicant: 9401 85th Avenue North Brooklyn Park

MN 55445 2199 U.S.A. (72)Name of Inventor: 1)LENTON Ryan Patrick

(57) Abstract:

A method and apparatus for controlling operation of an engine (30) in a hydrostatically driven vehicle (20) having high and economy modes may include monitoring one or more control inputs. When in the economy mode the engine (30) may be operated: at a fixed propel neutral speed when a propel control input (78) is in a neutral position; at a fixed propel drive speed when the propel control input (78) is in a drive position and a propel pump displacement signal is less than a maximum displacement position of a propel pump (52); and at a variable drive speed when the propel control input (78) is in the drive position and the propel pump displacement signal indicates a maximum displacement position. The economy mode conserves fuel while ensuring that sufficient engine (30) power is maintained to operate the propel and any implement pumps (52) provided on the vehicle (20).

No. of Pages: 33 No. of Claims: 10

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A GUIDANCE APPARATUS OF A TANKER 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 	:H05B :12382085.4 :07/03/2012 :EUROPEAN UNION :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)EADS CONSTRUCCIONES AERONAUTICAS, S.A. Address of Applicant :AVENIDA JOHN LENNON S/N 28906 GETAFE (MADRID), SPAIN (72)Name of Inventor: 1)IGNACIO YAGUE MARTIN
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(57) Abstract:

A guidance apparatus mounted on the belly of a tanker aircraft for providing visual indications to the pilot of the receptor aircraft with respect to the approaching operation to carry out the refueling by means of a refueling boom is provided. The guidance apparatus comprises light emitting devices (1 1) including modules of light emitting diodes (LEDs) and control devices (41, 61) for supplying current to them that include dimming control units (45, 65) for controlling the intensity of the light emitted by said light emitting devices (11) by means of a dimming signal depending on a dimming voltage (Vdim). The dimming control units (45, 65) are adapted to provide to the light emitting devices (1 1) a pulse-exponential amplitude modulated dimming signal (Vref2) so that the light intensity can be properly controlled in all visibility conditions.

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

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: APPARATUS FOR APPLYING HOT MIX FOR TAR SEALED ROADS

(51) International classification	:E01C19/10	(71)Name of Applicant:
(31) Priority Document No	:2011900243	1)TRIMBORN Herbert Johann
(32) Priority Date	:27/01/2011	Address of Applicant :47 Glen Esk Road South Esk
(33) Name of priority country	:Australia	Queensland 4312 Australia
(86) International Application No	:PCT/AU2012/000034	(72)Name of Inventor:
Filing Date	:18/01/2012	1)TRIMBORN Herbert Johann
(87) International Publication No	:WO 2012/100285	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus is disclosed for preparing a hot mix comprising aggregate and bitumen. The apparatus comprises a cylindrical vessel [16] incorporating a mixing chamber [42] provided with a rotating paddle assembly [SO] for mixing aggregate and bitumen loaded into the mixing chamber. The vessel also incorporates a heating chamber [44] located below and separated from the mixing chamber by a dome shaped separating element [46a 46b] the centre of which is located at a higher level than its periphery. The heating chamber has a lower part [72] with a diameter that is less than that of its upper part [102]. A blower [93] is provided to force air into the lower part through a horizontally disposed passage [92] in which an oil [90] or gas burner is located for heating the air. The axis [] of the passage is offset from the vertical axis [X] of the heating chamber. The arrangement causes the heated air to spiral upwardly and outwardly [98] as it passes first through the lower part [72] and then through the upper [102] of the heating chamber traversing the separating element before exiting through apertures [56] disposed about the periphery of the separating element. The mix of aggregate and bitumen in the mixing chamber is heated by the heat transferred from the air as it passes over the separating element The rotary motion of the air is beneficial in distributing the heat uniformly over the separating element.

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

(19) INDIA

(22) Date of filing of Application: 16/07/2013

(21) Application No.6347/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: SEAL RING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:19/12/2012 :WO 2013/094654 :NA :NA :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA RIKEN Address of Applicant:13 5 Kudankita 1 chome Chiyoda Ku Tokyo 1028202 Japan (72)Name of Inventor: 1)NAGAI Junya 2)SAITO Mika 3)SHIBANO Tomoya
Filing Date	:NA	

(57) Abstract:

A plurality of concave portion to be spaced apart from each other in a circumferential direction through a pillar portion is formed in an inner circumferential side of a side surface of a seal ring mounted in a shaft groove formed in an outer circumferential surface of a shaft. The concave portion including a deepest portion, and two inclined portions, connects the inclined portion positioned at an opposite side in a rotational direction and the adjacent pillar portion with a curved surface having a shape convex, and further, makes a width in the circumferential direction of the inclined portion of the rotational direction side smaller than a width in the circumferential direction of the inclined portion of the opposite side in the rotational direction.

No. of Pages: 42 No. of Claims: 5

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: YARN DEFECT CLASSIFYING DEVICE AND YARN WINDING MACHINE

(51) Intermetional alogatication	:G01N	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012-	1)MURATA MACHINERY, LTD.
(51) Thomas Bocament 110	074273	Address of Applicant :3 MINAMI OCHIAL-CHO,
(32) Priority Date	:28/03/2012	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326,
(33) Name of priority country	:Japan	JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAKATANI MASATOSHI
(87) International Publication No	: NA	2)MINAMINO KATSUSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A yarn defect classifying device for a yarn winding machine includes a yarn defect detecting device (5) adapted to detect a yarn defect, a removal determination section (53N, 53S, 53L) adapted to calculate a removal determination value for a set length of the yarn (Y) inaccordancewithadetectedthickness of the yarndefect detected 10 by the yarn defect detecting device (5), and to determine removal of the yarn defect when the removal determination value exceeds a prescribed value, and a calculating section (54N, 54S, 54L) adapted to calculate a display thickness and a display length of the yarn defect inaccordance with the detectedthickness and a detectedlength of the yarn defect.

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

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD OF MANUFACTURING FERROELECTRIC 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 	:Japan :NA :NA : NA :NA	(71)Name of Applicant: 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant: 3-2, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO 1008117, JAPAN (72)Name of Inventor: 1)IIDA, SHINTARO 2)SAKURAI, HIDEAKI
(87) International Publication No		
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To obtain a dense and crack-free ferroelectric thin film after firing a thin film ejected and formed using electrostatic spray. [Means. for Resolution] A method of manufacturing a ferroelectric thin film on a lower electrode by electrostatically spraying a ferroelectric thin filmforming electrostatic spray solution from a spout of a capillary toward the lower electrode of a substrate having the lower electrode so as to coat the electrostatic spray @ solution on the lower electrode and form a coated film, drying, calcining, and then firing the coated film so as to crystallize the coated film. In this method, the electrostatic spray solution is a mixed solution in which a ferroelectric thin film-forming sol-gel solution and powder having the same composition as the solid content of the sol-gel solution and having a particle diameter that can be ejected from the spout are uniformly mixed, and, when the metallic compound-converted mass of a metallic compound dissolved in the sol-gel solution is represented by A and the mass of the powder is represented by B, a ratio of B with respect to (A+B) is in a range of 5% to 40%.

No. of Pages: 40 No. of Claims: 2

(22) Date of filing of Application :26/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: INTEGRATED ELECTRODE ASSEMBLY AND SECONDARY BATTERY USING SAME

(51) International :H01M10/04,H01M2/16,H01M10/0566 classification

:02/03/2012

:NA

:Republic of Korea

:WO 2012/118338

:PCT/KR2012/001560

(31) Priority Document :1020110018757

(32) Priority Date :03/03/2011

(33) Name of priority

country

(86) International Application No

Filing Date

(87) International Publication No

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

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

(71)Name of Applicant: 1)LG CHEM LTD.

Address of Applicant :20 Yoido dong Youngdungpo gu Seoul

150 721 Republic of Korea (72)Name of Inventor:

1)CHANG Sung Kyun

2)KWON YoHan 3)HONG Seung tae

4)KIM Je Young

(57) Abstract:

Disclosed herein is an integrated electrode assembly including a cathode, an anode, and a separation layer integrated between the cathode and the anode. The separation layer includes 3 phases including a liquid-phase component containing an 5 ionic salt, which partially flows from the separation layer into the cathode and the anode during preparation of the integrated electrode assembly to increase ionic conductivity of the cathode and the anode, a solid-phase component supporting the separation layer between the cathode and the anode, and a polymer matrix having affinity for the liquidphase component and providing binding force with the cathode and the anode.

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

(21) Application No.6288/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PRODUCT AND METHOD OF PRODUCING A SHAPE RETAINING NONWOVEN MATERIAL

(51) International classification :B32B37/14,D04H1/74,D04H3/005

(31) Priority Document No :61/424475

(32) Priority Date :17/12/2010
(33) Name of priority country: U.S.A.

(86) International Application :PCT/IB2011/003326

No :16/12/2011

Filing Date :16/12/2011

(87) International Publication :WO 2012/080848

(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)TAMICARE LTD.

Address of Applicant : Aries House Cams Lane Radcliffe

Manchester M26 3SW U.K. (72)Name of Inventor:
1)GILOH Ehud

2)GILOH Tamar

A hybrid shape retaining non woven structure (100) of at least two layers is disclosed. A first functional layer (101) includes an expandable nonwoven sheet having an expansion character allowing for elongation in at least one direction and a second functional layer (102) includes a shape retaining material. The first functional layer and second functional layer are associated with each other.

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TITANIUM ALUMINIDE INTERMETALLIC COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date	:C22C :61/615,253 :24/03/2012	
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WEIMER, MICHAEL JAMES
(87) International Publication No	: NA	2)BEWLAY, BERNARD PATRICK
(61) Patent of Addition to Application Number	:NA	3)GIGLIOTTI JR, MICHAEL FRANCIS XAVIER
Filing Date	:NA	4)KELLY, THOMAS, JOSEPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Gamma titanium aluminide intermetallic compositions (gamma TiAl intermetallics) based on the TiAl (gamma) intermetallic compound. The gamma TiAl intermetallics contain chromium and niobium, as well as controlled amounts of carbon that achieve a desirable balance in room temperature mechanical properties and high temperature creep capabilities at temperatures approaching and possibly exceeding 1600°F (about 870°C).

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

(22) Date of filing of Application :24/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : AN INORGANIC MULTILAYER STACK AND METHODS AND COMPOSITIONS RELATING THERETO

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	n:B32B15/04,B32B9/00,H01L51/50 :61/436726 :27/01/2011 :U.S.A.	(71)Name of Applicant: 1)VITRIFLEX INC. Address of Applicant:1565 Barber Lane Milpitas California 95035 7409 U.S.A.
(86) International Application No Filing Date (87) International Publication	:PCT/US2012/022809 :27/01/2012	(72)Name of Inventor: 1)PRASAD Ravi 2)HOLLARS Dennis R.
No (61) Patent of Addition to Application Number Filing Date	:WO 2012/103390 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multilayer stack is described. The multilayer stack includes: (i) one or more inorganic barrier layers for reducing transport of gas or vapor molecules therethrough; (ii) an inorganic reactive layer disposed adjacent to one or more of the inorganic barrier layers and the reactive layer capable of reacting with the gas or the vapor molecules; and (iii) wherein in an operational state of the multilayer stack the vapor or the gas molecules that diffuse through one or more of the inorganic barrier layers react with the inorganic reactive layer and thereby allow said multilayer stack to be substantially impervious to the gas or the vapor molecules.

No. of Pages: 23 No. of Claims: 36

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : FLOWER CATHETER FOR MAPPING AND ABLATING VEINOUS AND OTHER TUBULAR LOCATIONS

(51) International classification (31) Priority Document No	:A61B :13/425,895	(71)Name of Applicant: 1)BIOSENSE WEBSTER (ISRAEL), LTD.
(32) Priority Date	:21/03/2012	Address of Applicant :4 HATNUFA STREET, YOKNEAM
(33) Name of priority country	:U.S.A.	20692, ISRAEL
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ITZHAK FANG
(87) 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 improved catheter particularly useful for tubular regions at or near the heart has a distal assembly having at least two spines, each having a proximal end fixed to the catheter and a free distal end. Each spine has a support arm supporting the spine in a generally L-shaped configuration when the spine is in a relaxed, neutral state and in a generally U-shaped configuration when the spine is inserted into a tubular region. The spine has a proximal portion and a distal portion that may be straight or curved or zig-zagged. Each spine carries a tip electrode and at least one ring electrode that come into contact simultaneously with heart tissue for ablation andlor sensing electrical activity along two different circumferences of the tubular region simultaneously.

No. of Pages: 41 No. of Claims: 21

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A METHOD FOR AUDITING THE VALUE OF A PARTIAL TICKET CHANGE TRANSACTION

(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 	:11305308.6 :18/03/2011 :EPO :PCT/EP2012/054141 :09/03/2012 :WO 2012/126747 :NA :NA	(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)MORTAGNE Guillaume 2)ANGELINI Christophe 3)LEON Norbert
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(57) Abstract:

The invention is for auditing the value of a change for at least one non used portion of an interline ticket in a networked travel reservation system including programmed processor performing receiving a request for a change for at least a non used portion of an interline ticket; calculating the prorated amounts for the original itinerary (Refund) and both the original and new itineraries (Exchange); authorizing the change upon the validating airline ticket s balance being equal or greater than a predefined threshold; and triggering an event upon the validating airline ticket s balance being less than a predefined threshold.

No. of Pages: 18 No. of Claims: 24

(21) Application No.4889/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/06/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: A FILTER COMPONENT

(51) International :B01D29/05,B01D29/23,B01D29/60 classification

(31) Priority Document No :RE2011A000004 (32) Priority Date :04/02/2011

(33) Name of priority country: Italy

(86) International :PCT/IB2012/000126 Application No

:26/01/2012 Filing Date

(87) International Publication :WO 2012/104699

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)UFI FILTERS S.P.A.

Address of Applicant :26 Via Europa I 46047 Porto

Mantovano (Mantova) Italy (72)Name of Inventor: 1)GIRONDI Giorgio

(57) Abstract:

A component (5) for filters (10) comprising a plate (50) provided with at least a through opening (54) in a thickness thereof and a perimeter edge to which a seal (51) is fixed which seal (51) is destined to be interposed between a beaker shaped body (21) and a cover (22) of a casing (20) of a filter (10) and a flat filter wall (55) fixed to the plate (50) in such a way as to intercept the at least a through opening (54) and a hollow shank (53) suitable for accommodating the end of a pipe (56) for removal of the water accumulated on the bottom of the beaker body (21).

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

(19) INDIA

(22) Date of filing of Application :17/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SEAL RING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:19/12/2012 :WO 2013/094657 :NA :NA :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA RIKEN Address of Applicant: 13 5 Kudankita 1 chome Chiyoda Ku Tokyo 1028202 Japan (72)Name of Inventor: 1)NAGAI Junya 2)SAITO Mika 3)SHIBANO Tomoya
•	:NA :NA	

(21) Application No.6381/DELNP/2013 A

(57) Abstract:

Provided is a seal ring which has low-friction characteristics and low-leakage characteristics, reduces drive loss of the automatic transmission of an automobile, and contributes to improvement in fuel consumption of the automobile. The seal ring is attached to a shaft groove on the outer peripheral surface of a shaft. A plurality of recessed sections circumferentially spaced apart from each other with pillar sections interposed therebetween are formed at least on the inner peripheral side of a side surface of the seal ring in contact with the shaft groove. The circumferential opposite ends of each of the recessed sections are formed as squeezing portions formed of curved surfaces convex toward the pillar sections. The depth h of a deepest portion in which the axial width of the recessed section is the largest is set in the range of 2 to 17 where the axial width of the seal ring is 100.

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

(21) Application No.6493/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TASTE MASKED ORAL CARE COMPOSITIONS

(51) International classification	:A61Q11/00,A61K8/33,A61K8/34	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application	:PCT/US2011/024874	(72)Name of Inventor:
No	:15/02/2011	1)VOGT Robert
Filing Date	.13/02/2011	2)KOHRS Karsten
(87) International Publication	:WO 2012/112141	3)FISHER Steven Wade
No	.WO 2012/112141	4)CAMPBELL Thomas
(61) Patent of Addition to	.NI A	5)PRENCIPE Michael
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	·NI A	
Number	:NA	
Filing Data	:NA	

(57) Abstract:

Filing Date

Flavour components for use in oral care compositions containing a metal salt compositions comprising the flavour components and methods of making and using the same. The flavour components comprise a taste masking agent comprising cinnamic aldehyde eugenol and eucalyptol and one or more flavouring agents selected from L menthol N ethyl p menthane 3 carboxamide anethole peppermint oil spearmint oil and corn mint oil. In particular the metal salt is zinc citrate.

No. of Pages: 16 No. of Claims: 22

(21) Application No.6726/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: HYDROMETHANATION OF A CARBONACEOUS FEEDSTOCK WITH NICKEL RECOVERY

(51) International classification (31) Priority Document No	:C10J3/00,C10L3/08,C22B7/00 :61/445845	1)GREATPOINT ENERGY INC.
(32) Priority Date(33) Name of priority country	:23/02/2011 :U.S.A.	Address of Applicant :222 Third Street Suite 2163 Cambridge MA 02142 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date (87) International Publication No	:22/02/2012 :WO 2012/116003	1)RAPPAS Alkis S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SPITZ Robert A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to processes for hydromethanating a nickel containing (and optionally vanadium containing) carbonaceous feedstock while recovering at least a portion of the nickel content (and optionally vanadium content) originally present in the carbonaceous feedstock.

No. of Pages: 60 No. of Claims: 10

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NUTRITIONAL PRODUCTS COMPRISING BETA HYDROXY BETA METHYLBUTYRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23L1/29,A23L1/30,A23L1/304 :61/439950 :07/02/2011 :U.S.A. :PCT/US2012/023767 :03/02/2012 :WO 2012/109105 :NA :NA :NA	(71)Name of Applicant: 1)ABBOTT LABORATORIES Address of Applicant: 100 Abbott Park Road Dept. 0377 AP6A 1 Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor: 1)JOHNS Paul W. 2)PEREIRA Suzette L. 3)KENSLER Ann M.
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(57) Abstract:

Disclosed are shelf stable nutritional products including beta hydroxy beta methylbutyrate (HMB) and an oxidatively active species such as iron or copper. The HMB restricts the capacity of the oxidative species to catalyze the oxidation of nutrients such as fatty acids and vitamins thereby imparting both nutritional benefits and sensory benefits to the nutritional products.

No. of Pages: 40 No. of Claims: 15

(21) Application No.6728/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : PHENYLPYRUVATE REDUCTASE AND METHOD FOR MANUFACTURING OPTICALLY ACTIVE PHENYLLACTIC ACID AND 4 HYDROXYL PHENYLLACTIC ACID USING SAME ENZYME

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	EPC 1/JP2012/051989 30/01/2012 EWO 2012/105495 ENA	(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)KONISHI Kazunobu 2)TAKAYA Naoki
Number	NA NA	

(57) Abstract:

The present invention provides a phenylpyruvate reductase by which highly pure optically active 3 phenyllactic acid and highly pure 4 hydroxyl phenyllactic acid can be efficiently obtained a gene coding for the same and a method for manufacturing optically active 3 phenyllactic acid and 4 hydroxyl phenyllactic acid using the reductase and gene.

No. of Pages: 133 No. of Claims: 13

(21) Application No.5483/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: POWERTRAIN FOR A VEHICLE

(51) International classification :B60W10/08,B60K6/40,B60K6/48 (71)Name of Applicant : (31) Priority Document No :10513844 1)SCANIA CV AB (32) Priority Date :29/12/2010 Address of Applicant

(33) Name of priority country :Sweden

(86) International Application :PCT/SE2011/051529

Filing Date :16/12/2011

(87) International Publication :WO 2012/091659

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

(62) Divisional to Application
Number

Filing Date

:NA
:NA

(57) Abstract :

1)SCANIA CV AB
Address of Applicant :S 151 87 Sdertlje Sweden
(72)Name of Inventor :

1)ENGSTR-M Jrgen 2)BERGQUIST Mikael

The present invention relates to a propulsion system for a vehicle. An output shaft (2) of a combustion engine (1) is connected to a first component (9) of a planetary gear so that they rotate at a first speed (n). An input shaft (3) of a gearbox (4) is connected to a second component (11) of the planetary gear so that they rotate at a second speed (n). An electrical machine is connected to a third component (10) of the planetary gear so that said third component (10) rotates at a third speed (n). The propulsion system comprises a control unit (17) adapted to estimating in certain appropriate operating situations a desired speed (n) for the gearbox input shaft (3) to receiving information about the speed (n)of the engine output shaft (2) and to causing the electrical machine to give the third component (10) of the planetary gear a speed (n) which in conjunction with the speed (n) of the engine output shaft (2) results in the gearbox input shaft (3) assuming the desired speed (n).

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: APPARATUS FOR LIGHTING PROTECTION WITH SPRING-TYPE ELECTRODES AND AN ELECTRIC POWER LINE PROVIDED WITH SUCH AN APPARATUS

(51) International classification	:H01R	(71)Name of Applicant:
(31) Priority Document No	:201200383	1)OTKRYTOE AKTSIONERNOE OBSCHESTVO NPO
(32) Priority Date	:05/03/2012	STREAMER
(33) Name of priority country	:EPO	Address of Applicant :NEVSKY PR. D. 147, POM 17N,
(86) International Application No	:NA	SANKT-PETERSBURG, 191024, RUSSIAN FEDERATION
Filing Date	:NA	Russia
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PILSCHIKOV, VLADIMIR EVSEEVICH
Filing Date	:NA	2)PODPORKIN, GEORGY VIKTOROVICH
(62) Divisional to Application Number	:NA	3)SIVAEV, ALEXANDR DMITRIEVICH
Filing Date	:NA	

(57) Abstract:

An apparatus for lightning protection of electrical equipment or electric power line elements is disclosed. The apparatus comprises an insulating body made of a dielectric, at least two main electrodes mechanically coupled with the insulating body, a rod-shaped electrode set inside the insulating body along its axis and electrically connected to one of the main electrodes, and two or more intermediate electrodes set on the insulating body between the main electrodes with mutual displacement along at least a longitudinal axis of the insulating body. The present invention is characterized in that at least part of the intermediate electrodes is made as wire springs settable on the insulating body.

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

(21) Application No.6508/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PRIMER COMPOSITION AND LAMINATE

(51) International classification :B32B27/20,C08L83/12,C09D183/12 (31) Priority Document No :2011017035

(31) Priority Document No :2011017035 (32) Priority Date :28/01/2011 (33) Name of priority

country :Japan

(86) International Application No :PCT/JP2012/052573

Filing Date (87) International 30/01/2012

Publication No :WO 2012/102412

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

(71)Name of Applicant:

1)DOW CORNING TORAY CO. LTD.

Address of Applicant :5 1 Otemachi 1 chome Chiyoda ku

Tokyo 1000004 Japan (72)Name of Inventor: 1)TANAKA Hidefumi 2)TANI Toshikazu 3)ENDO Shuji

4)YAMADA Takateru

(57) Abstract:

Imparting superior electrification preventing or reducing properties to a cured silicone product without inhibiting adhesion between a substrate and the cured silicone product when integrating the substrate and the cured silicone product via a primer layer. A condensation reaction curable primer composition comprising a lithium salt (a) and a polyether modified polysiloxane (b); and a laminate obtained by integrating a substrate and a cured silicone product using an electrification preventing or reducing primer layer (cured product of the composition).

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

(19) INDIA

(22) Date of filing of Application :29/07/2013

(21) Application No.6742/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: HYDRODYNAMIC 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 	:G01L3/10 :10 2011 010 153.5 :02/02/2011 :Germany :PCT/EP2012/000324 :25/01/2012 :WO 2012/104032 :NA :NA :NA	(71)Name of Applicant: 1)VOITH PATENT GMBH Address of Applicant: St. Pltener Str. 43 89522 Heidenheim Germany (72)Name of Inventor: 1)SCHLOSSER Markus 2)LHRS Thorsten 3)MENNE Achim 4)LAUKEMANN Dieter 5)SCHADE Ravi 6)FOEHL Bruno 7)KIBLER J¹⁄rgen 8)EBERT Christian
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(57) Abstract:

The invention relates to a hydrodynamic component comprising at least two elements which form a working chamber therebetween and which comprises a primary wheel and a secondary wheel. A working medium which can be introduced into the working chamber allows torque to be transmitted between said elements. At least one of the elements is arranged in a rotationally fixed manner on a shaft. The hydrodynamic component comprises a device for detecting a variable characterising at least directly the transmitted torque and/or the rotation of the shaft. According to the invention, the shaft is at least designed to have at least two sections which are at an gxial distance from each other and which are made of a ferromagnetic material and is provided with a magnetic field which is rotationally stable with the respective section. Magnetic field sensors are arranged in areas corresponding to the at least two sections.

No. of Pages: 23 No. of Claims: 18

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DISPENSING A BEVERAGE FROM A LIQUID CONCENTRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B67D3/00 :61/456696 :10/11/2010 :U.S.A. :PCT/US2011/001866 :08/11/2011 :WO 2012/064355 :NA :NA	(71)Name of Applicant: 1)LANCER CORPORATION Address of Applicant: 6655 Lancer Blvd. San Antonio TX 78219 U.S.A. (72)Name of Inventor: 1)SMELLER Donald W. 2)JENNINGS Jarrell L. III 3)ROBINSON Robert L. 4)GOOD Merrill R. 5)HERNANDEZ George E.
(61) Patent of Addition to Application Number	:NA	3)ROBINSON Robert L. 4)GOOD Merrill R.
(62) Divisional to Application Number Filing Date	:NA :NA	CALLER WILL GOORGE Z.

(57) Abstract:

A nozzle system for use with a multi flavor beverage dispenser includes a mixing chamber having a fluid outlet therefrom; a diluent injector configured to deliver a mixing fluid from without to within the mixing chamber; and a number of concentrate injectors configured to independently deliver a fluid concentrate from without to within the mixing chamber. The concentrate injector each have associated therewith a self sealing dispensing valve configured to substantially limit fluid flow through its respective concentrate injector to from without the mixing chamber to within the mixing chamber.

No. of Pages: 39 No. of Claims: 6

(21) Application No.6716/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: OUTSIDE LIVE MIGRATION

(51) International classification	:G01R33/46	(71)Name of Applicant :
(31) Priority Document No	:13/044494	1)AMAZON TECHNOLOGIES INC.
(32) Priority Date	:09/03/2011	Address of Applicant :P.O. Box 8102 Reno Nevada 89507
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/028480	(72)Name of Inventor:
Filing Date	:09/03/2012	1)DICKINSON Andrew B.
(87) International Publication No	:WO 2012/122474	2)BRANDWINE Eric Jason
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Global remappable addresses can be announced from multiple points across the Internet or other public networks. A global address can be mapped to one or more internal addresses for a provider such that when traffic is received to a network location the provider can determine whether the traffic is to be processed in the current network location or a different network location as may be determined using a static process or a dynamic process based on any of a number of factors. If the traffic is destined for a different network location the traffic can be remapped and forwarded to that network location. Once the traffic is in the determined destination network location the traffic can be remapped and delivered to the ultimate destination. The remappings and destination network locations can be adjusted at any time based on any of a number of factors without significant risk of dropping traffic.

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

(21) Application No.6718/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: INTRANASAL DELIVERY DEVICES

(51) International classification :A61M15/08,A61M13/00 (71)Name of Applicant : (31) Priority Document No :61/437994

(32) Priority Date :31/01/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/JP2012/000620 Filing Date :31/01/2012

(87) International Publication No :WO 2012/105236

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

1)SHIN NIPPON BIOMEDICAL LABORATORIES LTD.

Address of Applicant: 2438 Miyanoura cho Kagoshima shi

Kagoshima 8911394 Japan (72)Name of Inventor: 1)TSUTSUI Tatsuo

(57) Abstract:

Devices for delivery of dry powder formulations are also provided. Devices can be single use devices. Formulations and methods of manufacture are provided for dry powder compositions suitable for intranasal administration. Also provided are methods of use for preventing or controlling emesis and other diseases and disorders and devices compositions and methods for nasal delivery of therapeutic formulations.

No. of Pages: 74 No. of Claims: 71

(22) Date of filing of Application :26/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : SYSTEM TO PERFORM A VAPOR COMPRESSION REFRIGERATION CYCLE USING WATER AS THE REFRIGERANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:23/01/2012 :WO 2012/102992 :NA :NA	(71)Name of Applicant: 1)CARRIER CORPORATION Address of Applicant: 1 Carrier Place Farmington Connecticut 06034 U.S.A. (72)Name of Inventor: 1)SANGIOVANNI Joseph J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system to perform a vapor compression refrigeration cycle using water as the refrigerant is provided and includes an evaporator to output water vapor having a water vapor temperature of a first temperature and a water vapor pressure of a first pressure a condenser to output liquid water at a second temperature which is higher than the first temperature and a second pressure which is higher than the first pressure and a compressor operably disposed downstream from the evaporator and upstream from the condenser to compress the water vapor to thereby increase the water vapor temperature from the first temperature and to thereby increase the water vapor pressure from the first pressure by at least a 7:1 ratio.

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

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PZT BASED FERROELECTRIC THIN FILM AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:C21D	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)MITSUBISHI MATERIALS CORPORATION
(31) I Hority Document No	079194	Address of Applicant :3-2, OTEMACHI 1-CHOME,
(32) Priority Date	:30/03/2012	CHIYODA-KU, TOKYO 1008117, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NOGUCHI, TAKASHI
Filing Date	:NA	2)DOI, TOSHIHIRO
(87) International Publication No	: NA	3)SAKURAI, HIDEAKI
(61) Patent of Addition to Application Number	:NA	4)WATANABE, TOSHIAKI
Filing Date	:NA	5)SOYAMA, NOBUYUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a PZT-based ferroelectric thin film having higher lifetime reliability while maintaining the same dielectric characteristics as a ferroelectric thin film of the related art and a method of manufacturing the same. [Means for Resolution] A PZT-based ferroelectric thin film formed on a lower electrode of a substrate having the lower electrode in which the crystal plane is oriented in a (111) cQ axis direction, having an orientation controlling layer which is formed on the lower electrode and has a layer thickness in which a crystal orientation is controlled in a (100) plane preferentially in a range of 45 nm to 150 nm, and a film thickness adjusting layer which is formed on the orientation controlling layer and has the same crystal orientation as the crystal orientation of the orientation controlling layer, in which an interface is formed between the orientation controlling layer and the film thickness adjusting layer.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PROVIDING A SESSION IN A HETEROGENEOUS 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 	:H04L29/08 :11305280.7 :15/03/2011 :EPO :PCT/EP2012/054565 :15/03/2012 :WO 2012/123546 :NA :NA :NA	(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)DEFAYET Christophe 2)MARTIN Simon 3)MONBEL Stphane
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(57) Abstract:

A computer implemented method and system are disclosed for providing a user with a consistent view of user session in a distributed environment wherein the session requires establishing conversations between the external device (200 300 300) and application servers (A1 .. C4) of a system (100). The system (100) is provided with at least a routing means (10 15) configured to establish for a given session a conversation between the external device (200 300 300) and one of the application servers. Establishing the conversation comprises the following steps performed at the routing means (10 15) with at least one data processor: receiving a call from one among the application server and the external device to reach the other among the application server and the external device; determining if the call comprises a session identifier (ID) If the call does not comprise a session ID then opening a session for said conversation creating a session ID that uniquely identifies said session adding the session ID to the call storing the session ID and routing the call to the other among the application server and the external device (200 300 300) establishing thereby the conversation; If the call already comprises a session ID then routing the call to the other among the application server and the external device (200 300 300) and allowing said conversation to join an already opened session that is uniquely identified by said session ID thereby establishing the conversation and enabling the conversation to share the context of said already opened session.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM AND METHOD FOR PROCESSING COMPLEX QUERIES

(51) International classification	:G06F17/30	(71)Name of Applicant:
(31) Priority Document No	:11305300.3	1)AMADEUS s.a.s.
(32) Priority Date	:17/03/2011	Address of Applicant :485 route du Pin Montard SOPHIA
(33) Name of priority country	:EPO	ANTIPOLIS F 06410 Biot France
(86) International Application No	:PCT/EP2012/054520	(72)Name of Inventor:
Filing Date	:15/03/2012	1)PAUCHET David
(87) International Publication No	:WO 2012/123523	2)JANIN Beno®t
(61) Patent of Addition to Application	:NA	3)DANIELLO Rudy
Number	:NA	4)DUFRESNE Thierry
Filing Date	.11/1	5)PATOUREAUX Marc
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and system for processing complex queries each corresponding to a plurality of components to be combined. Elements corresponding to these components are searched. The elements are of different element types and are originally described by definition data having heterogeneous data structures. A conversion step transforms the heterogeneous definition data into converted definition data of one single format. An engine then retrieves elements and builds associations of elements matching the query parameters based on the converted definition data thereby providing with a reply to the query in an optimized manner.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PROCESSING DATA FOR DATABASE MODIFICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F9/50 :11305822.6 :28/06/2011 :EPO	(71)Name of Applicant: 1)AMADEUS S.A.S. Address of Applicant: 485 route du Pin Montard SOPHIA ANTIPOLIS F 06410 Biot France
(86) International Application No Filing Date	:PCT/EP2012/062295 :26/06/2012	(72)Name of Inventor : 1)JULLIEN Ren
(87) International Publication No	:WO 2013/000883	2)MOREAU Vincent
(61) Patent of Addition to Application Number	:NA	3)BECKER Muriel
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and system for processing data for database modification comprising receiving a set of data performing a processing chain comprising a plurality of consecutive jobs to transform the set of data into transformed data modifying a production database with respect to the transformed data and further comprising the steps of setting a target processing time for the performance of the consecutive jobs before a launch of a first job applying an original configuration as current configuration defining a parallelization level for each of the consecutive jobs before a launch of at least one further job after the first job upon an actual remaining processing time being out of a range of acceptable remaining processing times applying an adapted configuration as new current configuration defining an adapted parallelization level for each of the jobs remaining in the processing chain said adapted configuration differing from the current configuration. Application to integration of large volumes of data into databases.

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

(22) Date of filing of Application :07/02/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AN IMPROVED ELECTRO MECHANICAL ACTUATOR

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:F16H :12382047.4 :10/02/2012 :EUROPEAN UNION :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)EADS CONSTRUCCIONES AERONAUTICAS S.A. Address of Applicant: AVDA. JOHN LENNON S/N 2896 GETAFE MADRID, SPAIN (72)Name of Inventor: 1)SANTIAGO FLORES GIRALDO 2)FRANCISO JAVIER FERNANDEZ GARCIA
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(57) Abstract:

A two-stage linear actuator particularly applicable to aircraft control surfaces is provided. The first stage comprises a rotary input shaft driven by an electric motor having a helical threaded zone in its external surface at its inner end and a plurality of first helical roller gears configured to engage with the rotary input shaft in its helical threaded zone for rotating together. The second stage comprises a plurality of second helical roller gears configured to engage with the first helical roller gears for rotating together and with an output shaft having a helical threaded zone in its external surface at its inner end for converting the rotation of the second helical roller gears in a linear movement of the output shaft.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DIRECT SOLAR RADIATION COLLECTION AND CONCENTRATION ELEMENT AND 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	:F24J2/08,F24J2/54 :NA :NA :NA :PCT/ES2011/070090 :11/02/2011 :WO 2012/107605 :NA :NA	(71)Name of Applicant: 1)CASELLES FORN‰S Jaime Address of Applicant: Pd. Cometes 28 Pedreguer E 03750 Alicante Spain (72)Name of Inventor: 1)CASELLES FORN‰S Jaime
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Element, panel and direct solar radiation collecting and concentrating system by means of panels with collecting and concentrating elements which are allowed 5 freedom of movement during diurnal and seasonal sun tracking. The elements in question incorporate a primary lens concentrating direct radiatiElement, panel and system for collecting and concentrating direct solar radiation by means of panels of collection and o concentration elements granted freedom of movement in daily and seasonal solar tracking. These elements are formed by a primary direct-radiation concentrator lens. The element has hollow compartments containing a specific fluid at a specific pressure. In the lower part, a secondary lens and/or an internally reflective conical element allow/s the introduction of the radiation in parallel in conduits or an optical fibre or irradiation on radiation-conversion systems. Movement of the element arises from heating and pressure of the fluid in the side compartments. This pressure is communicated to the sha±s via pistons such that the rotational movement of the element, seeking the best position for optimum focusing on the secondary lens, is generated.on. The element includes hollow compartments which contain a given fluid at a given pressure. The lower section includes a secondary lens and/or internally reflexive conical element allowing the introduction of radiation, in parallel, into tubes or optical 10 fibre, or irradiation onto radiation converting systems. The movement of the device is produced by fluid heating and pressure in the side compartments. This pressure is communicated to the axes via pistons which cause the device to rotate in search of the optimal position with a view to optimizing its focus on the secondary lens.

No. of Pages: 49 No. of Claims: 46

(21) Application No.6732/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING METFORMIN AND A DPP 4 INHIBITOR OR A SGLT 2 INHIBITOR

(51) International :A61K9/20,A61K31/155,A61K31/7034

:EPO

classification

(31) Priority Document :11157240.0

(32) Priority Date :07/03/2011 (33) Name of priority

country

(86) International

Application No

:PCT/EP2012/053910 :07/03/2012

Filing Date (87) International

:WO 2012/120040 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)BOEHRINGER INGELHEIM INTERNATIONAL

Address of Applicant :Binger Strasse 173 55216 Ingelheim

Am Rhein Germany (72)Name of Inventor:

1)ITO Masanori 2)EGUSA Kenji

3)MESSERSCHMID Roman

4)SCHNEIDER Peter

(57) Abstract:

The present invention relates to pharmaceutical compositions comprising fixed dose combinations of a DPP 4 inhibitor drug and/or a SGLT 2 inhibitor drug and metformin XR processes for the preparation thereof and their use to treat certain diseases.

No. of Pages: 38 No. of Claims: 19

(21) Application No.6733/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ELECTRICAL CONNECTOR AND CONNECTOR SYSTEM

(51) International :H01R13/533,H01R13/52,H01R13/506 classification

(31) Priority Document No:102011004347.0 (32) Priority Date :17/02/2011 (33) Name of priority :Germany

country

(86) International :PCT/EP2012/052047 Application No

:07/02/2012 Filing Date

(87) International

:WO 2012/110361 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)TYCO ELECTRONICS AMP GMBH

Address of Applicant : Amperestrasse 12 14 D 64625

Bensheim Germany (72)Name of Inventor: 1)ECKEL Markus 2)HOEPPNER UIf

3)SAENGER Walter

(57) Abstract:

The invention relates to an electrical connector (100) for producing a plug in connection with a mating connector (200). The electrical connector (100) has a housing (110) a seal (160) arranged on the housing (110) and a seal holder (170) arranged on the housing (110) and associated with the seal (160). The seal holder (170) is arranged movably on the housing (110) in order to be moved in the direction of the seal (160) upon the production of the plug in connection with the mating connector (200) and to be pressed against the seal (160). The invention furthermore relates to a connector system comprising such an electrical connector (100) and a mating connector (200) which can be plugged with the electrical connector (100).

No. of Pages: 36 No. of Claims: 12

(22) Date of filing of Application :29/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ARRANGEMENT AND METHOD OF MOUNTING AN ACTIVE ELEMENT ON A SOLID **SUBSTRATE**

(51) International :G10K11/00,H04B11/00,G08C23/02 classification

:NA

(31) Priority Document No :1101554.2 (32) Priority Date :31/01/2011

(33) Name of priority :U.K.

country (86) International

:PCT/GB2012/050142 Application No

:24/01/2012 Filing Date

(87) International Publication: WO 2012/104602

No

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

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

Filing Date

(71)Name of Applicant: 1)BAE SYSTEMS PLC

Address of Applicant: 6 Carlton Gardens London SW1Y 5AD

(72)Name of Inventor:

1)BAGSHAW John Martin 2)ARCHER Nicholas John 3)KENT Lionel William John 4)ROWE Duncan Peter

(57) Abstract:

In an arrangement for transmitting power or data through a solid rigid substrate without penetrating the substrate acoustic transducer components are mounted on the substrate by means of strain isolator elements which are welded or otherwise bonded to the substrate and providing an attachment surface to which the attachment interface of the acoustic transducer may be attached. The strain isolator element is of the same or similar acoustic impedance as the rigid substrate and may indeed be formed of the same material. Various geometries of strain isolator are disclosed including one comprising a stalk attached to the solid rigid substrate and topped by a disc in a mushroom configuration.

No. of Pages: 22 No. of Claims: 13

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MOVEMENT DEVICE FOR A MOTOR VEHICLE INTERIOR TRIM PART AND INTERIOR TRIM PART

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:19/01/2012 :WO 2012/097992 :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS INTERIORS GMBH & CO. KG Address of Applicant: M ¹ / ₄ lhausener Str. 35 47929 Grefrath Germany (72)Name of Inventor: 1)WELTER Patrick
Filing Date	:NA	

(57) Abstract:

Proposed is a movement device for an interior trim part in a motor vehicle wherein the movement device comprises a first component and a second component wherein the second component is movable relative to the first component between a first position and a second position wherein the movement device comprises an energy store element which is provided for moving the second component in the direction of the first position and/or in the direction of the second position and wherein the movement device furthermore has a retardation element which partially retards the movement of the second component in the direction of the first position and/or in the direction of the second position.

No. of Pages: 21 No. of Claims: 13

(21) Application No.6746/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: FLAME PROTECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 		(71)Name of Applicant: 1)FLUORCHEMIE DOHNA GMBH Address of Applicant: Weesensteiner Str. 2 01809 Dohna Germany (72)Name of Inventor: 1)ROCKT,,SCHEL Christian 2)M-BIUS Heinzhorst
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

The invention relates to an inorganic, halogen-free flameproofing agent made of modified, rehydrated red mud (MR2S), having a mineral composition of 10 to 50 weight percent of iron Compounds, 12 to 35 weight percent of aluminum Compounds, 5 to 17 weight percent of Silicon Compounds, 2 to 2 1 weight percent of T1O2, and 0.5 to 6 weight percent of calcium Compounds, wherein the Compounds of iron have a hydroxide and oxide hydrate fraction greater than or equal to 50 weight percent, preferably greater than or equal to 80 weight percent, relative to the oxide fraction of the iron Compounds, and wherein the Compounds of aluminum have a hydroxide and oxide hydrate fraction greater than or equal to 50 weight percent, preferably greater than or equal to 80 weight percent, relative to the oxide fraction of the aluminum Compounds. The invention further relates to a flameproofed material System comprising a flammable material and the inorganic, halogen-free flameproofing agent and to a method for the production thereof.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : BIFIDOBACTERIUM BIFIDUM STRAINS FOR APPLICATION IN GASTROINTESTINAL DISEASES

(51) International classification :A23L1/30,A61K35/74 (71)Name of Applicant : (31) Priority Document No 1)NATURWOHL PHARMA GMBH :11000744.0 (32) Priority Date :31/01/2011 Address of Applicant: Am Haag 14 82166 Grfelfing Germany (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No 1)GUGLIELMETTI Simone :PCT/EP2012/051369 Filing Date :27/01/2012 2)MORA Diego (87) International Publication No :WO 2012/104226 (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 provides a strain of or mutant or variant thereof showing at least an adhesion of about 10 bacterial cells per mm2 of epithelial cell monolayer or having at least an adhesion index of 1.5 and a strain of or mutant or variant thereof being MIMBb75 deposited under deposit No. DSM 24514 or a mutant or variant thereof for use as probiotic in foodstuff and/or as a medicament. Further provided is a probiotic formulation comprising any of the strains mutants or variants mentioned above uses of said probiotic formulation strains mutants and variants thereof and a method for producing said probiotic formulation.

No. of Pages: 54 No. of Claims: 14

(21) Application No.2161/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: THE HUB & GRID DISTRIBUTION SYSTEM & APPARATUS THERE OFF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06Q10/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)SURJODOY GHOSH Address of Applicant:115, POCKET-7, SECTOR-12, DWARKA, NEW DELHI 110078 Delhi India (72)Name of Inventor:
Filing Date	:NA	1)SURJODOY GHOSH
(87) 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 Distribution System that is built to enable high speed deliveries of goods that are smaller in number, size and weight, directly to the homes of the Consumers while meeting significant reduction in the required Capital Expenditure and Operating Costs as compared to any prior art. The System uses a special style of nomenclature that enables high speed manual sorting of items along with an apparatus to do the sorting " and bagging functions as a continuous process. As a result of following the prescribed system, significant reductions in the carbon imprints can also be realized giving it a Green Advantage over any other prior art.

No. of Pages: 42 No. of Claims: 5

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONTROL DEVICE FOR VEHICLE DRIVING DEVICE

(51) International classification :B60W10/06,B60K6/36,B60K6/40 (71)Name of Applicant: (31) Priority Document No 1)TOYOTA JIDOSHA KABUSHIKI KAISHA :NA (32) Priority Date Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 :NA (33) Name of priority country (86) International Application (72)Name of Inventor: :PCT/JP2010/071181 1)IMAMURA Tatsuya :26/11/2010 Filing Date 2)TABATA Atsushi (87) International Publication 3)MATSUBARA Tooru :WO 2012/070156 4)OKUDA Koichi (61) Patent of Addition to 5)KUMAZAKI Kenta :NA **Application Number** 6)IMAI Keita :NA Filing Date 7)KATO Shunya (62) Divisional to Application 8)HIASA Yasuhiro :NA Number :NA Filing Date

(57) Abstract:

Provided is a control device for a vehicle driving device which can improve the fuel efficiency of a vehicle by controlling the operating point of an engine by adjusting the torque of a motor. A first motor (MG1) a second motor (MG2) and a torque converter (16) as a whole constitute a stepless transmission (60) and an engine operating point control means (70) performs engine operating point control for controlling the operating point of an engine (12) by adjusting first motor torque (TMG1) during engine traveling. Accordingly a stepless speed change operation of the stepless transmission (60) can be performed by adjusting the first motor torque (TMG1) (basically regenerative torque) and the operating point of the engine (12) can be controlled without being restricted by a turbine rotation speed (Nt) by the stepless speed change operation of the stepless transmission (60) for example thereby making it possible to drive the engine (12) at an operating point most suitable for improving the fuel efficiency and improve the fuel efficiency of the vehicle.

No. of Pages: 67 No. of Claims: 8

(22) Date of filing of Application :05/03/2013 (43)

(43) Publication Date: 23/01/2015

(54) Title of the invention : METHOD FOR OPERATING A BRAKING SYSTEM OF VEHICLE AND CONTROL DEVICE FOR BRAKING SYSTEM OF A 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 (62) Divisional to Application Number	B60T 102012203779.9 12/03/2012 Germany NA NA NA NA NA NA NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY (72)Name of Inventor: 1)TOKIC, BRANIMIR 2)DROTLEFF, DRIK 3)SPOERI, TOBIAS
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(57) Abstract:

The present subject matter relates to a method for operating a braking system of a vehicle by limiting a braking pressure build-up in a first braking circuit (10) of the braking system by a response pressure of a storage volume (46) of the first braking circuit (10) during an actuation of a braking actuating element (22), disposed at a main braking cylinder (18) of the braking system, by a driver of the vehicle, wherein an additional reducing of a braking pressure is executed in the first braking circuit (10). The present subject matter further relates a control device (100) for a braking system of a vehicle.

No. of Pages: 30 No. of Claims: 14

(21) Application No.6630/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: RESIN COMPOSITION FOR EXTRUSION COATING AND LAMINATE FILM AND PROCESS FOR PRODUCTION THEREOF

(51) International

:C08L23/08,B29C47/02,B32B27/28 classification

(31) Priority Document No :2010291268 (32) Priority Date :27/12/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/078946 No

:14/12/2011 Filing Date

(87) International Publication :WO 2012/090710

(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)DU PONT MITSUI POLYCHEMICALS CO. LTD.

Address of Applicant: 5 2 Higashi Shimbashi 1 chome Minato

ku Tokyo 1057117 Japan (72)Name of Inventor:

1)NAKANO Shigenori 2)SUZUKI Kaoru

(57) Abstract:

The present invention provides a resin composition for extrusion coating, the 20 JUL 2013 composition including (1) at least one of a copolymer of ethylene and a 3-unsaturated carboxylic acid or an ionomer thereof and (2) a homopolypropylene, wherein a content of the component (2) is 3 to 12% by mass based on the total mass of the component (1) and the component (2) and has a melt flow rate (at a load of 2160 g and 190°C, JIS K7210) of 4.0 I g/lOmin. or more.

No. of Pages: 28 No. of Claims: 8

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: IMIDAZO[5 1 F][1 2 4]TRIAZINES FOR THE TREATMENT OF NEUROLOGICAL DISORDERS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:C07D487/04,A61K31/53,A61P25/18 :61/445617 :23/02/2011 :U.S.A. :PCT/IB2012/050589 :09/02/2012 :WO 2012/114222 :NA :NA	(71)Name of Applicant: 1)PFIZER INC. Address of Applicant: 235 East 42nd Street New York New York 10017 U.S.A. (72)Name of Inventor: 1)CHAPPIE Thomas Allen 2)HUMPHREY John Michael 3)VERHOEST Patrick Robert 4)YANG Eddie 5)HELAL Christopher John
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to compounds of Formula (I) and pharmaceutically acceptable salts thereof to processes for the preparation of intermediates used in the preparation of and compositions containing such compounds and the uses of such compounds as a method for the treatment of a disease or condition selected from the group consisting of central nervous system disorders cognitive disorders schizophrenia dementia and other disorders in a mammal.

No. of Pages: 124 No. of Claims: 22

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ARYLALKYL ESTERS OF 4 AMINO 6 (SUBSTITUTED PHENYL)PICOLINATES AND 6 AMINO 2 (SUBSTITUTED PHENYL) 4 PYRIMIDINECARBOXYLATES AND THEIR USE AS HERBICIDES

(51) International classification	:A01N43/90,A61K31/519	(71)Name of Applicant:
(31) Priority Document No	:61/435925	1)DOW AGROSCIENCES LLC
(32) Priority Date	:25/01/2011	Address of Applicant: 9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2012/022286	(72)Name of Inventor:
Filing Date	:24/01/2012	1)YERKES Carla N.
(87) International Publication No	:WO 2012/103042	2)LOWE Christian T.
(61) Patent of Addition to Application	·NI A	3)ECKELBARGER Joseph D.
Number	:NA	4)EPP Jeffrey B.
Filing Date	:NA	5)GUENTHENSPBERGER Katherine A.
(62) Divisional to Application Number	:NA	6)SIDDALL Thomas L.
Filing Date	:NA	7)SCHMITZER Paul R.

(57) Abstract:

Arylalkyl esters of 4 aminopicolinic acids and 6 amino 4 pyrimidinecarboxylates are herbicides for control of weeds especially those species common to rice and wheat cropping systems and in pasture management programs.

No. of Pages: 61 No. of Claims: 17

(21) Application No.6648/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : CELL CULTURE TREATMENT SYSTEM AND METHOD FOR CONNECTION OF MODULES FOR CELL CULTURE TREATMENT 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 	:C12M1/00,C12M3/00 :2011007351 :17/01/2011 :Japan :PCT/JP2012/050064 :05/01/2012 :WO 2012/098931 :NA	(71)Name of Applicant: 1)TOKYO WOMENS MEDICAL UNIVERSITY Address of Applicant: 8 1 Kawada cho Shinjuku ku Tokyo 1628666 Japan (72)Name of Inventor: 1)OKANO Teruo 2)SHIMIZU Tatsuya 3)WADA Masanori 4)YAMASAKI Yukito
	*- *	4)YAMASAKI Yukito

(57) Abstract:

A processing system for cell cultures for carrying out i cell/tissue culturing processes in the field of regenerative \ medicine, etc. which is a processing system for cell cultures s which prevents viruses and human-derived cells, etc. other than j a culturing processing target from entering the interior of a j closed space from outside of the system to maintain sterility, j maintains sealability of the closed spaces of modules, and couples; or detaches the plurality of modules in accordance with a wide \ variety of cell culturing processing steps so that cell culturing i processes can be carried out by combining the plurality of culturing processing modules is provided.

No. of Pages: 71 No. of Claims: 6

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PREDICTING VENTRICULAR TACHYARRHYTHMIAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61B :13/435,087 :30/03/2012 :U.S.A. :NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)KEMPPAINEN, REKO 2)KASKI, MIKKO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method, apparatus, and computer program product for predicting ventricular tachyarrhyhma (VTA) are disclosed. To provide a mechanism that allows prediction of VTA events efficiently within a few hours before the onset of the actual event, a set of repolarization parameters indicative of ventricular repolarization in a subjects heart is determined (12) in successive time segments, thereby to obtain a time series of the set of repolarization parameters. Based on the time series, at least one change indication variable indicative of changes in the ventricular repolarization of the heart is produced (13, 14) and the risk of potential ventricular tachyarrhythmia is predicted (13- 15) based on the at least one change indication variable.

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

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MEMBRANE SEPARATION DEVICES SYSTEMS AND METHODS EMPLOYING SAME AND DATA MANAGEMENT SYSTEMS AND METHODS

(71)Name of Applicant: (51) International classification :B01D63/16,B01D33/06 1)FENWAL INC. (31) Priority Document No :61/451903 Address of Applicant: Three Corporate Drive Lake Zurich IL (32) Priority Date :11/03/2011 60047 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2012/028512 1)KUSTERS Benjamin E. Filing Date :09/03/2012 2)WEGENER Christopher J. (87) International Publication No :WO 2012/125463 3)BOGGS Daniel R. (61) Patent of Addition to Application :NA 4)MIN Kyungyoon Number 5)CORK William H. :NA Filing Date 6)CALHOUN Daryl R. (62) Divisional to Application Number :NA 7)BLICKHAN Bryan Filing Date :NA 8)LYNN Daniel

(57) Abstract:

A membrane separation device is disclosed along with systems and methods employing the device in blood processing procedures. In one embodiment a spinning membrane separator is provided in which at least two zones or regions are created in the gap between the membrane and the shell such that mixing of the fluid between the two regions is inhibited by a radial rib associated with the membrane that decreases the gap between the membrane and the shell to define two fluid regions the ridge isolating the fluid in the two regions to minimize mixing between the two. Automated systems and methods are disclosed for separating a unit of previously collected whole blood into components such as concentrated red cells and plasma for collecting red cells and plasma directly from a donor in a single pass and for cell washing. Data management systems and methods and priming methods are also disclosed.

No. of Pages: 87 No. of Claims: 24

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MEMBRANE SEPARATION DEVICES SYSTEMS AND METHODS EMPLOYING SAME AND DATA MANAGEMENT SYSTEMS AND METHODS

(51) International classification :B01D63/16,B01D33/06 (71)Name of Applicant : (31) Priority Document No :61/451903 1)FENWAL INC. (32) Priority Date Address of Applicant: Three Corporate Drive Lake Zurich IL :11/03/2011 (33) Name of priority country :U.S.A. 60047 U.S.A. (86) International Application No :PCT/US2012/028500 (72)Name of Inventor: Filing Date :09/03/2012 1)KUSTERS Benjamin E. (87) International Publication No :WO 2012/125460 2)WEGENER Christopher J. (61) Patent of Addition to Application 3)BOGGS Daniel R. :NA Number 4)MIN Kyungyoon :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A membrane separation device is disclosed along with systems and methods employing the device in blood processing procedures. In one embodiment a spinning membrane separator is provided in which at least two zones or regions are created in the gap between the membrane and the shell such that mixing of the fluid between the two regions is inhibited by a radial rib associated with the membrane that decreases the gap between the membrane and the shell to define two fluid regions the ridge isolating the fluid in the two regions to minimize mixing between the two. Automated systems and methods are disclosed for separating a unit of previously collected whole blood into components such as concentrated red cells and plasma for collecting red cells and plasma directly from a donor in a single pass and for cell washing. Data management systems and methods and priming methods are also disclosed.

No. of Pages: 86 No. of Claims: 17

(19) INDIA

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

(21) Application No.4988/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: SEALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:12/12/2011 :WO 2012/080693	(71)Name of Applicant: 1)JOHN CRANE UK LIMITED Address of Applicant: 361/366 Buckingham Avenue Slough SL1 4LU U.K. (72)Name of Inventor: 1)QUARMBY Nicholas Derek 2)PATEL Bhikhubhai Chhanabhai
		1 ' =
` /	:NA	2)FATEL BIIKIUDIAI CIIIIAIIADIIAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An elastomeric or polymeric seal assembly (10) includes an annular elastomeric or polymeric sealing element (60) an internal circumferential surface of which sealingly engaging a first component (12) the sealing element abutting a radial annular face of a second component (16) and an external circumferential surface of the sealing element sealingly engaging an internal circumferential surface of a second component a vent (92) being provided in the internal circumferential surface of the second component adjacent to the radial face to vent the space between the external circumferential surface of the sealing element and the internal circumferential surface of the second component an inlet to the vent being defined by an annular groove (88) in the internal circumferential surface of the second component an annular helically wound element (94) being provided in the annular groove to prevent extrusion of the sealing element into the vent the helically wound element being formed from a strip of material of elongate section adjacent winds of material being spaced from one another.

No. of Pages: 21 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :26/06/2013

(21) Application No.5764/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD FOR INCREASING EMBRYO IMPLANTATION RATE IN MOTHER S UTERUS IN MAMMALS USE OF AN EFFECTIVE AMOUNT OF BETA GALACTOSIDE BINDING LECTIN OR DERIVATIVES THEREOF BETA GALACTOSIDE BINDING LECTIN OR DERIVATIVES AND PRODUCT.

(51) International

:A61P15/00,A61P43/00,A61K38/17

classification

:PI10057021

(31) Priority Document No (32) Priority Date

:21/12/2010

(33) Name of priority country: Brazil

:NA

:NA

(86) International Application :PCT/BR2011/000454

:09/12/2011 Filing Date

(87) International Publication :WO 2012/083396

No

(61) Patent of Addition to

Application Number

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)INPRENHA BIOTECNOLOGIA E

DESENVOLVIMENTO AVAN‡ADO LTDA ME

Address of Applicant: Rua Glycia Pedroso Fenerick 147

Jardim das Rosas 14871 835 Jaboticabal SP Brazil 2)UNIVERSIDADE DE SFO PAULO USP

(72)Name of Inventor:

1)DIAS BARUFFI Marcelo

2)DA SILVA CARVALHO MORANI Erika

3)RONCOLETTA Marcelo

4) ANDRADE Camillo del Cistia

5)CATALDI RODRIGUES Llian

(57) Abstract:

The present invention relates to a method for increasing embryo implantation rate in mother s uterus in mammals by administering to the uterus of a mammal an effective amount of beta galactoside binding lectin or derivatives thereof as well as to a product comprising said lectin.

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

(21) Application No.643/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : PROCESS FOR ELECTROLYSIS OF ALKALI METAL CHLORIDES WITH OXYGEN-CONSUMING ELECTRODES HAVING ORIFICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C25B :102012204041.2 :15/03/2012 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: ALFRED-NOBEL-STRASSE 10, 40789 MONHEIM, GERMANY (72)Name of Inventor: 1)ANDREAS BULAN 2)JURGEN KINTRUP
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(57) Abstract:

An oxygen-consuming electrode is described, especially for use in chloralkali electrolysis, having a novel coating, as are the production thereof, an electrolysis apparatus and parameters for thk startup and shutdown of this electrolysis apparatus, compliance with which prevents damage to the cell.

No. of Pages: 26 No. of Claims: 12

(22) Date of filing of Application :06/03/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : MEASURING MACHINE PROVIDED WITH A SYSTEM FOR COMPENSATING MEASURING ERRORS DUE TO THERMAL EXPANSION OF A SCALE OF A LINER TRANSDUCER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01D :12425050.7 :07/03/2012 :EPO :NA :NA	,
 (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 measuring machine (1) comprising a member (5) mobile along an axis (Y), an optical scale (14) extending parallel to the axis (Y), a first reading head (15), which is carried by the 10 mobile member (5) and co-operates with the optical scale (14), an additional sensor (20) carried by the mobile member (5), and a processing unit co-operating with the first reading head (15) and with the additional sensor (20) for detecting data correlated with the state of thermal expansion of the optical 15 scale (14).

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DEVICES AND METHODS FOR THE TREATMENT OF TISSUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B18/00 :61/434319 :19/01/2011 :U.S.A. :PCT/US2012/021739 :18/01/2012 :WO 2012/099974 :NA :NA :NA	(71)Name of Applicant: 1)FRACTYL LABORATORIES INC. Address of Applicant:221 Crescent Street Suite 102a Waltham MA 02453 U.S.A. (72)Name of Inventor: 1)RAJAGOPALAN Harith 2)CAPLAN Jay 3)FLAHERTY J. Christopher 4)LEVIN Philip S.
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(57) Abstract:

Systems methods and devices for the treatment of tissue are disclosed. A system includes an elongate tube with a distal portion. A treatment element is positioned on the elongate tube distal portion the treatment element constructed and arranged to treat target tissue. In one embodiment gastrointestinal tissue is modified for the treatment of diabetes.

No. of Pages: 98 No. of Claims: 84

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DEVICE AFFIXED BODY

(51) International

classification

(31) Priority Document No :2011018873 (32) Priority Date :31/01/2011 (33) Name of priority

:Japan country

(86) International :PCT/JP2011/076030 Application No

:11/11/2011 Filing Date

(87) International

:WO 2012/105100 Publication No

:NA

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

(57) Abstract:

Filing Date

(19) INDIA

(71)Name of Applicant: :H05K13/04,G06K19/07,G06K19/077

1)FUJI MACHINE MFG. CO. LTD.

(21) Application No.6762/DELNP/2013 A

Address of Applicant: 19 Chausuyama Yama machi Chiryu shi

Aichi 4728686 Japan (72)Name of Inventor: 1)IWAKI Noriaki 2)TSUTSUMI Hidevuki 3)KATO Masaki

4)TAKAHAMA Toru

Provided is a device affixed body that is able to manage the distribution of devices that can be attached to a mainframe. The device affixed body (56 88 122 etc.) which is affixed to a device is used in manufacturing operation machinery provided with: a device (22 24 50 etc.) necessary for performing the manufacturing operation; a mainframe to which the device is attached; and a control device (70 270) that controls the device. The device affixed body is configured in a manner so that a recognition information recording body (78 96 etc.) wherein recognition information for the device to be recognized by the control device is recorded is mounted to the main body of the device affixed body. By means of such a configuration only devices to which a device affixed body mounted with the recognition information recording body has been affixed can be controlled by the control device. In other words it is possible to manage the distribution of devices by managing the distribution of device affixed bodies.

No. of Pages: 57 No. of Claims: 8

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS FOR PRODUCTION OF AROMATIC AMIDECARBOXYLIC ACID DERIVATIVE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:C07C231/12,C07C233/81,C07C233/88 :2011013410 :25/01/2011 :Japan :PCT/JP2012/051353 :23/01/2012 :WO 2012/102239 :NA :NA	(71)Name of Applicant: 1)Mitsui Chemicals Agro Inc. Address of Applicant: 5 2 Higashi Shimbashi 1 chome Minato ku Tokyo 1057117 Japan (72)Name of Inventor: 1)KITAJIMA Kazuki 2)KODAKA Kenji 3)KATSUTA Hiroyuki 4)OKUMURA Kunio
Filing Date (62) Divisional to Application Number	:NA :NA :NA	

(57) Abstract:

The invention provides a method for producing an aromatic amide carboxylic acid derivative represented by the following Formula (2), including a step of reacting an aromatic amide halide derivative represented by the following Formula (1) with carbon monoxide. In the following Formulae (1) and (2), R1 represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms; X represents a fluorine atom or a cyano group; X represents a halogen atom; and n represents an integer of from 0 to 3.

No. of Pages: 31 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :29/07/2013

(21) Application No.6753/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: FLUID PRODUCT DISTRIBUTOR

(51) International classification	:B05B11/00	(71)Name of Applicant :
(31) Priority Document No	:1151470	1)APTAR FRANCE SAS
(32) Priority Date	:23/02/2011	Address of Applicant :Lieudit le Prieur F 27110 Le Neubourg
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2012/050359	(72)Name of Inventor:
Filing Date	:20/02/2012	1)MULLER Patrick
(87) International Publication No	:WO 2012/114034	2)STUART Bruno
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a fluid product distributor comprising: a fluid product rservoir (1) defining a neck (11) and a bottom (12) provided with a filler valve (13, 15); a distribution member (5) such as a pump hat is mounted on the rservoir (1) in order to remove some of the fluid product, and comprises a body (51) and an actuating rod (56) that can be moved back and forth along an axis X; a tappet (6, 7) mounted on the actuating rod (56) of the distribution member (5) in such a way as to rotate on itself about the axis X of the rod (5, 6); a venting passage Connecting the rservoir (1) to the outside; closing means (3) for selectively closing the venting passage; and control means (4) for switching the closing means (3) from an open state wherein they do not close the venting passage to a closing state wherein they close the venting passage. The invention is characterised in that the control means (4) are secured to the tappet (6, 7) or movably driven by the tappet.

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

(21) Application No.6754/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS FOR MAKING HIGH VISCOSITY INDEX LUBRICATING BASE OILS

(51) International :C10M111/04,C10G1/10,C10M171/02

classification

:NA

(31) Priority Document No :13/008153 (32) Priority Date :18/01/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2012/021171 Application No :13/01/2012

Filing Date

(87) International

:WO 2012/128834 Publication No

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

(71)Name of Applicant: 1) CHEVRON U.S.A. INC.

Address of Applicant :6001 Bollinger Canyon Road San

Ramon California 94583 U.S.A.

(72)Name of Inventor: 1)MILLER Stephen J.

(57) Abstract:

Filing Date

A process for making a lubricating base oil having a viscosity index of at least 110 comprising the steps of: combining a waxy light neutral base oil and a wax derived from pyrolyzing a plastics feed comprising polyethylene to form a blend; hydroisomerization dewaxing the blend; and recovering the lubricating base oil from an effluent from the hydroisomerization dewaxing step.

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

(22) Date of filing of Application :29/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: MULTI FUNCTIONAL INTEGRATED AND MODULAR PLANT FOR SEPARATING SOLIDS OILS AND HYDROCARBONS AND TREATING OIL INDUSTRY WASTEWATER

:C02F9/08.C02F1/40.C02F1/34 (71)Name of Applicant : (51) International classification

(31) Priority Document No :10164879 (32) Priority Date :28/12/2010 (33) Name of priority country :COLUMBIA

(86) International Application No :PCT/CO2011/000002 Filing Date :28/12/2011

(87) International Publication No :WO 2012/163308

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

1) CUBIDES CHACN Luis Alfonso

Address of Applicant :CC 91360508 Calle 64 D No. 120 72 Barrio la Esperanza Engatitiva Bogot; D.C COLUMBIA

(72)Name of Inventor:

1) CUBIDES CHACN Luis Alfonso

(57) Abstract:

The invention relates to a multi-unctional, integrated modular plant for separating solids, oils and hydrocarbons and treating oil industry wastewater. The invention is an integral, multi-unctional plant that is suitable for treating two types of water, i.e. industrial wastewater, particularly water from the oil sector such as, nter alia, production water and peripheral water channeled from locations and platforms, as well as for treating water intended for human use in any regi³n and for making same drinkable. The plant is multi-functional in that it contains integrated systems for separating solids and crumbly sludge using groups of micrometer screens or vibrating sieves (10), (11), (12), (13), (14) driven by an electric vibrating motor (15). The plant contains 6 divisions or tanks, some of which have a double-walled base therearound. Each of the tanks are provided with respective integrated systems for separating solids and oils and hydrocarbons and respective novel filters, such as to form an effective and powerful treatment system that provides the technical characteristics and parameters required by the national environmental standards of different countries. The plant includes 5 different novel systems or options for separating oils and hydrocarbons f m industrial wastewater, including: a reciprocating scraper mechanism (27) including long blades, which mechanism is driven by an electric motor (27A); an oleophilic fabric panel (30); a (conical) hopper or funnel system (35) having an absorbent fabric; a rotating blade system (94). At the time of plant production, two of the five options can be selected for installation or the systems can be interchanged. The plant is an integral, multi-functional assembly (7) provided with a variety of unique technical accessories which are novel in terms of operation and which are assembled to form a single structure or frame that can be made from square tubular sections and metal sheets. In addition, the constituent compartments, divisions or tanks, (1) to (6), can be made from metal plates or plistic, with a strong double base, so as to make the plant even lighter in order to faciltate the transpon thereof. The dimensions of the structural plant vary between 6 and 10 m in length x 2.40 m and 2.80 m in height x 2.40 m in width, said measurements depending on the individual case or requirements. Three natural technologies are used to oprate the plant and treat water, namely: (a) gravitational forc caused by the volume of the continuous stream of water, overflowing in free fall; (b) atmospheric pressure caused by the effect of filling each compartment, this being activated automatically and ensuring that the water flows through interconnected ducts hito each adjacent compartment simultaneously; and (c) centrifugal electric pump forc, produced by impeller pumps that are automatically actuated by electric contacts from the controls of an electric control panel, said pumps being installed in each compartment. According to the invention, the gravitational forc can be managed gradually such that it is quick or slow depending on the case, using a rotary screw (116) installed below each tank or divisi3n forming the plant and said tanks or divisions can be operated by sliding same upwards or downwards within the irea thereof. In addition, the plant can oprate without or without electric pump-generated electric power, depending on the case. The solids are separated from the water and immediately transported out of the plant using a tubular endless screw system that channels the solids to a loading site from where they are conveyed to their final destination. The oils and hydrocarbons that are separated from the water are immediately channeled out of the plant via a high-pressure hose in order subsequently to be conveyed to the final destination thereof. In some cases, the plant of the invention can dispense with the need for, or replace currently used plants known as skimmers that are used to treat peripheral and production water collected at a single site, nter alia. The invention includes a novel movable mini crane system which is installed in the upper portion of the plant, forming part thereof, and which can be used to lift and move parts and elements of the plant at any time. The integrated, multi-functional plant has moltiple uses, since it not only treats drinking water and industrial wastewater, but it also separates solids, crumbly sludge, oils and hydrocarbons, as well as operating as a shaker, nter alia. The installation of the plant is very practical and it can be installed in any irea or platform of a channel of industrial wastewater, with the site being made suitable for same. The plant is provided with an NTC industrial safety system to protect against falls using movable handrails, railings, safety ladders and a lifeline installation system that provides the operator with a safety harness. The plant employs a novel, mixed technology that falls between traditional and compact technologies, making use of hydraulic power, gravitational forc, atmospheric pressure and flow, i.e. the plant operates with a continuous stream of water in the channels or ducts that supply the plant and by means of an electric pump for the hydraulic operation thereof. The water is subjected to all rigorous water treatment operations and processes, namely: separation, coagulation, floculation, sedimentation, filtration, aeration and disinfection, as well as backwashing,

No. of Pages: 51 No. of Claims: 4

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR IMPROVING STRENGTH AND RETENTION AND PAPER 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	:D21H17/25,D21H21710,D21H21718 :20115054 :20/01/2011 :Finland :PCT/FI2012/050045 :19/01/2012 :WO 2012/098296 :NA :NA	(71)Name of Applicant: 1)UPM KYMMENE CORPORATION Address of Applicant: Etelesplanadi 2 FI 00130 Helsinki Finland (72)Name of Inventor: 1)LAINE Janne 2)KORHONEN Markus 3)MERTA Juha
Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for improving strength and retention in the manufacture of paper. According to the invention a composition containing microfibrillated cellulose is provided in a fiber suspension and from 0.1 to 10 w % of microfibrillated cellulose by mass of the fiber suspension is added to improve the strength and retention of the product to be formed. In addition the invention relates to a corresponding paper product.

No. of Pages: 17 No. of Claims: 18

(21) Application No.6757/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: CHASSIS DIP TREATMENT STATION

(51) International :B62D65/18,B65G49/04,B05C3/10 classification

:12/04/2012

carriage (26) for the vertical movement of the platform (22) inside and outside of the tank (11).

(31) Priority Document No :MI2011A000703 (32) Priority Date :27/04/2011

(33) Name of priority country :Italy

(86) International Application :PCT/EP2012/056635

Filing Date

:WO 2012/146487

(87) International Publication No

(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)GEICO SPA

Address of Applicant: Via Cornaggia 58 I 20092 Cinisello

Balsamo (MI) Italy (72)Name of Inventor: 1)COVIZZI Giampaolo

A station (10) for dip treatment of chassis (14) on skids (13) comprises a process liquid tank (11) a conveying line (12) for conveying in sequence a plurality of skids (13) inside and outside of the station (10) and a system (21) for vertical movement of a skid (13) conveyed above the tank (11) by means of the conveying line (12) for moving the skid (13) together with the chassis (14) inside and outside of the tank (11). The conveying line (12) comprises roller units (20) for displacing a skid (13) which are movable between an operating position for supporting and displacing the skid (13) above the tank (11) and a retracted non operating position for immersion of the skid (13) with the chassis (14) inside the tank (11) and the vertical movement system (21) comprises a platform (22) for supporting and engaging with the skid (13) which is mounted on a single motor driven transverse rotational shaft (23) projecting from the bottom end (24) of at least one vertical support arm (25) the top end of which is connected to a motor driven vertical travel

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

(21) Application No.6642/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 4 AMINO 5 FLUORO 3 HALO 6 (SUBSTITUTED)PICOLINATES

(51) International classification	:A01N43/40,C07D213/04	(71)Name of Applicant :
(31) Priority Document No	:61/435936	1)DOW AGROSCIENCES LLC
(32) Priority Date	:25/01/2011	Address of Applicant :9330 Zionsville Road Indianapolis IN
(33) Name of priority country	:U.S.A.	46268 U.S.A.
(86) International Application No	:PCT/US2012/022289	(72)Name of Inventor:
Filing Date	:24/01/2012	1)ZHU Yuanming
(87) International Publication No	:WO 2012/103045	2)WHITEKER Gregory T.
(61) Patent of Addition to Application	:NA	3)RENGA James M.
Number	:NA	4)ARNDT Kim E.
Filing Date	.IVA	5)ROTH Gary Alan
(62) Divisional to Application Number	:NA	6)PODHOREZ David E.
Filing Date	:NA	7)WEST Scott P.

(57) Abstract:

No. of Pages: 47 No. of Claims: 5

⁴ Amino 5 fluoro 3 halo 6 (substituted)picolinates are conveniently prepared from 4 5 6 trichloropicolinonitrile by a series of steps involving fluorine exchange amination halogen exchange halogenation nitrile hydrolysis esterification and transition metal assisted coupling.

(19) INDIA

(22) Date of filing of Application :25/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: LITHIUM ION BATTERY

(51) International

:H01M10/0587,H01M2/26,H01M10/052

classification

(31) Priority Document

:2011030617 :16/02/2011

:PCT/JP2012/053543

(32) Priority Date (33) Name of priority

:Japan

:NA

:NA

country

(86) International

Application No

:15/02/2012 Filing Date

(87) International Publication No

:WO 2012/111712 (61) Patent of Addition :NA

to Application Number :NA Filing Date

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

(71)Name of Applicant:

(21) Application No.6643/DELNP/2013 A

1)SHIN KOBE ELECTRIC MACHINERY CO. LTD. Address of Applicant: 8 1 Akashi cho Chuo ku Tokyo

1040044 Japan

(72)Name of Inventor: 1)YOSHIURA Tadashi 2)MISHIRO Yuichiro

(57) Abstract:

The present invention provides a cylindrical lithium-ion secondary battery. The lithium-ion battery of the present invention has a structure in which the value of B/A is optimized, where the distance between an electrode pole to which strip-form lead pieces are welded, the lead pieces being formed intermittently in the winding direction, which is the longitudinal direction of the belt-like electrodes, and the inner wall of the battery can is represented by A, and the distance between the electrode pole and the wound electrode group is represented by B, in order to secure an exhaust passage for the gas generated upon occurrence of an abnormality in the battery.

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

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION CONTAINING L DNA

(51) International classification	:C12N15/113	(71)Name of Applicant:
(31) Priority Document No	:10 2010 056 610.1	1)ERDMANN Volker A.
(32) Priority Date	:31/12/2010	Address of Applicant : Argentinische Allee 2 14163 Berlin
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/DE2012/000008	(72)Name of Inventor:
Filing Date	:02/01/2012	1)ERDMANN Volker A.
(87) International Publication No	:WO 2012/089207	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(FE) 11		1

(21) Application No.6770/DELNP/2013 A

(57) Abstract:

The invention relates to the use of an L DNA which is capable of binding to an L RNA especially in an antisense reaction and which is optionally capable of cleaving the L RNA in the region of a target sequence of the L RNA for producing a pharmaceutical composition for the treatment of undesired physiological side reactions caused by the administration of a therapeutic molecule containing said L RNA. The L DNA can alternatively be used to cleave an endogenous target RNA or DNA.

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

(21) Application No.6771/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD FOR ENHANCING ENGRAFTMENT OF HAEMATOPOETIC STEM CELLS

(51) International :A61K31/5585,A61K35/28,C12N5/078 classification

(31) Priority Document No:11150835.4 (32) Priority Date :13/01/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/050484 Application No

:13/01/2012 Filing Date

(87) International

:WO 2012/095511 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)SCIPHARM SRL

Address of Applicant :33 rue Hiehl Junglinster L 6131

Luxembourg Luxembourg (72)Name of Inventor: 1)FREISSMUTH Michael

2)ZEBEDIN BRANDL Eva Maria

3)BERGMAYR Christian

4)HUSSAIN Filza

(57) Abstract:

The present invention provides a novel method for enhancing engraftment of haematopoetic stem cells by an ex vivo pretreatment comprising the steps of obtaining a sample containing haematopoetic stem cells and admixing a prostacyclin analogue to obtain a mixture incubating said mixture for a period of time sufficient to stimulate G alphas signalling in said cells and optionally and isolating said stimulated cells. Further a composition comprising a prostacyclin analogue for use in the treatment of individuals undergoing haematopoetic stem cell transplantation is provided.

No. of Pages: 35 No. of Claims: 17

(21) Application No.6772/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: NANOPARTICLES DELIVERY SYSTEMS PREPARATION AND USES THEREOF

(51) International :A61K9/127,A61K9/51,A61K49/00 classification

(31) Priority Document No :11305096.7 (32) Priority Date :31/01/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/051507

No :31/01/2012 Filing Date

(87) International Publication :WO 2012/104275

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)NANOBIOTIX

Address of Applicant :60 rue de Wattignies F 75012 Paris

France

(72)Name of Inventor: 1)POTTIER Agn's 2)LEVY Laurent

3)MEYRE Marie Edith 4) GERMAIN Matthieu

(57) Abstract:

The present application relates to thermosensitive liposomes encapsulating nanoparticles which can be used in the health sector in particular in human health. The invention also relates to pharmaceutical and diagnostic compositions comprising thermosensitive liposomes as defined previously as well as to their uses.

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

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ROTOR FOR ELECTRIC MACHINE

(57) Abstract:

A rotor (10) for a rotary electric machine has a plurality of magnetic poles (24) provided at intervals in a circumferential direction at the outer periphery of a rotor core (12). Each of the magnetic poles (24) has a first permanent magnet (26) buried in the center of the magnetic pole and a pair of second permanent magnets (28) that are buried on both sides of the first permanent magnet (26) in the circumferential direction and that are disposed such that a mutual spacing between the pair of the second permanent magnets (28) becomes narrower inward in the radial direction. A narrowest spacing between the pair of second permanent magnets (28) is set to be wider than a longitudinal direction width of the first permanent magnet (26) in a magnetic path region (30) that is defined by the first permanent magnet (26) and the pair of second permanent magnets (28).

No. of Pages: 34 No. of Claims: 12

(21) Application No.6319/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 15/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: WORK VEHICLE CONTROL APPARATUS AND WORK VEHICLE

(51) International classification :B60W10/18,B60K6/12,B60K6/46 (71)Name of Applicant:

:WO 2012/099255

(31) Priority Document No :2011011215 (32) Priority Date :21/01/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/051256

:20/01/2012 Filing Date

(87) International Publication

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

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

1)HITACHI CONSTRUCTION MACHINERY CO. LTD.

Address of Applicant: 5 1 Koraku 2 chome Bunkyo ku Tokyo

1128563 Japan

(72)Name of Inventor: 1)MORIKI Hidekazu 2)KANEKO Satoru 3)IKIMI Takashi

4)ITO Noritaka

(57) Abstract:

A work vehicle control apparatus is provided with: a generating electric motor control unit (160) that drives a generating electric motor (5) with excess electric power when regenerative electric power generated by an electric motor (7) at the time of regenerative braking exceeds allowable charge electric power of a capacitor (3); an engine controller (2) for detecting the rotation number of an engine (1); an electric motor control unit (180) that decreases regeneration torque produced by the electric motor when the engine rotation number exceeds a second setting value during the driving of the generating electric motor with the excess electric power; and a brake control unit (190) that increases braking torque produced by a hydraulic brake (30) when the engine rotation number exceeds the second setting value during the driving of the generating electric motor with the excess electric power.

No. of Pages: 69 No. of Claims: 11

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MOLTEN ALUMINIUM CONTACTING MEMBER AND METHOD FOR PRODUCING THE SAME

(51) International classification	:C23C	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)TOSHIBA KIKAI KABUSHIKI KAISHA
(31) Thomas Document No	53410	Address of Applicant :2-2, UCHISAIWAICHO 2-CHOME,
(32) Priority Date	:09/03/2012	CHIYODA-KU, TOKYO-TO, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HISANORI FUWA
Filing Date	:NA	2)YASUSHI FUKASE
(87) International Publication No	: NA	3)YU ARAI
(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 NI-Mo-8 alloy having improved dissolution resistance is provided. The method includes: whlle allowing a mixture containing an oxide of at least one element selected from the group corisisting of Na, K, Li, Mg, Ca, Sr, Rb and Cs, and S102 to contact with a surface of an alloy containing Ni, Mo and 0, heating the alloy in an oxygen-containing atmosphere, thereby Forrning a layer, In which particles of oxides containing a Ni-Mo oxide are aggregated, at a surface of the alloy.

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

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD OF MANUFACTURING FERROELECTRIC THIN FILM

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:2012-	1)MITSUBISHI MATERIALS CORPORATION
(31) I Hority Document No	076096	Address of Applicant :3-2, OTEMACHI 1-CHOME,
(32) Priority Date	:29/03/2012	CHIYODA-KU, TOKYO 1008117, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)IIDA, SHINTARO
Filing Date	:NA	2)SAKURAI, HIDEAKI
(87) 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:

[Task] To provide a method of manufacturing a ferroelectric thin film which has an extremely favorable usage efficiency of materials, furthermore, has a desirable film structure, and has excellent electrical characteristics. [Means for Resolution] A method of manufacturing a ferroelectric thin film on a lower electrode 20a by electrostatically spraying a ferroelectric thin film-forming sol-gel solution 21 from a spout 14a of a capillary 14 toward the lower electrode 2 0a of a substrate 2 0 having the lower electrode 20a so as to coat the sol-gel solution 21 on the lower electrode 20a and form a coated film, drying, calcining, and then firing the coated film so as to crystallize the coated film, in which a distance between the spout 14a of the capillary 14 and the lower electrode 20a and an applied voltage during electrostatic spray are set so that a refractive index during drying and calcination of the coated film becomes 2 or more, and a liquid amount of the sol-gel solution 21 per spray is set so that a film thickness sets in a range of 150 nm or less when the sol-gel solution 21 is coated in a single spray process, calcined, and then fired so as to be crystallized. [FIG. 1]

No. of Pages: 43 No. of Claims: 4

(21) Application No.6786/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ELECTRICAL APPARATUS FOR THE SHORT CIRCUIT PROTECTION OF A THREE PHASE LOAD IN A THREE PHASE 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 	:10 2011 001 340.7 :16/03/2011 :Germany :PCT/EP2012/054553 :15/03/2012 :WO 2012/123541 :NA :NA	(71)Name of Applicant: 1)PHOENIX CONTACT GMBH & CO. KG Address of Applicant: Flachsmarktstrae 8 32825 Blomberg Germany (72)Name of Inventor: 1)SCHAPER Elmar 2)DURTH Rainer 3)HEUER Lutz 4)SCHULZ Bernd
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The subject matter of the invention is an apparatus for the short circuit protection of a three phase load (1) in a three phase system comprising an input for connecting the apparatus (2 3 4) to a three phase power supply system (5) an output for connecting the three phase load (1) to the apparatus (2 3 4) a means for producing an auxiliary short circuit (4) in the three phase power supply system (5) by triggering the means (4) a means for identifying a short circuit (2) on the three phase load (1) and a means for generating a triggering pulse (3) when the short circuit is identified wherein the means for producing the auxiliary short circuit (4) and the means for identifying the short circuit (2) are provided in the current path between the input and the output and the means for producing the auxiliary short circuit (4) can be triggered by the triggering pulse.

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

(21) Application No.4583/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: COLORED AND COATED CHROMATE FREE METAL SHEET AND COLORED AQUEOUS COMPOSITION

(51) International :B32B15/095,B32B27/40,C08K3/00

classification

(31) Priority Document No :2010268184 :01/12/2010 (32) Priority Date (33) Name of priority country: Japan

(86) International Application :PCT/JP2011/077783

No :01/12/2011 Filing Date

(87) International Publication :WO 2012/074044

(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)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokvo 1008071 Japan

2) NIPPON FINE COATINGS Inc.

(72)Name of Inventor: 1)MORISHITA Atsushi 2)HAYASHI Kimitaka 3)FUDA Masahiro 4)WADA Yuusuke

5)SATOU Rie

(57) Abstract:

The present invention provides a colored and coated chromate free metal sheet which has formed on at least one surface of a metal sheet a colored coating film (a) that comprises a film forming component comprising a polyurethane resin (A1) containing a urea group a urethane group and a carboxyl group a coloring pigment (B) and spherical silica particles (C) having an average particle diameter of 5 50 nm wherein the polyurethane resin (A1) contains structural units each derived from a polyester polyol component (a) having an aromatic ring structure and structural units each derived from an isocyanate component (b) having an aromatic ring structure each of the structural units derived from the isocyanate component (b) contains an aromatic ring structure and the colored coating film (a) has a thickness of 2 10 µm and wherein the metal sheet has excellent chemical resistance.

No. of Pages: 87 No. of Claims: 11

(22) Date of filing of Application :04/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR LIGHTNING PROTECTION WITH DISTRIBUTED TRANSIENT VOLTAGE SUPPRESSION

(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 (10) Signature Filing Date (11) Filing Date (12) Signature Filing Date (13) Signature Filing Date (14) Signature Filing Date (15) Signature Filing Date (16) Signature Filing Date (17) Signature Filing Date (17) Signature Filing Date (18) Signature Filing Date Filing Date (18) Signature Filing Date Filing Date	
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(57) Abstract:

A method of method of forming a wide band-gap semiconductor transient voltage suppressor (TVS) assembly (200) and a system for a transient voltage suppressor (TVS) assembly (200) are provided. The TVS assembly includes a connecting component (202) configured to electrically couple a first electrical component (204) to a second electrical component (206) located remotely from the first electrical component through one or more electrical conduits (208) and a transient voltage suppressor device (2 10) positioned within the connecting component and electrically coupled to the one or more electrical conduits wherein the TVS device includes a wide band-gap semiconductor material.

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

(21) Application No.6337/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: COMPOSITIONS AND METHODS 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 	:61/433731 :18/01/2011 :U.S.A. :PCT/US2012/021738 :18/01/2012 :WO 2012/099973 :NA :NA	(71)Name of Applicant: 1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA Address of Applicant: Center for Technology Transfer 3160 Chestnut Street Suite 200 Philadelphia PA 19104 6283 U.S.A. (72)Name of Inventor: 1)POWELL Daniel J. 2)COUKOS George
- , , , , , , , , , , , , , , , , , , ,	:NA :NA :NA	

(57) Abstract:

The invention provides compositions and methods for treating ovarian cancer. Specifically the invention relates to administering a genetically modified T cell having a folate receptor (FRa) binding domain and 4 IBB (CD137) costimulatory domain to treat ovarian cancer.

No. of Pages: 165 No. of Claims: 41

(21) Application No.6781/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TERMINAL AUTHENTICITY VERIFICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06Q20/40 :61/428244 :30/12/2010 :U.S.A. :PCT/IB2011/003344	(71)Name of Applicant: 1)KANNGARD Lars Olof Address of Applicant: 333 34 Mooban Ladawan Soi Chalermpraiat (Sukhumvit 103) Nongbon Pravate Bangkok 10250 Thailand
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:30/12/2011 :WO 2012/090074 :NA :NA	(72)Name of Inventor : 1)KANNGARD Lars Olof
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and systems for improving non bank payment solutions through terminal authenticity verification. One group of improvements uses the secure payment capabilities of the above architecture to implement a bill payment system. Electronic payments from consumers who are not bank customers are now completely secure. A variety of methods are discussed to include non banking consumers in this payment system. Another group of improvements uses the secure payment capabilities of the above architecture to implement a payroll system which allows non banking or unbankable employees (or contractors or vendors) to receive electronic payment and to easily reroute portions of their payments electronically to various destinations. The secure transaction capabilities of the above architecture make this possible.

No. of Pages: 34 No. of Claims: 2

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PROVIDING STATISTICAL FROM A DATA WAREHOUSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:20/02/2012 :WO 2012/113756 :NA :NA	(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)NATH Gourab
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for providing statistical data from a data warehouse (410) involving one or more data storage means and one or more processor coupled to the data storage means characterized in that it comprises the steps of: defining a plurality of index fields (114) each index field accepting a plurality of index field values; creating a plurality of indexed files (432) and hierarchically indexing the files as trees of indexes (300) which includes for each tree the steps of: hierarchically ordering the index fields (201); defining bins each bin being associated to an index field and gathering one or more index field values for that index field; creating indexes by concatenating one or more bins in compliance with the hierarchy of hierarchically ordered index fields to form a sequence of bins an index comprising only one bin per index field; hierarchically indexing the files as trees of indexes (300) each index having zero or more children indexes or and having at most one parent index so that each child index comprises the same sequence of bins as the index of its parent index plus at least an additional bin associated to an additional index field; providing each index with a data container (325 335) configured to store statistical data so that each data container is indexed and is directly addressable from within the files hierarchically indexed; receiving (436) one or more input files (434) comprised of raw data and updating the data containers with the input files (434) which includes for each input file using one or more processor arranged for performing the steps of: identifying and extracting from the raw data at least one attribute to be analyzed through statistics and one or more input file parameters characterizing the attribute; creating at least an individual record (620) from the input file (434) each individual record (620) comprising at least an attribute and the one or more input file parameters characterizing said attribute; associating each input file parameter with at least an index field; establishing a correspondence between each input file parameter and a bin of the at least one index field associated to that input file parameter; identifying data containers indexed with the one or more bins that all correspond to an input file parameter of said individual record (620); incrementally updating the identified data containers (325 335) with the at least one attribute of said individual records (620) to obtain statistical data describing the attribute.

No. of Pages: 49 No. of Claims: 25

(21) Application No.6783/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD SYSTEM AND COMPUTER PROGRAM TO PROVIDE FARES DETECTION FROM **RULES ATTRIBUTES**

(51) International :G06F17/30,G06Q50/00,G06Q50/14

classification (31) Priority Document No :11305170.0

:18/02/2011 (32) Priority Date

(33) Name of priority country: EPO

(86) International :PCT/EP2012/052670

Application No :16/02/2012 Filing Date

(87) International Publication :WO 2012/110589

(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)AMADEUS S.A.S.

Address of Applicant :485 route du Pin Montard Sophia

Antipolis F 06410 Biot France

(72)Name of Inventor:

1)BAUCHOT Jr'me

2)DUFOUR David

3)LOBELLO Frederic

4)BECKER Muriel

(57) Abstract:

In one aspect thereof the exemplary embodiments provide a data processing system that includes at least one data processor; at least one memory connected with the data processor and that stores computer software that is executable by the at least one data processor; at least one database storing a plurality of fares and rules establishing conditions under which at least one of the fares can be applied; and an interface to at least one user and configured to receive from the user a fare inquiry. The data processor is configured with the computer software to cause the data processing system to receive a fare inquiry that contains at least one rule attribute to perform a first search to determine rule data applicable to the at least one rule attribute and to perform a second search using the rule data to retrieve a list of fares that are applicable to the rule data.

No. of Pages: 35 No. of Claims: 15

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PROVIDING A SESSION INVOLVING A PLURALITY OF SOFTWARE APPLICATIONS

(51) International :G06Q30/06,G06Q50/14,H04L29/08 classification

:NA

(31) Priority Document No :11305281.5 (32) Priority Date :15/03/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/054563

Application No :15/03/2012 Filing Date

(87) International Publication: WO 2012/123544

No

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

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

Filing Date

(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)DOR Pierre

2)FAUSER Dietmar 3)DANIEL Jr'me 4)MONBEL Stphane

5)DEGUET Cyril

(57) Abstract:

A computer implemented method is disclosed for providing a user with a consistent view of user session in a distributed environment. The method includes providing application servers (A1 A2 ...) with data storage means for storing part of the user context for that user session defining thereby for each user session a set of application servers (A3 B8 C4) having each an affinity with the user session. Each application server is configured to process a software application that is required for that user session. At a routing means (10 11 12) performing the following steps with at least one data processor: o receiving request from the user and routing transactions of the user session toward the application servers (A1 A2 ...) having an affinity with the user session in order to fulfill the request o assigning to the user session a correlation record (DCX) arranged to comprise Affinity Keys each Affinity Key indicating an application server that has an affinity with the user session for a given software application o propagating the correlation record with transactions allowing thereby the routing means (10 11 12) to target the application servers (A3 B8 C4) that are linked to the user context of that user session and that process the software application relevant to process the transaction.

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

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR SESSION SYNCHRONIZATION WITH INDEPENDENT EXTERNAL SYSTEMS

(51) International classification(31) Priority Document No(32) Priority Date	:H04L29/08 :11305256.7 :10/03/2011	(71)Name of Applicant: 1)AMADEUS S.A.S. Address of Applicant :485 route du Pin Montard Sophia
(33) Name of priority country	:EPO	Antipolis F 06410 Biot France
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:PCT/EP2012/054208 :12/03/2012 :WO 2012/120142 :NA :NA	(72)Name of Inventor: 1)BRIET Ccile 2)MIKAELIAN Jr'me 3)ALBEROLA Bertrand 4)PIERLOT Lo ⁻ ck
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of providing data synchronization in a data processing architecture including a data store (1) a client server or web server system for accessing said data store (1) and at least one possibly heterogeneous external system independent of said data store (1). A version merge mechanism handles concurrent update of a given user data in said data store (1) occurring when said data are simultaneously modified by the user and by other processes operating on said external systems. A particular feature of said method is that user related data including data from the external systems are saved without risk of loss even if the user has started a user session and is still working on it and user session is not forced to be saved until the user decides so. A system is described with a system architecture that suits the disclosed method. Several system configurations and typical use scenarios are provided.

No. of Pages: 39 No. of Claims: 35

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TESTING AN OVERSPEED PROTECTION SYSTEM OF A WIND TURBINE

(51) International classification :F03D11/00,G01R31/327,F01D21/20

(31) Priority Document No :PA 2011 70017 (32) Priority Date :13/01/2011 (33) Name of priority

country :Denmark

(86) International Application No :PCT/DK2012/050011

Filing Date :10/01/2012

(87) International Publication No :WO 2012/095111

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

(71)Name of Applicant:

1) VESTAS WIND SYSTEMS A/S

Address of Applicant : Hedeager 44 DK 8200 Aarhus N

Denmark

(72)Name of Inventor: 1)HOLZWEBER Paul

2)ANDREASEN Carsten T.S.

(57) Abstract:

The invention relates to a test tool for testing an overspeed protection system of a wind turbine where the overspeed protection system includes a sensor for sensing a first physical signal having a physical nature and representing a speed of rotation of a rotor of the wind turbine and for providing a corresponding output signal; means for receiving the output signal from the sensor and for determining based on the output signal if the speed of rotation exceeds a threshold of speed of rotation; and means for initiating if the speed of rotation exceeds the threshold of speed of rotation an action reducing the speed of rotation. The test tool includes a device capable of providing a second physical signal of the same physical nature as the first physical signal and that the test tool is suitable for supplying the second physical signal to the sensor so as to simulate the rotation of the wind turbine. The invention also relates to a method for testing the overspeed protection system of a wind turbine.

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

(21) Application No.6788/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: A WIND TURBINE FAULT DETECTION CIRCUIT AND METHOD

(51) International classification: F03D11/00,H02H3/16,H02M1/32 (71)Name of Applicant:

(31) Priority Document No :PA 2011 70032 (32) Priority Date :21/01/2011

(33) Name of priority country :Denmark (86) International Application

:PCT/DK2012/050023 No :20/01/2012 Filing Date

(87) International Publication :WO 2012/097825

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

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

1) VESTAS WIND SYSTEMS A/S

Address of Applicant: Hedeager 44 DK 8200 ... rhus N

Denmark

(72)Name of Inventor:

1)LUO Xue Wen

2)TUMABCAO Michael Casem

3)PARKHOU Masoud

(57) Abstract:

A wind turbine fault detection circuit 200 and method is disclosed herein. In a described embodiment the wind turbine fault detection circuit 200 comprises a magnetometer in the form of a hall effect sensor 202 coupled between a power converter 108 and a ground element 204 of the power converter 108 and configured to measure a ground current from the power converter to obtain a real ground current Ig; and a comparator 206 configured to determine presence of a fault based on the real ground current Ig.

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

(21) Application No.6789/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: MEMBRANE SEPARATION DEVICES SYSTEMS AND METHODS EMPLOYING SAME AND DATA MANAGEMENT SYSTEMS AND METHODS

(51) International :B01D17/12,B01D61/00,B01D24/28

classification (31) Priority Document No

:61/451903 :11/03/2011

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

(86) International :PCT/US2012/028522

Application No :09/03/2012 Filing Date

(87) International Publication :WO 2012/125470

(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)FENWAL INC.

Address of Applicant: Three Corporate Drive Lake Zurich IL

60047 U.S.A.

(72)Name of Inventor:

1)WEGENER Christopher J.

2)MIN Kyungyoon 3)FORCIOLI Laurent 4)BRIERTON Mark J. 5)BOGGS Daniel R.

(57) Abstract:

A membrane separation device is disclosed along with systems and methods employing the device in blood processing procedures. In one embodiment a spinning membrane separator is provided in which at least two zones or regions are created in the gap between the membrane and the shell such that mixing of the fluid between the two regions is inhibited by a radial rib associated with the membrane that decreases the gap between the membrane and the shell to define two fluid regions the ridge isolating the fluid in the two regions to minimize mixing between the two. Automated systems and methods are disclosed for separating a unit of previously collected whole blood into components such as concentrated red cells and plasma for collecting red cells and plasma directly from a donor in a single pass and for cell washing. Data management systems and methods and priming methods are also disclosed.

No. of Pages: 83 No. of Claims: 11

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MEMBRANE SEPARATION DEVICES SYSTEMS AND METHODS EMPLOYING SAME AND DATA MANAGEMENT SYSTEMS AND METHODS

(51) International classification	:B01D61/00	(71)Name of Applicant :
(31) Priority Document No	:61/537856	1)FENWAL ÎNC.
(32) Priority Date	:22/09/2011	Address of Applicant :Three Corporate Drive Lake Zurich IL
(33) Name of priority country	:U.S.A.	60047 U.S.A.
(86) International Application No	:PCT/US2012/028492	(72)Name of Inventor:
Filing Date	:09/03/2012	1)BOGGS Daniel R.
(87) International Publication No	:WO 2012/125457	2)BRIERTON Mark J.
(61) Patent of Addition to Application	:NA	3)KUSTERS Benjamin E.
Number	:NA	4)MIN Kyungyoon
Filing Date	.11/1	5)WAGENER Christopher J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A membrane separation device for use in blood processing procedures is disclosed. In one embodiment a spinning membrane separator is provided in which at least two zones or regions are created in the gap between the spinning membrane and the shell such that mixing of the fluid between the two regions is inhibited by a radial rib or ridge associated with the spinning membrane that decreases the gap between the spinning membrane and the shell to define two fluid regions the ridge isolating the fluid in the two regions to minimize mixing between the two. Automated systems and methods are disclosed for separating a unit of previously collected whole blood into selected blood components such as concentrated red cells and plasma for collecting red cells and plasma directly from a donor in a single pass and for cell washing. Data management systems and methods and priming methods are also disclosed.

No. of Pages: 84 No. of Claims: 11

(21) Application No.6791/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: HOT ROLLED STEEL SHEET EXHIBITING EXCEPTIONAL PRESS MOLDING PROPERTIES AND METHOD FOR MANUFACTURING SAME

(51) International classification: C22C38/06, C22C38/14, C21D8/02 (71) Name of Applicant:

:NA

:WO 2012/128206

(31) Priority Document No :2011061500

(32) Priority Date :18/03/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/056856

:16/03/2012

Filing Date (87) International Publication

No

(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)MAEDA Daisuke

2)KAWANO Osamu

3)OOTSUKA Kazuya

(57) Abstract:

THE PRESENT INVENTION ADDRESSES THE PROBLEM OF PROVIDING A HOT ROLLED STEEL SHEET AND A METHOD FOR MANUFACTURING SAME THE STRETCH FLANGEABILITY OF THE HOT ROLLED STEEL SHEET BEING ASSESSED ACCORDING TO THE ACTUAL PHENOMENON OF SIDE BEND ELONGATION AND NOT ACCORDING TO HOLE EXPANDABILITY AS IN THE PAST AND THE HOT ROLLED STEEL SHEET EXHIBITING EXCEPTIONAL PRESS MOLDING PROPERTIES OF HOLE EXPANDABILITY AS WELL AS STRETCH FLANGE PROCESSABILITY. TO SOLVE THE PROBLEM EXCELLENT HOLE EXPANDABILITY AND STRETCH FLANGEABILITY WERE CONFIRMED TO BE PRESENT IN A STEEL SHEET CHARACTERIZED IN THAT: THE METALLOGRAPHIC STRUCTURE OF A STEEL CONTAINING GIVEN PROPORTIONS OF C SI AND MN COMPRISES 70% OR MORE OF FERRITE BY AREA 30% OR LESS OF BAINITE BY AREA AND 2% OR LESS OF MARTENSITE AND/OR RESIDUAL AUSTENITE BY AREA; AND THE VOID FORMATION/CONNECTION INDEX L (M) INDICATED BELOW IS 11.5 (M) OR HIGHER IN REGARD TO THE MEAN SPACING (L L L) MEAN DIAMETER (D D D) AND NUMBER DENSITY (N N N) OF CEMENTITE INCLUSIONS AND EITHER OR BOTH OF MARTENSITE AND RESIDUAL AUSTENITE.

No. of Pages: 56 No. of Claims: 8

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: AUTOMATED INSERTION OF A CONTACT ROD INTO A METALLURGICAL PROBE

(51) International :G01K13/12,G01N1/12,G01N33/20 classification

(31) Priority Document No :11154627.1 (32) Priority Date :16/02/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/073726

:22/12/2011 Filing Date

(87) International Publication

:WO 2012/110148 No

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1) SIEMENS VAI METALS TECHNOLOGIES GMBH

Address of Applicant: Turmstrae 44 A 4031 Linz Austria

(72)Name of Inventor: 1)SCHEIDEGGER Roger

2)EBNER Helmut 3)PFEIL Simon

A contact rod (10) held in a holding area (12) by means of a holding and movement apparatus (11) is intended to be inserted into a metallurgical probe (3) which has a probe longitudinal axis (4) and is open on an end face (5). For this purpose a bearing point (2) for the probe (3) is fitted with the probe (3) in such a manner that the open end face (5) thereof faces a predetermined insertion direction. The bearing point (2) has probe centring elements (6) which are used to hold the probe (3) at the bearing point (2) in a predetermined probe position as seen transversely with respect to the probe longitudinal axis (4). One end (9) of the contact rod (10) is inserted into a contact rod centring device (8) in an insertion direction running transversely with respect to the probe longitudinal axis (4) until the end (9) of the contact rod (10) is positioned on account of the insertion into the contact rod centring device (8) in a predetermined contact rod position as seen transversely with respect to the probe longitudinal axis (4) in which the end (9) of the contact rod (10) is opposite the open end face (5). The contact rod (10) is then moved in the direction of the probe longitudinal axis (4) and is thereby inserted into the probe (3).

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

(21) Application No.6793/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: WIRE HARNESS ROUTING STRUCTURE SECTION

(51) International

:B60R16/02,H02G3/04,H02G11/00

classification

:2011102769

(31) Priority Document No (32) Priority Date

:02/05/2011

(33) Name of priority country

:Japan

(86) International Application

:PCT/JP2011/073527

Filing Date

:13/10/2011

(87) International Publication No

:WO 2012/150643

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)Sumitomo Wiring Systems Ltd.

Address of Applicant: 1 14 Nishisuehiro cho Yokkaichi shi

Mie 5100058 Japan (72)Name of Inventor:

1)NAGAYASU Daiki

2)SAKATA Tsutomu

(57) Abstract:

A wire harness routing structure section is used to route a wire harness between the body and a door of a vehicle. This wire harness routing structure section comprises: a wire harness which has a portion affixed to the body; and a protector which is disposed within the door has an insertion opening into which the wire harness extending from the body side to the door side is inserted has a space in which the wire harness can be deflected and houses the wire harness. The insertion opening of the protector is configured in such a manner that at least the inner peripheral edge of at least a circumferential portion of the opening end of the insertion opening is rounded.

No. of Pages: 33 No. of Claims: 6

(21) Application No.6794/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : ENGAGEMENT CHAIN TYPE DEVICE FOR FORWARD AND BACKWARD MOVEMENT OPERATION

(54) 5	D ((D = 11	
(51) International classification	:B66F7/12,F16G13/20	(71)Name of Applicant:
(31) Priority Document No	:2011027365	1)TSUBAKIMOTO CHAIN CO.
(32) Priority Date	:10/02/2011	Address of Applicant :3 3Nakanoshima 3 chome Kita ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5300005 Japan
(86) International Application No	:PCT/JP2011/080160	(72)Name of Inventor:
Filing Date	:27/12/2011	1)SAJI Tomoyuki
(87) International Publication No	:WO 2012/108110	2)MURAKAMI Keisuke
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an engagement chain type device for forward and backward movement operation the device being configured so that the space within the device is effectively utilized and that a device configuration most suitable for driving engagement chains is selected to enable the engagement chains to be smoothly driven. An engagement chain type device (100) for forward and backward movement operation is configured in such a manner that a pair of flat surface shaped chain support surfaces (132AS 132AS) which sandwich and support a rigid chain portion (110G) from both sides thereof each form a portion of each of the guide groove surfaces (132 132) of chain guide grooves (131 131) while being continuously connected to each of a pair of curved guide surfaces (132BS 132BS) which respectively guide disengaged portions (110H 110H) of a pair of engagement chains (110 110) the disengaged portions (110H 110H) having been disengaged from each other.

No. of Pages: 46 No. of Claims: 7

(22) Date of filing of Application :03/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING NATURAL LANGUAGE COMMENTS IN A TELECOMMUNICATION SYSTEM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)SANDHU, Gurbirinder Singh
(32) Priority Date	:NA	Address of Applicant :House No. 46, Sector 6, Panchkula,
(33) Name of priority country	:NA	Haryana 134109 (INDIA) Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANDHU, Gurbirinder Singh
(87) 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 system and method for generating a list of natural language comments during a telecommunication session between a customer and an operator wherein the system and method comprises of receiving a geographical code corresponding to the customerTMs location and obtaining data associated with the geographical code and processing the obtained data to generate a dynamic interface which comprises of a contextual content and the list of natural language comments.

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

(21) Application No.2139/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :17/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DEVICE FOR BONE MARROW ASPIRATION

(51) Intermetional alegation	. A C1D17/00	(71)Nome of Applicant.
(51) International classification	:A61B1//00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SECRETARY, DEPARTMENT OF BIOTECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF SCIENCE &
(33) Name of priority country	:NA	TECHNOLOGY GOVERNMENT OF INDIA, BLOCK 2, C.G.O.
(86) International Application No	:NA	COMPLEX, LODHI ROAD, NEW DELHI-110003, INDIA Delhi
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:	1)KARVE, JAYANT SITARAM
Filed on	:01/01/1900	2)SINGH, SANDEEP
(62) Divisional to Application Number	:NA	3)AGGARWAL, PRAVEEN
Filing Date	:NA	4)DHINGRA, RENU

(57) Abstract:

The present subject matter relates to a device for aspiration of bone marrow. The device includes a driver unit with spring, handle and clutch assembly, an outer unit with spirals and needle assembly for penetration and aspiration of bone marrow from patients body, an inner unit with integrated piston rod and trocar that rotates with the downward motion of the handle, thereby providing force for penetration and a connector connecting the outer unit and inner unit. The said outer unit includes a breakable sheath connecting the needle assembly and barrel for imparting protection against excessive force while insertion and for enabling disengagement of needle and preventing the device reuse. The bone marrow aspiration device has an external needle positioning element to support, firmly hold and position the device on insertion site thereby preventing slippage and sideways movement of the device. This element, also provides anatomical location of the insertion site, in this particular case, it provides the penetration location with reference to the tibial tuberosity.

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

(22) Date of filing of Application :03/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR THE FORMATION OF MULTI LAYER PAINT FILMS

(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 (51) International Publication No Filing Date (62) Divisional to Application Number Filing Date (53) International Publication No Filing Date SNA SNA SNA SNA SNA	(71)Name of Applicant: 1)BASF JAPAN LTD. Address of Applicant: 6 10 1 Roppongi Minato ku Tokyo 106 6121 Japan 2)HONDA MOTOR CO. LTD. (72)Name of Inventor: 1)MIZUNO Shigeyuki 2)KOJIMA Keisuke 3)KANEKO Katsuyoshi
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(57) Abstract:

The present invention seeks to provide a method for the formation of multi layer paint films in which aqueous colored paint in which a prescribed amount of specified titanium oxide has been compounded is used with which multi layer paint films which have a very bright paint color and especially a white or light colored color which have excellent concealing properties are formed with the omission of a mid coat paint coating process.

No. of Pages: 29 No. of Claims: 3

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : TEXTILE MACHINE HAVING AT LEAST ONE WEIGHTING ROLLER COMPRISING A PLURALITY OF MAGNETIC AREAS

(51) T	D00D	(71)
(51) International classification	:B22D	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)RIETER INGOLSTADT GMBH
(31) Thomas Document No	103 610.1	Address of Applicant :FRIEDRICH-EBERT-STRASSE 84,
(32) Priority Date	:25/04/2012	85055, INGOISTADT, GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DIETMAR GREIS
Filing Date	:NA	
(87) 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 textile machine, preferably a drawing frame, having a guide segment (1) for a fiber strand (2) to be fed into or out of the textile machine, wherein the guide segment (I)co mprises a support area (3) for the fiber strand (2), and at least one loading roller (4) pressing the fiber strand (2) against the support area (3) from above during operation of the textile machine and comprising two end faces (8). The invention proposes that the loading roller (4) comprises a magnetic region formed by at least one magnet (5) at each of the two end faces (8) thereof. The invention further relates to a corresponding loading roller (4).

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

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONTACT PLUG FOR DIRECTLY CONTACTING A CIRCUIT BOARD

(51) International classification :H01R12/87,H01R13/52,H01R12/72

(31) Priority Document No :10 2011 005 173.2 (32) Priority Date :07/03/2011

(33) Name of priority country: Germany

(86) International PCT/EP2012/052227 Application No

Filing Date :09/02/2012

(87) International Publication :WO 2012/119830

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)GAISER Timo

2)SCHOENFELD Michael

3)BERGER Lars 4)FLEIG Michael

(57) Abstract:

The invention relates to a contact plug (40) for directly electrically connecting contact surfaces (3) disposed on both sides of a circuit board (2) having two contact carriers (6) joined to each other with a hinge and forming a plug receptacle (7) between said carriers for the circuit board (2) and each comprising at least one contact element protruding into the plug receptacle (7) and having a spring (9) the two free contact tongues (9a) thereof extending past the two contact carriers (6) in the plug direction (4) of the contact plug (1) and being pretensioned in the direction toward each other and having a control channel (10) formed between the two contact carriers (6) and laterally adjacent to the plug receptacle (7) said control channel interacting with a control wedge (11) provided on the circuit board (2) for pivoting the two contact carriers (6) against the action of the spring (9) when the circuit board (2) is inserted and having a seal (13) sealing the back sides of the two contact carriers (6) in a mating contact plug (15) wherein according to the invention the two free contact tongues (9a) of the spring (9) extend past the two contact carriers (6) in the plug direction (4) of the contact plug (40) and the seal (13) is disposed between the contact carriers (6) and the center spring segment (9b) of the spring (9) wherein the two contact tongues (9a) extend through the seal (13) and are sealed at the seal (13).

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

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : REFRIGERATION SYSTEM CONTROLLED BY REFRIGERANT QUALITY WITHIN EVAPORATOR

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	:F25B1/00,F25B45/00,F25B39/02 :61/428576 :30/12/2010 :U.S.A. :PCT/US2011/067390	1)PDX TECHNOLOGIES LLC Address of Applicant :3040 Post Oak Blvd. Floor 13 Houston TX 77056 6500 U.S.A. (72)Name of Inventor:
No Filing Date (87) International Publication No	:27/12/2011 :WO 2012/092274	1)SCHERER John S. 2)TATOR Ralph G.
(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 controlling a refrigeration system 10 having a refrigerant disposed within a fluid tight circulation loop 12 with a compressor A method of controlling a refrigeration system 10 having a refrigerant disposed within a fluid tight circulation loop 12 with a compressor 14 a condenser 16 and an evaporator 18 wherein the method includes the steps of (a) compressing refrigerant in a gaseous state within the compressor 14 and cooling the refrigerant within the condenser 16; (b) flowing the refrigerant into the evaporator 18; (c) reducing the pressure of the refrigerant within the evaporator 18; (d) flowing refrigerant from the evaporator to the compressor 14; (e) repeating steps (a) (d); while controlling the flow of refrigerant in to the evaporator 18 in step (b) based upon the condition of the refrigerant within the evaporator 18.

No. of Pages: 46 No. of Claims: 24

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ANCHORS AND METHODS FOR INTESTINAL BYPASS SLEEVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:28/01/2012 :WO 2012/103531	(71)Name of Applicant: 1)METAMODIX INC. Address of Applicant:3650 Annapolis Lane North Suite #130 Plymouth Minnesota 55447 U.S.A. (72)Name of Inventor: 1)THOMPSON Paul J. 2)BELHE Kedar R. 3)GRAFOV Alexander D.
	:WO 2012/103531 :NA :NA :NA :NA	·

(57) Abstract:

A gastrointestinal device for implanting within a pylorus a duodenal bulb and a duodenum of a patient s gastrointestinal tract includes an expandable structure includes a proximal portion having a plurality of spring arms and a distal portion having a plurality of spring arms the proximal and distal portions coupled by a rigid central cylinder having a diameter capable of fitting within the pylorus and having a length greater than a width of the pylorus. A membrane is coupled to and covering at least a portion of one of the proximal portion and the distal portion of the expandable structure. An intestinal bypass sleeve is coupled to at least one of the proximal and distal portions of the expandable structure and having a length sufficient to extend at least partially into the duodenum. In the expanded configuration the proximal portion has a diameter larger than a maximum opening diameter of the pylorus and further wherein in the expanded configuration the distal portion has a diameter larger than a maximum opening diameter of the pylorus.

No. of Pages: 158 No. of Claims: 20

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: AUTOMATED SOLUTION DISPENSER

(51) International :G01G11/08,G01G19/22,A61L2/12 classification

:WO 2012/098403

(31) Priority Document No :1101075.8 (32) Priority Date :21/01/2011

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

(86) International Application :PCT/GB2012/050114

:19/01/2012

Filing Date

(87) International Publication No

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

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

(57) Abstract:

(19) INDIA

(71)Name of Applicant: 1)LABMINDS LTD

Address of Applicant :16 King Edward Street Oxford

Oxfordshire OX1 4HT U.K. (72)Name of Inventor:

2)KLINGELHOEFER Jochen W.

(21) Application No.6807/DELNP/2013 A

3)LEHTONEN Ville 4)OXLEY Camilla

1)WOZNY Michal

The present invention relates to an automated solution dispenser for dispensing a solution having a defined list of characteristics. In particular the automated solution dispenser according to the present invention is provided with one or more of the following modules: Central Mixing Chamber (CMC) Flush and Verification System (FVS) Liquid Handling System (LHS) Control System (CS) Pivot Pipe System (PPS) Solid Handling System (SHS) (which includes a Delivery mechanism and a Measuring mechanism) a Bottle Handling System (BHS) a Water Purification System (WPS) and Bottle Marking/Label (BM). The combination of one or more of these modules enables the automation of the creation of solution having the required characteristics.

No. of Pages: 51 No. of Claims: 61

(21) Application No.6808/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SHIELD CONDUCTOR

(51) International classification :H01B7/17,H01B7/20,H02G3/04 (71)Name of Applicant :

:23/02/2012

(31) Priority Document No :2011041708 (32) Priority Date :28/02/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/054357

No Filing Date

(87) International Publication No: WO 2012/117924

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)AUTONETWORKS TECHNOLOGIES LTD.

Address of Applicant: 1 14 Nishisuehiro cho Yokkaichi shi

Mie 5108503 Japan

2)SUMITOMO WIRING SYSTEMS LTD.

3)SUMITOMO ELECTRIC INDUSTRIES LTD.

(72)Name of Inventor: 1) IZAWA Katsutoshi 2)KUWAHARA Masanori

3)SONODA Fujio 4)ITANI Yasushi

5)SUGIMOTO Yoshinori 6)AOYAMA Naoki

(57) Abstract:

A shield conductor (10) is provided with: an electric wire (11); a cylindrical shield member (20) that encloses said electric wire (11) and takes the form of an end of a metal pipe (21) fitted into an end of a metal cylindrical accordion member (30); and a clamping ring (40) attached to the part where the end of the pipe (21) is fitted into the end of the cylindrical accordion member (30) that clamps the end of the pipe (21) and the end of the cylindrical accordion member (30) from the outside. The cylindrical accordion member (30) is provided with at least one slit (35) cut from the open end of said member (30) in the part clamped by the clamping ring (40).

No. of Pages: 34 No. of Claims: 5

(19) INDIA

(21) Application No.2165/DEL/2013 A

(22) Date of filing of Application :19/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: POWER FREE ELEVATOR

(51) International classification	·B23d	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHANDRA PRAKASH ARORA
(32) Priority Date	:NA	Address of Applicant :S/O RAM DASS ARORA, TARIN
(33) Name of priority country	:NA	JALA NAGAR, SHANJAHANPUR (UP)- 292001 Uttar Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHANDRA PRAKASH ARORA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device is useful for transporting of people & heavy load from great height to ground floor and from ground floor to any height against gravity without using any external energy or power source. With the help of cylindrical alloy tank (D) this elevator can stored large amount of water in it & sustain waters heavy pressure. Alloy Steel track (A) are used to maintain straight alignment of compartment car while moving up & down. Cylindrical Acrylic Sheeting (C) is used to give outer support to cylindrical tank. Operating panel Unit (D) is used for moving compartment car to desired height. With the help of Air ventilation Pipe (1) breathing atmospheric air comes inside & outside the compartment car while moving up & down in water based environment, Outer Alloy Steel Compartment body (2) is made in such a way that its tensile strength will remain higher & its density should be less than density of water to keep it in floating condition, Vacuum Gates (3) are used to avoid leakage of water inside the car while moving and to remove excess amount of water while passenger is boarding inside the compartment or going outside the compartment car with the help of Water Removal system for Doors (7). Inner Alloy Steel Compartment (4) is the small compartment inside the main compartment in which carry heavy load & people inside it. Ballast Air Tank Unit (5) is of its first which deflate or inflate air in it & maintain the density of whole compartment according to height required for lifting, when its got deflate the compartment density become heavier than water & compartment comes down and vice versa. Air Plungers (6) are used at back side of compartment to push the whole compartment towards gate and to make a air lock cylindrical tank wall & compartment car gate, this will avoid the leakage of heavy pressure water in to the building while boarding or de boarding of passenger into the compartment car.

No. of Pages: 7 No. of Claims: 6

(22) Date of filing of Application :26/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : ELECTRICAL SCREENING DEVICE FOR STRUCTURES NEAR HIGH VOLTAGE PARTS OF ELECTROSTATIC PRECIPITATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B03C3/70 :10197252.9 :29/12/2010 :EPO :PCT/IB2011/003043 :13/12/2011 :WO 2012/090041 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)JOHANSSON Per Bengt Daniel 2)BACK Andreas Olof
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electrostatic precipitator (1) having a collecting electrode plate assembly (2) including at least two electrode plates (3) disposed substantially parallel to each other in the vertical plane within the electrostatic precipitator (1) forming a space (5) between the collecting electrode plates (3) and a discharge electrode assembly (4) interposed in said space (5) wherein the electrode assembly (4) passing at least a supporting structure (8) of the collecting electrode plate assembly (2). The supporting structure (8) is provided with an electrical screening device (11) at least in the area of the supporting structure (8) facing said electrode assembly (4).

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: NON GRAIN ORIENTED ELECTRICAL STEEL STRIP OR SHEET COMPONENT PRODUCED THEREFROM AND METHOD FOR PRODUCING A NON GRAIN ORIENTED ELECTRICAL STEEL STRIP OR SHEET

(51) International classification: C22C38/00, C22C38/02, C21D8/12 (71) Name of Applicant:

(31) Priority Document No :12150315.5 (32) Priority Date :05/01/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/075966

:18/12/2012

Filing Date

(87) International Publication

:WO 2013/102556 No (61) Patent of Addition to

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

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

1)THYSSENKRUPP STEEL EUROPE AG

Address of Applicant : Kaiser Wilhelm Strae 100 47166

Duisburg Germany

2)THYSSENKRUPP ELECTRICAL STEEL GMBH

(72)Name of Inventor: 1)DORNER Dorothe 2)FISCHER Olaf 3)TELGER Karl

The invention relates to a non-grain-oriented electrical steel strip or sheet made of a steel that, in addition to iron and = unavoidable impurities, contains (in wt%) Si: 1.0-4.5%, AI: up to 2.0%, Mn: up to 1.0%, C: up to 0.01%, N: up to 0.01%, S: up to 0.012%, Ti: 0.1-0.5%, and P: 0.1-0.3%, wherein the following applies to the ratio %Ti/%P of the Ti content %Ti to the P content %P: 1.0 < %Ti/%P < 2.0. A non-grain-oriented electrical steel strip or sheet according to the invention and components for electrotechnical applications produced from such a sheet or strip are characterized by increased strength and at the same time good magnetic properties. The non-grain-oriented sheet or strip according to the invention can be produced by cold rolling a hot-rolled strip having the aforementioned composition to form a cold-rolled strip and subjecting said cold-rolled strip to a final annealing. The invention relates to different variants of said final annealing for the special mamfestation of certain properties of the non-grainoriented strip or sheet.

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

(21) Application No.6800/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR DETERMINING A TEMPERATURE OF FUEL

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:10 2011 005 061.2	1)ROBERT BOSCH GMBH
(32) Priority Date	:03/03/2011	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/051739	(72)Name of Inventor:
Filing Date	:02/02/2012	1)HEINRICH Andreas
(87) International Publication No	:WO 2012/116871	
(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 method for determining a temperature of fuel in an injection system (12) in which method the temperature of the fuel is determined depending on a temperature of a coil (8) of a metering unit (10) of the injection system (12) wherein an overall resistance of the current circuit of the metering unit (10) is measured and a proportion of a resistance of the coil (8) in the overall resistance of the current circuit is calculated and wherein the temperature of the coil (8) is calculated from the resistance of the coil (8).

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

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: WIPER BLADE ADAPTER IN PARTICULAR FOR A MOTOR VEHICLE WIPER DEVICE

(31) Priority Document No :10.2 (32) Priority Date :07/0 (33) Name of priority country :Ger (86) International Application No :PC' Filing Date :09/0	A A	gart
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(57) Abstract:

The invention relates to a wiper blade adapter in particular for a motor vehicle wiper device comprising a coupling unit (10) which comprises at least one first coupling element (12) and a second coupling element (14) which are provided for coupling at least two different types of wiper arm adapters (100 110 120 130) and housing means (62) which are provided for delimiting at least one part of one of the coupling elements (12). According to the invention said housing means (62) and the coupling element (12) are embodied such that they form one piece.

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

(21) Application No.6802/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SEMICONDUCTOR 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	:NA :NA :NA :PCT/JP2012/080159 :21/11/2012 :WO 2014/080471 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan 2)DENSO CORPORATION (72)Name of Inventor: 1)SOENO Akitaka 2)YAMAMOTO Toshimasa
Filing Date	:NA	

(57) Abstract:

This semiconductor device is provided with: a first conductivity type drift layer; a second conductivity type body layer; a first conductivity type source layer; a first conductivity type drain layer; a trench gate that reaches the drift layer by penetrating the body layer; a second conductivity type first semiconductor layer which surrounds a bottom portion of the trench gate and which is isolated from the body layer by means of the drift layer; a first conductivity type second semiconductor layer which is formed along a trench gate end portion in the longitudinal direction of the trench gate and which has one end portion thereof in contact with the body layer and the other end portion thereof in contact with the first semiconductor layer; and a connecting layer which has one end portion thereof connected to the body layer and the other end portion thereof connected to the first semiconductor layer and which is in contact with the second semiconductor layer said connecting layer being isolated from the trench gate end portion in the longitudinal direction of the trench gate by means of the second semiconductor layer.

No. of Pages: 19 No. of Claims: 3

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METALLOPROTEINASE OLIGOPEPTIDES AND THEIR THERAPEUTIC 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 	:13/012796 :24/01/2011 :U.S.A. :PCT/US2011/042948 :05/07/2011 :WO 2012/102753 :NA :NA	(71)Name of Applicant: 1)RATH Matthias Address of Applicant: 275 La Vida Road Aptos CA 95003 U.S.A. (72)Name of Inventor: 1)RATH Matthias
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention discloses identification and therapeutic use of matrix metalloproteinase oligopeptides. The oligopeptides are used for making antibodies. The antibodies are used for diagnostic and treatment purposes of various diseases. In particular the diseases may involve the mechanism of degradation of extracellular matrix by MMP s during cell proliferation cycle. Suppression of MMP activity seems to arrest tumor growth during cancer progression. MMP oligopeptides were used as vaccines to treat mice having murine melanoma B16FO induced tumor. There was a significant drop in tumor weight and size for the group of mice that were immunized with MMP oligopeptide.

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

(22) Date of filing of Application :05/04/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR PRIMING OR PURGING A PRODUCT DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/09/2011 :WO 2012/047521 :NA :NA :NA	(71)Name of Applicant: 1)THE COCA COLA COMPANY Address of Applicant: One Coca cola Plaza NW Atlanta GA 30313 U.S.A. (72)Name of Inventor: 1)NEWMAN David R.
Filing Date	:NA	

(57) Abstract:

Embodiments of the invention include systems and methods for priming or purging a product dispenser. In one embodiment a product dispenser (100) can include a plurality of beverage ingredient sources (140 150) comprising a respective beverage ingredient; a plurality of beverage supply lines (175 185) in respective communication with the plurality of ingredient sources (140 150); at least one pump (160 170) in communication with the plurality of beverage supply lines (175 185); and a controller (120) in communication with the at least one pump (160 170) and operable to execute a set of instructions operable to: receive a command to prime or purge the product dispenser; and activate the at least one pump (160 170) wherein a predefined amount of the respective beverage ingredients is simultaneously introduced into each of the plurality of beverage supply lines (175 185).

No. of Pages: 32 No. of Claims: 26

(22) Date of filing of Application :07/03/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: FERRITE THIN FILM-FORMING COMPOSITION MATERIAL, METHOD OF FORMING FERRITE THIN FILM, AND FERRITE THIN FILM FORMED USING THE SAME

(51) International classification	:C21D	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)MITSUBISHI MATERIALS CORPORATION
(31) Thomas Document No	076981	Address of Applicant :3-2, OTEMACHI 1-CHOME,
(32) Priority Date	:29/03/2012	CHIYODA-KU, TOKYO 1008117, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)DOI, TOSHIHIRO
Filing Date	:NA	2)SAKURAI, HIDEAKI
(87) International Publication No	: NA	3)NAKAMURA, KENZO
(61) Patent of Addition to Application Number	:NA	4)IGARASHI, KAZUNORI
Filing Date	:NA	5)SOYAMA, NOBUYUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a ferrite thin film-forming composition material that is a composition material for forming a ferrite thin film by using the sol-gel method which can form a thin ferrite thin film having a uniform thickness and, furthermore, has excellent long-term storage stability, a method of forming a ferrite thin film using the above composition material, and a ferrite thin film formed by using the above method. [Means for Resolution] A ferrite thin film-forming composition material is a composition material for forming a NiZn ferrite, CuZn ferrite, or NiCuZn ferrite thin film by using a sol-gel method, in which the composition material is formed by dissolving metallic raw materials in a solvent including acetonitrile, and the fraction of acetonitrile is 30 mass% to 60 mass% with respect to 100 raass% of the composition material.

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

(19) INDIA

(22) Date of filing of Application :31/07/2013

(54) Title of the invention: STREPTAVIDIN BONDED MAGNETIC PARTICLES AND MANUFACTURING METHOD FOR **SAME**

(51) International

:G01N33/53,G01N33/543,G01N33/553

classification

(31) Priority Document :2011029330

(32) Priority Date :15/02/2011

(33) Name of priority

:Japan country

(86) International

:PCT/JP2012/053463 Application No :15/02/2012

Filing Date (87) International

:WO 2012/111685

Publication No

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

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

(57) Abstract:

(43) Publication Date: 23/01/2015

(21) Application No.6819/DELNP/2013 A

(71)Name of Applicant:

1)KYOWA MEDEX CO. LTD.

Address of Applicant: 8 10 Harumi 1 chome Chuo ku Tokyo

1046004 Japan

(72)Name of Inventor:

1)ARAI Nobuvuki

2)MATSUOKA Yasuhiro

3)MORITA Kazuki

Provided are streptavidin bonded magnetic particles having a high biotin binding capability and a manufacturing method for the same. Streptavidin bonded magnetic particles characterised by having a structure in which streptavidins are cross linked on magnetic particles. A manufacturing method for streptavidin bonded magnetic particles including the following steps. (1) A step for preparing a suspension containing magnetic particles having amino groups on the surface thereof; and (2) a step for adding glutaraldehyde to the suspension prepared in step (1) in the presence of streptavidin and reacting the magnetic particles with the streptavidin and glutaraldehyde. These streptavidin bonded magnetic particles and streptavidin bonded magnetic particles manufactured by means of this manufacturing method can be used in clinical diagnosis.

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

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PLANAR SOLAR ENERGY CONCENTRATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G02B :13/425,811 :21/03/2012 :U.S.A. :NA :NA : NA :NA	l '
		2)DUFOUR, PASCAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A solar concentrator, comprising: a substantially planar light insertion layer being made of light-transmissive material and including: an optical entry surface, an array of optical redirecting elements, and an array of optical exits being, each of the optical 5 redirecting elements receiving and redirecting light towards an optical exit; a substantially planar light guide layer being made of Ught-transmissive material and including: a first surface for receiving light exiting the light insertion layer, a second surface opposite the first surface, the first and second surfaces being structured and arranged with one respect to the other such that Hght entering the light guide layer is 10 guided to at least one optical output surface via a series of reflections; and an array of optical apertures optically interconnecting the light insertion layer and the light guide layer formed by at least one deformed optical coupling element. A method of manufacture thereof is also disclosed.

No. of Pages: 116 No. of Claims: 30

(21) Application No.6812/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : INJECTOR FOR THE COMBUSTION CHAMBER OF A GAS TURBINE HAVING A DUAL FUEL CIRCUIT AND COMBUSTION CHAMBER PROVIDED WITH AT LEAST ONE SUCH INJECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F23R3/14,F23R3/34 :1150807 :02/02/2011 :France :PCT/FR2012/050177 :27/01/2012 :WO 2012/104525 :NA :NA :NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant:BP 2 F 64510 Bordes France (72)Name of Inventor: 1)CARRERE Bernard Joseph Jean Pierre 2)DABAT Jean Luc
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(57) Abstract:

The aim of the invention is to provide a starting injector that is usable in all flight modes without additional cost or weight. To this end said starting injector has a specific configuration comprising a dual fuel circuit and an air circuit. For this purpose an injector (1) for the combustion chamber (3) of a gas turbine comprises a dual fuel injection circuit (C1 C2) consisting of a starting fuel circuit (C1) for ignition and then for all the flight modes and a main fuel circuit (C2) for all the flight modes after starting. Said circuits (C1 C2) have parallel pipes (12a 12b) in a common tube (11) having an axis (X X). The pipe (12a) of the starting circuit is substantially in communication with the center of a spherical injector body. At said end (12e) the pipe accommodates an injection manifold (7) coupled to a central channel (41) passing through a central wall (14) of a swirler (4). The pipe (12b) of the main circuit (C2) is in communication with an annular channel (16) opposite jet channels (42). An air circuit (C3) is guided between two portions shaped as concentric spheres.

No. of Pages: 18 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :31/07/2013

(21) Application No.6813/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: INSTRUMENT 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 	:B60K37/02 :11/00286 :31/01/2011 :France :PCT/EP2012/000020 :04/01/2012 :WO 2012/104003 :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)BOX Benoit
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(57) Abstract:

The invention relates to a motor vehicle instrument panel (1) comprising a printed board (10) and at least one electrical element (20) the electrical element being fixed to the printed board the instrument panel also comprising a light box and a protective element able to protect the electric element the protective element and the light box being designed to be formed as a single piece.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: TWO LAYER MEMBRANE

(51) International

:B01D71/06,B01D71/18,B05D5/00

classification

(19) INDIA

(31) Priority Document No :61/431563

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

:11/01/2011

(86) International Application

:PCT/US2012/028513

:09/03/2012 Filing Date

No

(87) International Publication :WO 2012/097386

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

(62) Divisional to Application

:NA Number :NA Filing Date

(71)Name of Applicant:

1) HYDRATION SYSTEMS LLC

(21) Application No.6814/DELNP/2013 A

Address of Applicant: 9311 East Via de Ventura Scottsdale

Arizona 85259 U.S.A. (72)Name of Inventor:

1)HERRON John R.

(57) Abstract:

A method of forming a two layered membrane by immersion precipitation including: depositing a first hydrophilic polymer solution with a formulation optimized to produce a high performance porous layer; depositing on top of the first hydrophilic polymer solution a second different hydrophilic polymer solution optimized to produce a high performance dense layer; and forming the two layer polymer solution into one of a forward osmosis membrane and a pressure retarded osmosis membrane by bringing the second different hydrophilic polymer solution into contact with water to form the dense layer. A two layered membrane formed by immersion precipitation includes: a porous layer formed from a first hydrophilic polymer solution with a formulation optimized to produce a high performance porous layer; and a dense layer on top of and supported by the porous layer the dense layer formed from a second different hydrophilic polymer solution optimized to produce a high performance dense layer.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

:NA

:NA

(54) Title of the invention: FOOD WASTE CONCENTRATION SYSTEM AND RELATED PROCESSES

(51) International classification :B01D53/00,B01D53/48 (71)Name of Applicant : (31) Priority Document No 1) HYDRATION SYSTEMS LLC :61/431593 (32) Priority Date Address of Applicant: 9311 East Via de Ventura Scottsdale :11/01/2011 (33) Name of priority country :U.S.A. Arizona 85258 U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/028489 1)HERRON John R. Filing Date :09/03/2012 (87) International Publication No :WO 2012/106732 (61) Patent of Addition to Application :NA :NA Filing Date

(57) Abstract:

Filing Date

A forward osmosis system and process for producing fertilizer and recycling water from a food waste methane digester wastewater stream. The process includes: forming a residual wastewater stream from food waste using digesters; coarse filtering the residual wastewater stream; acid treating the filtered residual wastewater stream so that ammonium is retained therein; diverting the acid treated filtered residual wastewater stream to one side of at least one forward osmosis membrane; and concentrating the acid treated filtered residual wastewater stream to form fertilizer by contacting a saturated salt brine in a forward osmosis draw loop to an opposite side of the at least one forward osmosis membrane and osmotically pulling water across the at least one forward osmosis membrane from the acid treated filtered residual wastewater stream to the saturated salt brine thereby diluting the saturated salt brine.

No. of Pages: 26 No. of Claims: 12

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CDC42 INHIBITOR AND USES THEREOF

(51) International classification :A61K31/495,C07D239/69,A61P35/00

(31) Priority Document No :201110135073.8 (32) Priority Date :23/05/2011

(32) Priority Date :23/05/2011 (33) Name of priority :China

country

(86) International :PCT/CN2012/000708

Application No Filing Date :1C1/CN20

(87) International :WO 2012/159456

Publication No
(61) Patent of Addition to
Application Number
Filing Date
.WO
:NA

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

 ${\bf 1) ONCO\ BIOMEDICAL\ TECHNOLOGY\ (SUZHOU)\ CO.}$

LTD

Address of Applicant :6 Beijing Rd (W) Taicang Economic

Development Zone Taicang Jiangsu 215400 China

(21) Application No.10023/DELNP/2013 A

(72)Name of Inventor:

1)LU Qun

2)ZHOU Huchen

3)CHEN Yanhua

(57) Abstract:

A compound having the structure of formula I for use in preparing a CDC42 inhibitor. Morphological analysis of filopodia a western blot of CDC42 phosphorylation and experiments on cell wound healing and on growth cone formation all demonstrate that the compound provided in the present invention is able to inhibit all processes having CDC42 participation effectively inhibit the effects of CDC42 and effectively inhibit cell functions having actin participation such as Golgi organization and cell movement.

No. of Pages: 22 No. of Claims: 8

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: JAM TOLERANT ELECTROMECHANICAL ACTUATOR DECOUPLER

(51) International classification	:F16D	(71)Name of Applicant:
(31) Priority Document No	:13/435560	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:30/03/2012	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HOU, SUYU
(87) International Publication No	: NA	2)ZIRIN, ROBERT
(61) Patent of Addition to Application Number	:NA	3)MOSCINSKI, MICHAEL COLAN
Filing Date	:NA	4)BALASUBRAMANIAM, MAHADEVAN
(62) Divisional to Application Number	:NA	5)GHANIME, GEORGE
Filing Date	:NA	6)WANGER, DAVID J.

(57) Abstract:

An actuator decoupler for selectively coupling and decoupling a driving part and a driven part of an actuation system is disclosed. The driving part can be coupled to the actuator decoupler, and the actuator decoupler can be coupled to the driven part via at least one coupling pin. In a selectively coupled state, the driven part can be at least one of rotationally and longitudinally fixed to the actuator decoupler and, thereby, the driving part. The actuator decoupler can be decoupled from the driven part through the use of a preloaded energy mechanism configured to disengage the at least one coupling pin from the driven part. Thereby, the actuator may be responsive to a jam in the actuation system to selectively decouple the driven part from the actuator decoupler and the driving part so that the driven part has freedom to translate at least one of rotationally and longitudinally.

No. of Pages: 83 No. of Claims: 24

(21) Application No.6825/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ALUMINUM ALLOY CONDUCTOR COMPOSITE REINFORCED FOR HIGH VOLTAGE **OVERHEAD POWER LINES**

(51) International classification :H01B1/02,H01B9/04,H01B1/04 (71)Name of Applicant :

(31) Priority Document No :12/985073 (32) Priority Date :05/01/2011

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

(86) International Application No:PCT/US2012/020344

Filing Date :05/01/2012

(87) International Publication No: WO 2012/094504

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ALCAN PRODUCTS CORPORATION

Address of Applicant: Three Ravinia Drive Suite 1600 Atlanta

GA 30346 2133 U.S.A.

(72)Name of Inventor: 1)FANCHER Michael L. 2)ASSELIN Jean Marie 3)GOODMAN Steven R.

4)VAUGHN Bruce F.

(57) Abstract:

Embodiments of the invention relate to aluminum alloy conductor composite reinforced for high voltage overhead power lines and associated methods of use and manufacture. In one embodiment a transmission cable can be provided. The transmission cable can include a core including at least one of: a composite core a plurality of fibers in a matrix of one or more materials or a set of carbon fibers embedded in an epoxy matrix; and a plurality of wires wrapped around the core wherein the wires comprise at least one of the following: aluminum 6201 T83 alloy aluminum 6201 T81 alloy aluminum 1350 H 19 alloy or a heat resistant aluminum zirconium alloy; wherein the transmission cable has a low sag characteristic.

No. of Pages: 34 No. of Claims: 20

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : BINDER CONVERTED ALUMINOSILICATE X TYPE ZEOLITE COMPOSITIONS WITH LOW LTA TYPE ZEOLITE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C01B39/22,B01J20/18,C07C7/12 :61/474927 :13/04/2011 :U.S.A.	(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.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2012/032255 :05/04/2012 :WO 2013/106017	 (72)Name of Inventor: 1)HURST Jack E. 2)CHENG Linda S. 3)BROACH Robert W.
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

A zeolitic binder converted composition comprising (a) a zeolite X composition having at least a first zeolite X having a mean diameter not greater than 2.7 microns and a second zeolite X wherein the second zeolite X is obtained by converting a binder material to the second zeolite X and the binder material is in a range from 5 to 50 wt% of the zeolite X composition; and (b) an unconverted binder material content after conversion to the second zeolite X is complete in a range from 0 to 3 wt% of the zeolite X composition. The zeolite X composition has an average Si/Al framework mole ratio in a range from 1.0 to 1.5 and a relative LTA intensity not greater than 1.0 as determined by x ray diffraction (XRD). The zeolitic binder converted composition is useful in a process for separating para xylene from a mixture of C alkylaromatics.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: FLEXIBLE BAG FOR CULTIVATION OF CELLS

(51) International classification	:C12M3/00	(71)Name of Applicant:
(31) Priority Document No	:61/454138	1)GE HEALTHCARE BIO SCIENCES AB
(32) Priority Date	:18/03/2011	Address of Applicant :Patent Department Bjrkgatan 30 S 751
(33) Name of priority country	:U.S.A.	84 Uppsala Sweden
(86) International Application No	:PCT/SE2012/050292	(72)Name of Inventor:
Filing Date	:16/03/2012	1)CHOTTEAU Vronique
(87) International Publication No	:WO 2012/128703	2)DIANA Rafael
(61) Patent of Addition to Application	:NA	3)KAISERMAYER Christian
Number	:NA	4)LINDSKOG Eva
Filing Date	.IVA	5)ROBINSON Craig
(62) Divisional to Application Number	:NA	6)RUCKER Jimmie L.
Filing Date	:NA	7)WALSH Kieron D.

(57) Abstract:

An inflatable bioreactor bag for cell cultivation which comprising a top and a bottom sheet of flexible material joined together to form two end edges and two side edges wherein one baffle or a plurality of baffles extend from the bottom sheet in a region where the shortest distance to any one of the two end edges is higher than about one fourth of the shortest distance between the two end edges.

No. of Pages: 40 No. of Claims: 23

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PZT BASED FERROELECTRIC THIN FILM AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:C21D	(71)Name of Applicant:
(31) Priority Document No	:2012- 079197	1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3-2, OTEMACHI 1-CHOME,
(32) Priority Date		CHIYODA-KU, TOKYO 1008117, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NOGUCHI, TAKASHI
Filing Date	:NA	2)DOI, TOSHIHIRO
(87) International Publication No	: NA	3)SAKURAI, HIDEAKI
(61) Patent of Addition to Application Number	:NA	4)WATANABE, TOSHIAKI
Filing Date	:NA	5)SOYAMA, NOBUYUKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide a PZT-based ferroelectric thin film having higher lifetime reliability while maintaining the same dielectric characteristics as a ferroelectric thin film of the related art and a method of manufacturing the same. [Means for Resolution] A PZT-based ferroelectric thin film formed on a lower electrode of a substrate having the lower electrode in which the crystal plane is oriented in a (111) axis direction, having an orientation controlling layer which is formed on the lower electrode and has a layer thickness in which a crystal orientation is controlled in a (111) plane preferentially in a range of 45 nm to 270 nm, and a film thickness adjusting layer which is formed on the orientation controlling layer and has the same crystal orientation as the crystal orientation of the orientation controlling layer, in which an interface is formed between the orientation controlling layer and the film thickness adjusting layer.

No. of Pages: 64 No. of Claims: 9

(21) Application No.6845/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: FIREARM

(51) International classification :F41A5/18,F41A5/26,F41A5/28 (71)Name of Applicant :

(31) Priority Document No :61/433092 (32) Priority Date :14/01/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/021358

Filing Date :13/01/2012 (87) International Publication No :WO 2012/097327

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

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

1)ARMWEST LLC

Address of Applicant :955 West Rosser Street Prescott

Arizona 86305 U.S.A. (72)Name of Inventor:

1)SULLIVAN Lerov James

2)MCGARRY James

3)WATERFIELD Robert Lloyd 4)LATULIPPE JR. Paul N.

(57) Abstract:

A firearm can have a bolt having a plurality of locking lugs that are configured to have a shear area that is at least approximately 1.3 times that of a standard M16/M4. A piston can be formed on the bolt and can have a plurality of rings that are configured to cooperate with the piston to mitigate gas leakage past the piston. Each of the rings can have a key formed thereon and a gap formed therein such that the gap of one ring is configured to receive at least a portion of the key of another ring. The bolt carrier can have a double cut cam.

No. of Pages: 107 No. of Claims: 133

(21) Application No.6846/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: RAILWAY VEHICLE BODY TILTING SYSTEM

(51) International classification	:B61F5/22,B61F5/10,B61F5/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NIPPON SHARYO LTD.
(32) Priority Date	:NA	Address of Applicant :1 1 Sanbonmatsu cho Atsuta ku Nagoya
(33) Name of priority country	:NA	shi Aichi 4568691 Japan
(86) International Application No	:PCT/JP2011/060415	(72)Name of Inventor:
Filing Date	:28/04/2011	1)SHINMURA Hiroshi
(87) International Publication No	:WO 2012/147195	2)HAYASHI Tetsuya
(61) Patent of Addition to	:NA	3)OKADA Nobuyuki
Application Number	:NA	4)KAMIKAWA Naohide
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

A railway vehicle body tilting system has a height control valve (71) for supplying and discharging compressed air to and from an air spring by the action of an actuator an auxiliary control valve (72) for supplying compressed air to the air spring and thereby causing a car body to tilt a backup valve (73) for switching the connection between the air spring (53) and either the height control valve (71) or the auxiliary control valve (72) and a controller (11 21) installed in each of a plurality of vehicles (1 2) linked together as a train. During normal operation the controller (11 21) provided in each of the cars controls the height control valve (71) of the respective car and monitors for faulty operation in other associated controllers (11 21). If a fault arises in an associated controller control over the malfunctioning controller is terminated and another properly functioning controller controls a backup valve in the car provided with the malfunctioning control device.

No. of Pages: 21 No. of Claims: 3

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ALTERNATIVE SURFACE FINISHES FOR FLIP CHIP BALL GRID ARRAYS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01L23/498 :12/986584 :07/01/2011 :U.S.A. :PCT/US2012/020464 :06/01/2012 :WO 2012/094582 :NA :NA	(71)Name of Applicant: 1)ATI Technologies ULC Address of Applicant: One Commerce Valley Drive E. Markham Ontario L3T 7X6 Canada (72)Name of Inventor: 1)LEUNG Andrew K. 2)MCLELLAN Neil
(61) Patent of Addition to Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A ball grid array package device includes a substrate with a copper ball grid array pad formed on the substrate. A nickel layer may be formed on the copper pad and a tin layer formed on the nickel layer. The nickel layer may be formed using an electroless nickel plating process. The tin layer may be formed using an immersion tin process. In some cases silver may be used instead of tin and formed using an immersion silver process.

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: RECHARGEABLE BATTERY AND METHOD OF 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 	:H01M :61/608,281 :08/03/2012 :U.S.A. :NA :NA	/
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)DONG-HO JEONG
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A rechargeable battery and a method of manufacturing the same, the battery including an electrode assembly, the electrode assembly including a first electrode, a second electrode, and a separator between the first electrode and the second electrode; and a case accommodating the electrode assembly, wherein each of the first and second electrodes includes a coated region having an active material layer on a current collector and an uncoated region free of the active material layer, and in at least one electrode of the first and second electrodes, the current collector is characterized-by an x-ray diffraction pattern in which a ratio of an FWHM of a largest peak:an FWHM of a second largest peak of the current collector in the uncoated region is greater than a ratio of an FWHM of a largest peak:an FWHM of a second largest peak of the current collector in the coated region.

No. of Pages: 41 No. of Claims: 20

(21) Application No.6480/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: CONTOURABLE CORE FABRIC AND METHOD OF MAKING SAME

(51) International classification :B32B3/16,B32B7/14,B32B21/10 (71)Name of Applicant:

(31) Priority Document No :12/980835 (32) Priority Date :29/12/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/038295 No

:27/05/2011 Filing Date

(87) International Publication :WO 2012/091751

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

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

1)SAINT GOBAIN ADFORS CANADA LTD.

Address of Applicant: 1795 Baseline Road Grand Island NY

14072 U.S.A.

(72)Name of Inventor:

1)NEWTON Mark Joseph

2)SYED Joe 3)HOOK Kerry D.

4)BROWN Nancy E.

(57) Abstract:

A method includes providing an open weave fiber glass scrim (102) and printing a discontinuous pattern of an ethylene vinyl acetate (EVA) hot melt adhesive (108) on a major surface of the open weave fiber glass scrim the adhesive having sufficient viscosity at an application temperature used during the printing step to avoid wicking through the scrim.

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

(21) Application No.6828/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: AN ACTUATOR ELEMENT AND AN ACTUATOR FOR GENERATING A FORCE AND/OR A **MOVEMENT**

(51) International :F04B17/00,F04B17/03,F04B19/22 classification

(31) Priority Document No :PA 2011 00123 (32) Priority Date :23/02/2011

(33) Name of priority country: Denmark

(86) International Application :PCT/DK2012/000017 No

:22/02/2012 Filing Date

(87) International Publication

:WO 2012/113398

(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)JOLTECH APS

Address of Applicant :Birke All 2 st.th. DK 6400 S nderborg

(72)Name of Inventor:

1)OLSEN Jan

(57) Abstract:

The present invention concerns an actuator element (1) for generating a force and/or a movement the element (1) comprising at least one cylindrical rubber part (4) at least one helical spring (3) and at least one SMA wire wound to a helical shape (2) the cylindrical rubber part (4) having in its longitudinal direction a cylindrical cavity the helical spring (3) and the wound SMA wire (2) being arranged around the cylindrical cavity. The invention relates furthermore to a liquid pump an actuator and a vibration damper for damping vibration comprising an actuator element according to the invention.

No. of Pages: 34 No. of Claims: 24

(21) Application No.6829/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DISPLAY DEVICE WITH INTEGRATED PHOTOVOLTAIC CELLS AND IMPROVED

BRIGHTNESS

(51) International :G02B27/22,H04N13/00,G02F1/1335

:France

:30/01/2012

:PCT/FR2012/000038

classification

(31) Priority Document No :1100278 (32) Priority Date :31/01/2011

(33) Name of priority

country

(86) International

Application No Filing Date

(87) International

:WO 2012/104503 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)WYSIPS

Address of Applicant : Domaine de Valmousse D572 F 13410

Lambesc France

(72)Name of Inventor: 1)GILBERT Jo«l 2)CARDI Philippe

3)TASSE Rmy

(57) Abstract:

The invention relates to a display device (1) in particular a digital display screen including integrated photovoltaic cells and comprising: (a) an array (3) of image zones (4) emitting light or backlit by a light source (2) placed behind the array (3) of image zones (4); (b) an array (6) formed by a plurality of photovoltaic cells (7 8) and a plurality of holes (13) in which array two adjacent photovoltaic cells form a hole; and (c) a lens array (5) that can be used to focus the light emitted by the image zones (4) in the hole between two adjacent photovoltaic cells (7 8). The device (1) is characterised in that the lens array (5) is positioned between the array (3) of image zones (4) and the array (6) of photovoltaic cells (7 8).

No. of Pages: 22 No. of Claims: 16

(21) Application No.6830/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: RANDOM MAT AND FIBER REINFORCED COMPOSITE MATERIAL

(51) International :D04H1/60,D04H1/542,B29C43/34 classification

(31) Priority Document No :2011019891 (32) Priority Date :01/02/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/070314

:31/08/2011 Filing Date

(87) International Publication :WO 2012/105080

No

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

:NA Filing Date

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

(57) Abstract:

(71)Name of Applicant: 1)TEIJIN LIMITED

Address of Applicant :6 7 Minamihommachi 1 chome Chuo

ku Osaka shi Osaka 5410054 Japan

(72)Name of Inventor: 1)KONAGAI Yuhei

2)HAGIHARA Katsuvuki

3)SONODA Naoaki

4)OKIMOTO Noboru

The purpose of the present invention is to provide a random mat used as a preform of a molded fiber reinforced composite material. According to the random mat of the present invention a reinforced fiber bundle (A) comprises thermoplastics resin and reinforced fiber which is between 5mm and 100mm in length and between 25g/m and 3 000g/m in weight and has single varns more than the critical number of single yarns defined in formula (1) a ratio to the total amount of fiber of the mat being equal to or higher than 30 Vol% and lower than 90 Vol% and the average number of fiber (N) of the reinforced fiber bundle (A) satisfying formula (2) below. Critical number of single varns = 600/D (1) $0.7 - 104/D \le N \le 1 - 106/D2$ (2) (where D is an average fiber diameter (µm) of the reinforced fiber.)

No. of Pages: 35 No. of Claims: 5

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: APPARATUS FOR PREPARING PELLETS OF POLY(TRIMETHYLENE TEREPHTHALATE)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29B9/06,C08J3/12 :61/447875 :01/03/2011 :U.S.A. :PCT/US2012/027229 :01/03/2012 :WO 2012/118940 :NA :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. (72)Name of Inventor: 1)MADELEINE Dennis Gerard 2)MOLITOR Michael Joseph 3)ENG John Harvey
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(57) Abstract:

An apparatus is described having an extrusion means (34) for extruding a molten polymer strand (36); a pelletizer; and a trough (310) disposed to convey a polymer strand from the extrusion means to the pelletizer (315); the trough (310) has an interior bottom surface; a water dispensing means (39) disposed to provide a layer of water (38) on a first portion (37) of the interior bottom surface that is proximate to the extrusion means; a mesh (312) or perforated surface disposed in the trough (310) downstream (311) from the water dispensing means (39) disposed to permit the separation of water from a water immersed strand incident upon it; and a second portion (313) of the interior bottom surface downstream from that mesh (312) or perforated surface disposed to contain a layer of water.

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

(21) Application No.6834/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: FLUID PRODUCT DISTRIBUTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B05B11/00 :1151471 :23/02/2011 :France :PCT/FR2012/050360 :20/02/2012 :WO 2012/114035 :NA :NA	(71)Name of Applicant: 1)APTAR FRANCE SAS Address of Applicant: Lieudit le Prieur F 27110 Le Neubourg France (72)Name of Inventor: 1)MULLER Patrick 2)STUART Bruno
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2012/114035 :NA	·
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a fluid product distributor comprising: a fluid product reservoir (1) that is at least locally transparent; and a guiding tube (21) extending into the reservoir (1). Said distributor is characterised in that it also comprises a gauge ring (19) that is freely engaged around the guiding tube (21) and floats in the fluid product in such a way as to visually indicate the level of fluid product in the reservoir.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: LATERALLY ACTUATED DEVICE FOR DISPENSING A FLUID MATERIAL

(51) International :B05B11/00,B65D83/38,B65D83/22 classification

(31) Priority Document No :1152301 (32) Priority Date :21/03/2011 (33) Name of priority country: France

(86) International Application: PCT/FR2012/050573

:19/03/2012

Filing Date

(87) International Publication :WO 2012/127166 No

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

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

Filing Date

(71)Name of Applicant: 1)APTAR FRANCE SAS

Address of Applicant: Lieudit le Prieur F 27110 Le Neubourg

(72)Name of Inventor: 1)PARDONGE Jean Marc

(57) Abstract:

The invention relates to a device for dispensing a fluid material comprising: a body (10); a tank (20); a dispensing head (100) including a dispensing opening (5); and a dispensing member (30) such as a pump or valve mounted onto said tank (20) via an attachment ring (60) said dispensing member (30) comprising a dispensing member body (31) and a movable member (35) that is axially moved in said dispensing member body during the actuation of said dispensing member (30). Said device also comprises a lateral actuation system (40) secured to said body (10) said system comprising an actuation element (41) engaging with said attachment ring (60) said actuation element (41) being movable in a direction substantially transverse to the direction of movement of said movable member (35) between a rest position in which said dispensing member (30) is not actuated and an actuation position in which said dispensing member (30) is actuated. Said attachment ring (60) comprises a top radial flange (60) that extends radially outward and said actuation element (41) comprises at least one radial projection (412) a top edge (413) of which contacts a bottom edge of said radial flange (61) during the actuation.

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

(21) Application No.6836/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: HIGH STRENGTH HIGH TOUGHNESS STEEL ALLOY

(51) International classification	:C22C38/42,C22C38/44	(71)Name of Applicant :
(31) Priority Document No	:13/016606	1)CRS HOLDINGS INC.
(32) Priority Date	:28/01/2011	Address of Applicant :1105 North Market Street Suite 601
(33) Name of priority country	:U.S.A.	Wilmington DE 19801 U.S.A.
(86) International Application No	:PCT/US2012/023088	(72)Name of Inventor:
Filing Date	:30/01/2012	1)NOVOTNY Paul M.
(87) International Publication No	:WO 2012/103539	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A high strength high toughness steel alloy is disclosed. The alloy has the following weight percent composition. Element C 0.30~0.47 Mn $0.8~1.3~Si~1.5~2.5~Cr~1.5~2.5~Ni~3.0~5.0~Mo + <math>\frac{1}{2}$ W 0.7~0.9~Cu~0.70~0.90~Co~0.01~max. V + (5/9) x Nb 0.10~0.25~Ti~0.005~max. Al 0.015~max. Fe Balance Included in the balance are the usual impurities found in commercial grades of steel alloys produced for similar use and properties including not more than about 0.01% phosphorus and not more than about 0.001% sulfur. Also disclosed is a hardened and tempered article that has very high strength and fracture toughness. The article is formed from the alloy having the weight percent composition set forth above. The alloy article according to this aspect of the invention is further characterized by being tempered at a temperature of about $500^{\circ}F$ to $600^{\circ}F$.

No. of Pages: 15 No. of Claims: 27

(21) Application No.6840/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : WIPER BLADE ADAPTER DEVICE IN PARTICULAR FOR A MOTOR VEHICLE WINDSCREEN WIPER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/38 :102011005171.6 :07/03/2011 :Germany :PCT/EP2012/050428 :12/01/2012 :WO 2012/119803 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)DEPONDT Helmut 2)BEX Koen 3)HERINCKX Dirk
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(57) Abstract:

The invention relates to a wiper blade adapter device in particular for a motor vehicle windscreen wiper device comprising a wiper blade adapter (10) which comprises at least one elastic latching means (12) for coupling to a wiper strip unit (14). According to the invention said wiper blade adapter device comprises at least one securing means (16) which secures the at least one latching means (12) in a mounted state.

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

(21) Application No.6841/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : STORAGE DEVICE FOR STORING ELECTRICAL ENERGY AND METHOD FOR OPERATING A STORAGE 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 	:12/01/2012 :WO 2012/123138 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)OSSWALD Alexander 2)GLAUNING Rainer 3)HEINRICH Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) A1		

(57) Abstract:

The invention relates to a storage device (101) for storing electrical energy comprising a storage cell (103) which can be charged by means of an electrical charging current a charging circuit (105) which is connected to the storage cell (103) for charging the storage cell (103) a discharging circuit (107) which is connected to the storage cell (103) for discharging the storage cell (103) and a monitoring device (109) for monitoring a physical variable in the storage cell (103) wherein a switching element (111) which can be controlled by means of the monitoring device (109) is formed for interrupting the charging circuit (105) depending on the monitored physical variable. In addition the invention relates to a method for operating a storage device (101) for storing electrical energy.

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

(21) Application No.6842/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR OPERATING A VENTILATION SYSTEM WITH A MIXING CHAMBER

	:F24F3/052,F24F13/04,F24F13/14 :10 2011 000 525.0	(71)Name of Applicant: 1)BAUER Albert
(32) Priority Date	:04/02/2011	Address of Applicant :Hermann Levi Str. 7 80939 M¼nchen
(33) Name of priority country	:Germany	Germany
(86) International Application	:PCT/EP2011/072329	(72)Name of Inventor:
No	:09/12/2011	1)BAUER Albert
Filing Date	.07/12/2011	
(87) International Publication	:WO 2012/103979	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date (62) Divisional to Application		
Number	:NA	
Filing Date	:NA	
I ming Date		

(57) Abstract:

The invention relates to a method for operating a ventilation system with a mixing chamber (10) into which air is supplied via a first supply duct (12) and via at least one further supply duct (14). Air is removed from the mixing chamber (10) by a removal duct (16). The supply of air volume control into the mixing chamber (10) from the supply ducts (12 14) is controlled in each case via flaps (18 20) with a plurality of flap leaves (22 24) and/or a plurality of flap units each having a plurality of intercoupled flap leaves (22 24). According to the invention the flap leaves (22 24) and/or the flap units are activated individually and an individual opening position of the respective flap leaves (22 24) or of the flap units with the flap leaves (22 24) is made possible.

No. of Pages: 21 No. of Claims: 13

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: APPARATUS AND METHOD FOR MEASURING MAGNETIC FIELDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01R33/05 :10 2011 005 764.1 :18/03/2011 :Germany :PCT/EP2012/053037 :23/02/2012 :WO 2012/126693 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)SCHATZ Frank 2)FARBER Paul 3)WEISS Stefan 4)LAMMEL Gerhard 5)RENNINI Found
· /	*	<i>'</i>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an apparatus for measuring a magnetic field, with a core (1) having a core material, the magnetization of which can be reversed, and an exciter coil for reversing the magnetization of the core material, wherein the core material, the magnetization of which can be reversed, is in the form of a layer or a plurality of layers (12, 14, 16) arranged at a distance from one another, and the core (10) has a maximum total expansion G, where G > 0.2 mm, has a length-to-width ratio which is greater than or equal to the value of 20, and has a thickness G, where G > 0.2 mm. The invention also relates to a corresponding method for measuring a magnetic field.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: COTTON TRANSGENIC EVENT MON 88701 AND METHODS OF USE THEREOF

(51) International classification	:C12N15/82	(71)Name of Applicant:
(31) Priority Document No	:61/469118	1)MONSANTO TECHNOLOGY LLC
(32) Priority Date	:30/03/2011	Address of Applicant :800 North Lindbergh Blvd. St. Louis
(33) Name of priority country	:U.S.A.	MO 63167 U.S.A.
(86) International Application No	:PCT/US2012/028949	(72)Name of Inventor:
Filing Date	:13/03/2012	1)BRINKER Ronald J.
(87) International Publication No	:WO 2012/134808	2)BURNS Wen C.
(61) Patent of Addition to Application	:NA	3)FENG Paul C.C.
Number	:NA	4)KENDIG John A.
Filing Date	.11/1	5)LECLERE Sherry
(62) Divisional to Application Number	:NA	6)LUTKE Jennifer Lynn
Filing Date	:NA	7)MALVEN Marianne

(57) Abstract:

The invention provides cotton event MON 88701 and plants plant cells seeds plant parts and commodity products comprising event MON 88701. The invention also provides polynucleotides specific for event MON 88701 and plants plant cells seeds plant parts and commodity products comprising polynucleotides specific for event MON 88701. The invention also provides methods related to event MON 88701.

No. of Pages: 64 No. of Claims: 33

(21) Application No.6763/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: MEMBRANE SEPARATION DEVICES SYSTEMS AND METHODS EMPLOYING SAME AND DATA MANAGEMENT SYSTEMS AND METHODS

(51) International :B01D17/12,B01D61/00,B01D24/28

classification (31) Priority Document No

:61/451903

(32) Priority Date

:11/03/2011

(33) Name of priority country: U.S.A. (86) International

:PCT/US2012/028550

Application No

:09/03/2012

Filing Date

(87) International Publication :WO 2012/125480

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

:NA

Filing Date

:NA

(62) Divisional to **Application Number**

:NA

Filing Date

:NA

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

Address of Applicant: Three Corporate Drive Lake Zurich IL

60047 U.S.A.

(72)Name of Inventor:

1)KUSTERS Benjamin E.

2)WEGENER Christopher J.

3)MIN Kyungyoon

(57) Abstract:

A membrane separation device is disclosed along with systems and methods employing the device in blood processing procedures. In one embodiment a spinning membrane separator is provided in which at least two zones or regions are created in the gap between the membrane and the shell such that mixing of the fluid between the two regions is inhibited by a radial rib associated with the membrane that decreases the gap between the membrane and the shell to define two fluid regions the ridge isolating the fluid in the two regions to minimize mixing between the two. Automated systems and methods are disclosed for separating a unit of previously collected whole blood into components such as concentrated red cells and plasma for collecting red cells and plasma directly from a donor in a single pass and for cell washing. Data management systems and methods and priming methods are also disclosed.

No. of Pages: 83 No. of Claims: 10

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MEMBRANE SEPARATION DEVICES SYSTEMS AND METHODS EMPLOYING SAME AND DATA MANAGEMENT SYSTEMS AND METHODS

(71)Name of Applicant: (51) International :B01D17/12,A61M37/00,B01D61/00 classification 1)FENWAL INC. (31) Priority Document No Address of Applicant: Three Corporate Drive Lake Zurich IL :61/451903 (32) Priority Date :11/03/2011 60047 U.S.A. (33) Name of priority (72)Name of Inventor: :U.S.A. country 1)BLICKHAN Bryan (86) International 2)MIN Kyungyoon :PCT/US2012/028532 Application No 3)CORK William H. :09/03/2012 Filing Date (87) International :WO 2012/125472 Publication No

(57) Abstract:

(61) Patent of Addition to

Application Number

Filing Date (62) Divisional to

Application Number

Filing Date

:NA

:NA

:NA

:NA

A membrane separation device is disclosed along with systems and methods employing the device in blood processing procedures. In one embodiment a spinning membrane separator is provided in which at least two zones or regions are created in the gap between the membrane and the shell such that mixing of the fluid between the two regions is inhibited by a radial rib associated with the membrane that decreases the gap between the membrane and the shell to define two fluid regions the ridge isolating the fluid in the two regions to minimize mixing between the two. Automated systems and methods are disclosed for separating a unit of previously collected whole blood into components such as concentrated red cells and plasma for collecting red cells and plasma directly from a donor in a single pass and for cell washing. Data management systems and methods and priming methods are also disclosed.

No. of Pages: 86 No. of Claims: 18

(21) Application No.687/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : TEMPERATURE COMPENSATOR FOR ANESTHETIC VAPORIZER, ANESTHETIC VAPORIZER, AND ANESTHESIA MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61M :201210110823.0 :30/03/2012 :China :NA :NA	(71)Name of Applicant: 1)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC Address of Applicant: 3000 NORTH GRANDVIEW BOULEVARD WAUKESHA, WI 53188-1696, U.S.A (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)GU, HONGKUI
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention provides a temperature compensator for an anesthetic vaporizer, an anesthetic vaporizer and an anesthesia machine. The temperature compensator comprises a compensator base for mounting various components of the temperature compensator thereon, a compensator cover for constituting a bypass control valve with the compensator base, and a bimetallic plate for bending in response to temperature changes and thereby changing the opening and closing degree of the bypass control valve. With the present invention, the flow-pressure characteristics can be accurately controlled by adjusting the pressure drop of the temperature compensator under two different flow conditions. Because of the controllable flow-pressure characteristics of the temperature compensator, the output concentrations obtained under different flow conditions can all meet the requirements.

No. of Pages: 18 No. of Claims: 6

(21) Application No.7132/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : WELDING HEAD COMPRISING A MOVABLE ELECTRODE AND RELATED WELDING METHOD

(51) International classification :B23K9/167,B23K9/29 (71)Name of Applicant : (31) Priority Document No :10 2011 008 515.7 1)WEISS Daniel (32) Priority Date Address of Applicant : Am Bildstckle 14 88518 Herbertingen :13/01/2011 (33) Name of priority country :Germany (86) International Application No :PCT/DE2012/000022 (72)Name of Inventor: Filing Date :12/01/2012 1)WEISS Daniel (87) International Publication No :WO 2012/095103 (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 welding head (1) comprising a heat resistant electrode (2) for carrying out TIG welding operations on workpieces in which the electrode (2) is movably mounted and can also be caused to move by a device (20). The electrode (2) preferably carries out either a rotating movement about the axis (A) thereof or an oscillating movement about said axis. During a preferably manual welding operation undesired alloying up is thus excluded during accidental contact between the electrode (2) and the workpiece to be welded. Moreover repeated adhesion of liquefied welding filler material to the electrode (2) can be substantially prevented in the event that a welding filler material is supplied. With welding heads (1) which are cooled by means of a fluid circuit said circuit in cooperation with a turbine can also be used to drive a rotating electrode (2). The movable electrode (2) can be connected to the voltage source thereof either via a sliding contact or via an electrically conducting liquid surrounding the electrode (2). The invention further relates to a method in which the welding head (1) according to the invention is used.

No. of Pages: 29 No. of Claims: 19

(21) Application No.6767/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: METHODS OF MAKING 2 3 3 3 TETRAFLUORO 2 PROPENE

(51) International

:C07C17/25,C07C21/18,C07C17/38

classification

(31) Priority Document No :61/434005 :19/01/2011

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

(86) International Application :PCT/US2012/021158

:13/01/2012 Filing Date

(87) International Publication: WO 2012/099776

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)HONEYWELL INTERNATIONAL INC.

Address of Applicant :Patent Services M/S AB/2B 101

Columbia Road P. O. Box 2245 Morristown New Jersey 07962

2245 U.S.A. 2)KOPKALLI Haluk

(72)Name of Inventor:

1)COTTRELL Stephen A.

2)CHIU Yuon

3)TUNG Hsueh Sung 4) UHRICH Kevin D.

5)SCHEIDLE Peter

Disclosed is a process for the manufacture of 1234yf from 1 1 2 3 tetrachloro propene abbreviated herein as TCP in three integrated steps: (a) the R 1 hydrofluorination of TCP to form 1233xf in the vapor phase; (b) the R 2 hydrofluorination of 1233xf to form 244bb in either the liquid phase or in the liquid phase followed by the vapor phase; and (c) the R 3 dehydrochlorination of the 244bb in either the liquid or the vapor phase to produce 1234yf; wherein the vapor phase hydrofluorination of TCP in step (a) is carried out at a lower pressure than the liquid phase hydrofluorination of 123xf; and wherein the HCl generated during these steps is scrubbed with water to form an acid solution and the organic components are scrubbed with a caustic solution and then dried before further processing.

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

(22) Date of filing of Application :30/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: LAYER STRUCTURE AND USE THEREOF TO FORM A CERAMIC LAYER STRUCTURE BETWEEN AN INTERCONNECT AND A CATHODE OF A HIGH TEMPERATURE FUEL CELL

(51) International classification: H01M8/02, H01M8/12, C23C24/10 (71) Name of Applicant:

:NA

:WO 2012/110516

(31) Priority Document No :11001220.0 (32) Priority Date :15/02/2011

(33) Name of priority country :EPO

(86) International Application

:PCT/EP2012/052518

:14/02/2012

Filing Date (87) International Publication

No

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

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

Filing Date

1)PLANSEE SE

Address of Applicant : Metallwerk Plansee Strae 71 A 6600

Reutte Austria

2)FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG

DER ANGEWANDTEN FORSCHUNG E.V.

(72)Name of Inventor:

1)BRANDNER Marco 2)SCHMID Johannes

3) VENSKUTONIS Andreas 4)TROFIMENKO Nikolai

5)SAUCHUK Viktar 6)KUSNEZOFF Mihails

7)LUCKE Karin

8)MICHAELIS Alexander

(57) Abstract:

THE INVENTION RELATES TO A LAYER STRUCTURE THAT IS FORMED BETWEEN AN INTERCONNECT AND A CATHODE OF A HIGH TEMPERATURE FUEL CELL AND THAT CAN BE USED TO FORM A CERAMIC LAYER STRUCTURE BETWEEN AN INTERCONNECT AND A CATHODE. THE INTERCONNECT IS MADE OF A METAL ALLOY CONTAINING CHROMIUM. THE AIM OF THE INVENTION IS TO PROVIDE A LAYER STRUCTURE BETWEEN AN INTERCONNECT AND A CATHODE OF A HIGH TEMPERATURE FUEL CELL BY MEANS OF WHICH GOOD PROTECTIVE FUNCTION (AGAINST CORROSION AND AGAINST CHROMIUM EVAPORATION) HIGH ELECTRICAL CONDUCTIVITY AND GOOD THERMAL EXPANSION BEHAVIOR MATCHED TO THE MATERIALS OF AN INTERCONNECT AND OF A CATHODE CAN BE ACHIEVED. THE LAYER STRUCTURE IS FORMED IN THE GREEN STATE BY A POWDERY SPINEL AND AT LEAST ONE METAL OXIDE FROM THE GROUP COMPRISING CUO NIO COO AND MNO AS A SINTERING ADDITIVE AND AT LEAST ONE POWDERY PEROVSKITE. CHROMIUM IS NOT CONTAINED IN ANY OF SAID CHEMICAL COMPOUNDS. THE FRACTION OF CONTAINED SPINEL HAVING THE METAL OXIDES AS A SINTERING ADDITIVE IS REDUCED FROM THE SIDE FACING THE INTERCONNECT TO THE SIDE FACING THE CATHODE AND THE FRACTION OF PEROVSKITE IS REDUCED FROM THE SIDE FACING THE CATHODE TO THE SIDE FACING THE INTERCONNECT.

No. of Pages: 54 No. of Claims: 17

(21) Application No.7139/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: PLASTICATING AND 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 	:08/03/2012 :WO 2012/125380 :NA :NA :NA	(71)Name of Applicant: 1)HUSKY INJECTION MOLDING SYSTEMS LTD Address of Applicant: 500 Queen Street South Bolton Ontario L7E 5S5 Canada (72)Name of Inventor: 1)BELZILE Manon Danielle
Filing Date	:NA :NA	

(57) Abstract:

Plasticizing system for plasticizing solidified resin particle plasticizing system comprising: housing assembly providing: (i) melt channel configured to receive solidified resin particle and (ii) opposite facing surfaces spaced apart from each other and defining at least in part convergence channel configured to receive the solidified resin particle. Opposite facing surfaces and the convergence channel form part of melt channel. Plunger assembly is movable at least in part relative to opposite facing surfaces. Plunger assembly configured to move at least in part solidified resin particle relative to opposite facing surfaces along at least in part convergence channel. In response to relative movement between solidified resin particle and opposite facing surfaces solidified resin particle receives in use plasticization inducing effect from opposite facing surfaces. The plasticization inducing effect is configured to plasticize solidified resin particle into flowable melt and injected into a mold assembly (850).

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

(22) Date of filing of Application :01/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: LAMINATE TUBE HAVING ENHANCED RESILIENCY BY A BLOCK COPOLYMER

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:B32B1/02,B32B1/08,B32B15/08 :NA :NA :NA :PCT/US2010/059071 :06/12/2010 :WO 2012/078129 :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)WANG Jun 2)LI Bob
Number	:NA :NA	

(57) Abstract:

A dispenser for storing and dispensing a substance includes: (a) an inner layer including an inner layer polymer; (b) outer layer; (c) a metal foil barrier layer between the inner layer and the outer layer; (d) a compartment for storing the substance; and (e) a resealable opening wherein the outer layer includes an outer layer polymer and a block copolymer effective to provide the outer layer with an impact resistance at least 5% greater than a reference structure. The inner layer polymer is preferably LDPE the outer layer polymer is preferably a blend of LDPE HDPE and block copolymer or alternatively the outer layer is subdivided into layers of LDPE HDPE and block copolymer in this order. The block copolymer is preferably an SBS block copolymer having thermoplastic elastomer properties. The dispenser is particularly well suited for dispensing toothpaste.

No. of Pages: 20 No. of Claims: 19

(21) Application No.6720/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TUBE STRUCTURES FOR HEAT EXCHANGER

:NA

:NA

(51) International classification :F28F1/32,F28F1/40,F28F21/08 (71)Name of Applicant : (31) Priority Document No 1) CARRIER CORPORATION :61/437427 (32) Priority Date :28/01/2011 Address of Applicant: 1 Carrier Place Farmington Connecticut (33) Name of priority country :U.S.A. 06034 U.S.A. (86) International Application No :PCT/US2012/022641 (72)Name of Inventor: 1)TARAS Michael F. Filing Date :26/01/2012 (87) International Publication No :WO 2012/103278 2)MEHENDALE Sunil S. (61) Patent of Addition to 3)WOLDESEMAYAT Mel :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

A fluid carrying tube for a heat exchanger includes an outer perimeter an inner perimeter and a plurality of ridges extending from the inner perimeter inwardly into an interior of the tube. Each ridge includes a ridge height a base width and a tip width. A ratio of the ridge height to the base width is between about 0.2 and about 4.0 and a ratio of the tip width to the base width is between about 0.015 and about 0.965.

No. of Pages: 17 No. of Claims: 25

(21) Application No.6721/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: POLYETHYLENE 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 	:30/01/2012 :WO 2012/101284 :NA :NA :NA	(71)Name of Applicant: 1)BOREALIS AG Address of Applicant: IZD Tower Wagramerstrasse 17 19 A 1220 Vienna Austria (72)Name of Inventor: 1)BURYAK Andrey
Filing Date	:NA :NA	

(57) Abstract:

A multimodal polyethylene copolymer composition and prepared using a Ziegler Natta catalyst and having a density according to ISO 1183 at 23°C of at least 940 kg/m and an MFR2 according to ISO 1133 in the range of 0.05 to 10 g/10 min wherein the composition has a swell ratio of at least 1.7 at an apparent shear rate of 14.4 s and a rheological polydispersity index of at least 3.

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

(21) Application No.6725/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MUC1 BASED GLYCOLIPOPEPTIDE VACCINE WITH ADJUVANT

(51) International (71)Name of Applicant: :A61K9/127,A61K39/00,A61P35/00 classification 1)ONCOTHYREON INC. (31) Priority Document No Address of Applicant: 2601 Fourth Avenue Suite 500 Seattle :61/446332 (32) Priority Date :24/02/2011 WA 98121 U.S.A. (33) Name of priority country: U.S.A. (72)Name of Inventor: 1)PETERSON Scott (86) International :PCT/US2012/026385 Application No 2)MILLARD Jeffrey :23/02/2012 Filing Date 3)KOPPENOL Sandy (87) International Publication :WO 2012/116225 4)PESTANO Linda 5)HAUSMAN Diana F. (61) Patent of Addition to 6)KIRKMAN Robert L. :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

(57) Abstract:

Filing Date

Provided herein are liposomal glycolipopeptidic vaccine formulations comprising an adjuvant and an immunogen for immunotherapy and/or treatment of cancer.

No. of Pages: 126 No. of Claims: 30

:NA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND DEVICE FOR TREATING BLOOD CHOLESTEROL DISORDERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K :13/418,123 :12/03/2012 :U.S.A. :NA :NA	· /
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)GRIFOLS ROURA VICTOR

(57) Abstract:

The present invention refers to a composition and a device comprising whole blood cells for treating cholesterol disorders for use in a method comprising 10 administering at least one treatment regime including two or more rounds of plasmapheresis to a patient having abnormal total cholesterol, abnormal LDL levels and/or abnormal HDL levels prior to treatment. Treatment with said composition and device results in 15 decreased LDL levels in patients having abnormal LDL levels and increased HDL levels in patients having abnormal HDL levels. Each subsequent round of plasmapheresis is conducted weekly, but no more than twice per week.

No. of Pages: 48 No. of Claims: 35

(21) Application No.7143/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND DEVICE FOR SUTURE RETRIEVAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/02/2012 :WO 2012/112424 :NA :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant: 150 Minuteman Road Andover MA 01810 U.S.A. (72)Name of Inventor: 1)TORRIE Paul Alexander
Filing Date	:NA	

(57) Abstract:

The invention relates to a suture manipulation device. The suture manipulation device includes a body (302) and a snare (312). The snare is operatively connected to the body and is adapted to protract from die body and after protracting from the body rotate independent of the body. The snare is further adapted to ensnare a portion of suture (310) passed through tissue while rotating and secure the portion of the suture.

No. of Pages: 50 No. of Claims: 22

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: WIRELESS DEVICE AND WIRELESS NETWORK SYSTEM

(51) International classification :H04W8/00,H04B1/40,H04B1/50 (71) Name of Applicant: (31) Priority Document No :2011099819 1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO. (32) Priority Date :27/04/2011 (33) Name of priority country :Japan Address of Applicant: 3 Kanda Neribei cho Chiyoda ku Tokyo (86) International Application 1010022 Japan :PCT/JP2011/078494 No (72)Name of Inventor: :08/12/2011 Filing Date 1)KIHARA Hajime (87) International Publication 2)YANAGIHARA Norihisa :WO 2012/147232 3)IWAKI Takashi (61) Patent of Addition to 4)FUJIOKA Takayoshi :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided is a wireless device and a wireless network capable of readily communicating wirelessly using different frequency bands and wireless formats to match the state of wireless communication at the installation location of the facility being monitored. A wireless device for performing wireless communication using a wireless module suited to the state of communication, the wireless device being provided with a plurality of wireless modules on a base substrate, wherein the wireless modules are a plurality of wireless moules between which the frequency and/or the wireless format differ. The wireless device is characterized in being provided with: a device controller for selecting a wireless module suited to the state of communication, the device controller be ing detachably mounted on the base substrate and connected to the plurality of wireless modules by signal wires; and a terminal block for external connection and a communication in terface, which are connected to the device controller. The wireless device performs wireless data communication using a wireless module selected by the device controller, the data being acquired from the terminal block or the communication interface.

No. of Pages: 47 No. of Claims: 10

(21) Application No.6752/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONDUCTIVE ELEMENT

(51) International classification :H03K17/955,H03K17/96 (71)Name of Applicant : (31) Priority Document No 1)NOVALIA LTD :1101510.4 (32) Priority Date :28/01/2011 Address of Applicant : The Quorum Barnwell Road Cambridge CB5 8RE U.K. (33) Name of priority country :U.K. (86) International Application No :PCT/GB2012/050171 (72)Name of Inventor: Filing Date :27/01/2012 1)STONE Kate (87) International Publication No :WO 2012/101448 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A conductive element (3) which can serve as capacitive sensing element comprises a conductive pad (9) comprising relatively low conductivity material such as carbon based ink and a conductive mesh (10) comprising relatively high conductivity material such as silver based ink underlying or overlying the pad to form a composite conductive element. A conductive element (5) which can serve as a connector to a capacitive sensing element comprises a set of elongate conductive tracks (13) and a set of conductive members (14) crossing said tracks.

No. of Pages: 30 No. of Claims: 65

(21) Application No.7131/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: WATER DISTRIBUTION PRESSURE CONTROL SYSTEM

(51) International classification: E03B1/00,F04D15/00,G05D16/20 (71) Name of Applicant: (31) Priority Document No :2011060027

(32) Priority Date :18/03/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/001265

No :24/02/2012 Filing Date

(87) International Publication :WO 2012/127783

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

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

1)HITACHI LTD.

Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku

Tokyo 1008280 Japan

(72)Name of Inventor: 1)TAKAHASHI Shinsuke

2)ADACHI Shingo

3)SATO Tatsuhiro 4)KURISU Hiromitsu

5)TADOKORO Hideyuki

6)YASUTOMI Hiroyoshi

(57) Abstract:

A water distribution pressure control system comprises: a pipe line resistance model generation unit which on the basis of a discharge pressure measured by a discharge pressure measuring instrument installed between a water distribution pipe network and a pump an end pressure measured by an end pressure measuring instrument installed between a water pipe of a water distribution destination that receives the supply of water from the water distribution pipe network and the water distribution pipe network and a flow rate measured by a flow rate measuring instrument installed between the water distribution pipe network and the pump generates a pipe line resistance model for the water distribution pipe network in which the influence of a predetermined level of modeling error is reflected; a pressure loss calculation unit which on the basis of the pipe line resistance model and a water distribution flow rate pattern that the water distribution pressure control system has in advance calculates the pressure loss amount of water pressure generated in the water distribution pipe network; a target discharge pressure calculation unit which receives the target value of the end pressure and on the basis of the pressure loss amount and the target value of the end pressure calculates a target discharge pressure; and a number of rotations control unit which controls the number of rotations of the pump such that the target discharge pressure is achieved.

No. of Pages: 28 No. of Claims: 6

(21) Application No.7145/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ARTHROSCOPIC RESECTION DEVICE

(51) International classification	:A61B17/32,A61B17/00	(71)Name of Applicant:
(31) Priority Document No	:61/442961	1)SMITH & NEPHEW INC.
(32) Priority Date	:15/02/2011	Address of Applicant :150 Minuteman Road Andover MA
(33) Name of priority country	:U.S.A.	01810 U.S.A.
(86) International Application No	:PCT/US2012/025190	(72)Name of Inventor:
Filing Date	:15/02/2012	1)MATSUDA Dean
(87) International Publication No	:WO 2012/112649	2)LLIZALITURRI SANCHEZ Victor
(61) Patent of Addition to Application	:NA	3)MITCHELL Mathew Erle
Number	:NA	4)JEZIERSKI Rafal Z.
Filing Date	.11/1	5)JONES Bryan S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to an arthroscopic resection device (10). The device includes an outer member (12) including a hub (12c) an inner member (11) including a hub (11d) the inner member housed within the outer member a tube (13) coupled to the outer member and means (14) for allowing longitudinal movement of the outer member relative to the inner member the means coupled to the tube. The means can include a knob (14) with threads a ratchet (104) or a lever (1004).

No. of Pages: 41 No. of Claims: 22

(21) Application No.7146/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BI STABLE ELECTROMAGNETIC RELAY WITH X DRIVE MOTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H01H51/22 :12/931820 :11/02/2011 :U.S.A. :PCT/US2012/000078	(71)Name of Applicant: 1)CLODI L.L.C. Address of Applicant: 429 E. Cotati Avenue Cotati CA 94931 U.S.A. (72)Name of Inventor:
` /		· · · · · · · · · · · · · · · · · · ·
(86) International Application No		(72)Name of Inventor:
Filing Date	:09/02/2012	1)GRUNER Philipp
(87) International Publication No	:WO 2012/112223	••
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electromagnetic relay assembly comprises a rotatable electromagnetic coil assembly first and second pairs of opposed permanent magnets and a switch assembly. The coil assembly comprises a coil a core and a rotatable coil housing. The coil is wound around the core. The core comprises opposed core termini and the coil housing has an axis of rotation orthogonal to the coil axis. The magnet pairs fixedly positioned adjacent the core termini such that the core termini are respectively displacable intermediate the magnet pairs. The coil operates to create a magnetic field directable through the core for imparting coil housing rotation about the axis of rotation via attraction to the positioned/anchored magnets. The core termini displace linkage arms and the linkage arms actuate contact spring assemblies of the switch assembly intermediate open and closed positions.

No. of Pages: 46 No. of Claims: 25

(21) Application No.7147/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : ORGANIC PHOTOVOLTAIC CELL INCORPORATING ELECTRON CONDUCTING EXCITON BLOCKING LAYERS

(51) International classification :H01L51/00,H01L51/42 (71)Name of Applicant : (31) Priority Document No 1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN :61/444899 (32) Priority Date Address of Applicant: Office Of Technology Transfer 1214 :21/02/2011 (33) Name of priority country South University Avenue 2nd Floor Ann Arbor MI 48104 2592 :U.S.A. (86) International Application No :PCT/US2012/025916 Filing Date (72)Name of Inventor: :21/02/2012 (87) International Publication No :WO 2012/161773 1)FORREST Stephen R. (61) Patent of Addition to Application 2)LASSITER Brian E. :NA Number :NA Filing Date

(57) Abstract:

Filing Date

The present disclosure relates to photosensitive optoelectronic devices comprising a compound blocking layer located between an acceptor material and a cathode the compound blocking layer comprising: at least one electron conducting material and at least one wide gap electron conducting exciton blocking layer. For example 3 4 9 10 perylenetetracarboxylic bisbenzimidazole (PTCBI) and 1 4 5 8 napthalene tetracarboxylic dianhydride (NTCDA) function as electron conducting and exciton blocking layers when interposed between the acceptor layer and cathode. Both materials serve as efficient electron conductors leading to a fill factor as high as 0.70. By using an NTCDA/PTCBI compound blocking layer structure increased power conversion efficiency is achieved compared to an analogous device using a conventional blocking layers shown to conduct electrons via damage induced midgap states.

No. of Pages: 38 No. of Claims: 34

(62) Divisional to Application Number

:NA

:NA

(21) Application No.7148/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR RECOVERING NITRIC ACID FROM PICKLING SOLUTIONS

(51) International :B01D53/56,C23G1/36,C01B21/40 classification

(31) Priority Document No :13/027312 (32) Priority Date :15/02/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/023062

:30/01/2012 Filing Date

(87) International Publication

:WO 2012/112282 No

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)ATI PROPERTIES INC.

Address of Applicant: 1600 N.E. Old Salem Road Albany

Oregon 97321 U.S.A. (72)Name of Inventor: 1)MOORE James A.

(57) Abstract:

An embodiment of a method for recovering nitric acid from acid pickling solution includes introducing a treating material comprising at least one chemical into a pickling solution comprising free nitric acid. The treating material reacts with at least a portion of the free nitric acid in the pickling solution and produces NOx. A gas stream comprising at least a portion of the NOx is contacted with ozone thereby forming oxidation products including nitrogen sesquioxide and nitrogen pentoxide. At least a portion of the nitrogen sesquioxide and nitrogen pentoxide is contacted with water thereby forming nitric acid and at least a portion of the nitric acid is collected.

No. of Pages: 42 No. of Claims: 54

(43) Publication Date: 23/01/2015

(21) Application No.6777/DELNP/2013 A

(22) Date of filing of Application :30/07/2013

(54) Title of the invention: ELECTROLYSIS METHOD AND 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 	:C25C7/00 :1102023.7 :04/02/2011 :U.K. :PCT/GB2012/050219 :02/02/2012 :WO 2012/104640 :NA :NA :NA	(71)Name of Applicant: 1)METALYSIS LIMITED Address of Applicant: Unit 2 Farfield Park Manvers Way Wath Upon Dearne Rotherham S63 5DB U.K. (72)Name of Inventor: 1)WRIGHT Allen Richard
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(57) Abstract:

(19) INDIA

The method apparatus and product relate to the electrochemical reduction of a solid feedstock (20) to produce a product. A container (2) is filled with a fused salt (6) and one or more anodes (14) contact the fused salt. A cathode (18) is loaded with feedstock and engages with a transport apparatus (22 36 40) which locates and moves the cathode past the anodes(s) while the cathode and the feedstock contact the fused salt. As the cathode moves past the anode(s) a voltage applied between the cathode and the anode(s) electrochemically reduces the solid feedstock to form the product.

No. of Pages: 40 No. of Claims: 53

(21) Application No.6778/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: 4 HYDROXYBUTYRIC ACID DEUTERATED ANALOGS

(51) International classification :C07B59/00,C07C59/01,A61K31/19

(31) Priority Document No :61/442451 (32) Priority Date :14/02/2011 (33) Name of priority country:U.S.A.

(86) International Application: PCT/US2012/024974

No :14/02/2012 Filing Date

(87) International Publication :WO 2012/112492

No (61) Patent of Addition to NA

Application Number
Filing Date

:NA
:NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)CONCERT PHARMACEUTICALS INC.

Address of Applicant :99 Hayden Avenue Lexington MA

02421 U.S.A.

(72)Name of Inventor: 1)TUNG Roger D.

2)MORGAN Adam

3)SILVERMAN I. Robert

(57) Abstract:

This invention relates to novel derivatives of 4 hydroxybutyric acid and prodrugs thereof and pharmaceutically acceptable salts of the foregoing. This invention also provides pharmaceutical compositions comprising a compound of this invention and the use of such compositions in methods of treating narcolepsy fibromyalgia other disorders or conditions that are beneficially treated by improving nocturnal sleep or by administering sodium oxybate.

No. of Pages: 62 No. of Claims: 29

(21) Application No.6779/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: OXYGEN ABSORBING FILM OXYGEN ABSORBING LAMINATE OXYGEN ABSORBING PACKAGING MATERIAL COMPRISING OXYGEN ABSORBING LAMINATE AND OXYGEN ABSORBING RESIN COMPOSITION

(51) International :B32B27/18,B65D65/40,B65D81/26

classification

(31) Priority Document No :2011020262

(32) Priority Date

:01/02/2011

(33) Name of priority country: Japan (86) International Application: PCT/JP2011/071742

:23/09/2011 Filing Date

(87) International Publication :WO 2012/105082

:NA

:NA

:NA

:NA

(61) Patent of Addition to

Application Number

Filing Date

(62) Divisional to **Application Number**

Filing Date

(71)Name of Applicant: 1)Kyodo Printing Co. Ltd.

Address of Applicant: 14 12 Koishikawa 4 chome Bunkyo ku

Tokyo 1128501 Japan (72)Name of Inventor: 1)SAKAMOTO Natsuki

2)OGAWA Tatsuya

An oxygen absorbing film (1) is composed of an oxygen absorbing layer (2) and thermoplastic resin layers (3) provided on both surface of the oxygen absorbing layer (2) wherein the oxygen absorbing layer (2) comprises both a thermoplastic resin and an oxygen deficient cerium oxide and the content of the oxygen deficient cerium oxide exceeds 50wt% and is less than 85wt%. The oxygen absorbing layer is formed preferably from a resin composition which contains an oxygen deficient cerium oxide in an amount exceeding 50wt% and which exhibits a melt flow rate of 1.0 to 18.0g/10min.

No. of Pages: 20 No. of Claims: 5

⁽⁵⁷⁾ Abstract:

(21) Application No.6894/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: COMBINED PISTON RING

(51) International classification	:F16J9/26,F02F5/00,F16J9/06	(71)Name of Applicant:
(31) Priority Document No	:2011021674	1)KABUSHIKI KAISHA RIKEN
(32) Priority Date	:03/02/2011	Address of Applicant :13 5 Kudankita 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1028202 Japan
(86) International Application No	:PCT/JP2012/052098	(72)Name of Inventor:
Filing Date	:31/01/2012	1)OKAZAKI Fumihiro
(87) International Publication No	:WO 2012/105538	2)SHIBANO Tomoya
(61) Patent of Addition to	:NA	3)SUGIHARA Hiroyuki
Application Number	:NA	4)KOBAYASHI Hiroyuki
Filing Date	.NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.INA	

(57) Abstract:

A combined piston ring comprising a special gap effective for Q reducing blowby to have excellent gas scalability, comprising a piston ring body of a high-strength, heat-resistant resin comprising a step-shaped gap exposed on 5 upper and lower side surfaces and an outer peripheral surface, and a spring disposed on the inner peripheral side of the piston ring body for pushing the piston ring body radially outward, at least a side surface of the piston ring body on the combustion chamber side having a heat-resistant coating, whereby the side surface of the piston ring on the combustion chamber side is not subject to 10 local deformation and melting by a burned gas from the combustion chamber.

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

(21) Application No.7149/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: IMAGING APPARATUS, IMAGE SENSOR, IMAGING CONTROL METHOD, AND PROGRAM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:2011033085 :18/02/2011	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato Ku Tokyo 1080075
(86) International Application NoFiling Date(87) International Publication No	:Japan :PCT/JP2012/051600 :26/01/2012 :WO 2012/111401	Japan (72)Name of Inventor: 1)MITSUNAGA Tomoo
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

There are provided an imaging apparatus and method which perform different exposure control in pixel group units. Brightness in the pixel group units obtained by 5 dividing a plurality of pixels of an imaging area of the image sensor is evaluated, and pixel group unit exposure control values are calculated according to an evaluation result. The image sensor outputs a control signal matching the calculated pixel group unit exposure control 10 value to each pixel group constituent pixel, and controls exposure in the pixel group units. For example, the exposure control signal including an identical pattern is sequentially output to a plurality of pixels in a pixel group in a time sequence, and exposure control which sets 15 an identical exposure time for a plurality of pixels belonging to one pixel group is realized.

No. of Pages: 94 No. of Claims: 16

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: HYBRID CONSTRUCTION MACHINERY AND AUXILIARY CONTROL DEVICE USED THEREIN

(51) International classification	:E02F9/20,F15B20/00,F15B21/14	(71)Name of Applicant:
(31) Priority Document No	:2011063078	1)HITACHI CONSTRUCTION MACHINERY CO. LTD.
(32) Priority Date	:22/03/2011	Address of Applicant :5 1 Koraku 2 chome Bunkyo ku Tokyo
(33) Name of priority country	:Japan	1128563 Japan
(86) International Application	:PCT/JP2012/056484	(72)Name of Inventor:
No	:13/03/2012	1)EDAMURA Manabu
Filing Date	.13/03/2012	2)ISHIKAWA Kouji
(87) International Publication	:WO 2012/128132	3)SUGIURA Manabu
No	. W O 2012/120132	4)HIROKI Takenori
(61) Patent of Addition to	:NA	5)WATANABE Toshihiko
Application Number	:NA	6)SATAKE Hidetoshi
Filing Date	INA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 1/1	

(57) Abstract:

Hybrid construction machinery is provided with: a control device (80) that switches between hydraulic/electric complex rotation mode which drives the rotating body (20) with the total of the torque of the hydraulic motor (27) and an electric motor (25) when the operating lever device (72) for rotation is manipulated and a hydraulic only rotation mode in which the rotating body (20) is driven solely by the torque of the hydraulic motor when the operating lever device (72) is manipulated for rotation; and an auxiliary control device (88) having a monitoring controller that is connected to the control device (80) and electric motor (25) and that monitors the leakages and temperature of the electric motor (25) as a substitute controller for a removed power control unit (55) or accumulator device (24) in the event of the failure of the power control unit (55) or the accumulator device (24).

No. of Pages: 65 No. of Claims: 6

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TELEMATICS SMART PINGING SYSTEMS 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 Filing Date 	:G06Q40/00 :13/012400 :24/01/2011 :U.S.A. :PCT/US2012/022413 :24/01/2012 :WO 2012/103127 :NA :NA	(71)Name of Applicant: 1)LEXISNEXIS RISK SOLUTIONS INC. Address of Applicant: 1000 Alderman Drive Alpharetta GA 30005 4101 U.S.A. (72)Name of Inventor: 1)HASSIB Ash 2)KAMINSKI Charles
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(57) Abstract:

Monitoring systems and methods are configured to determine a pattern of vehicle usage or to verify personal data about a vehicle insurance applicant without unreasonable expense to an insurance provider or the applicant. A monitoring system can track movements of a handheld mobile communication device and can include a personal data unit a communication unit and an analysis unit. The personal data unit can receive personal data about the insurance applicant including an identifier of a mobile communication device used by the insurance applicant. The communication unit can receive location data describing various locations of the mobile communication device.

No. of Pages: 21 No. of Claims: 26

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD FOR PRODUCING A MULTI COAT COLOUR AND/OR EFFECT PAINT SYSTEM

(51) International :C08G18/28,C08G18/48,C08G18/73 classification

(31) Priority Document No :11155789.8 (32) Priority Date :24/02/2011

(33) Name of priority country: EPO

(86) International :PCT/EP2012/053177

Application No :24/02/2012 Filing Date

(87) International Publication :WO 2012/113915

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

Filing Date

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

(71)Name of Applicant: 1)BASF COATINGS GMBH

Address of Applicant: Glasuritstrae 1 48165 M¹/₄nster

Germany

(72)Name of Inventor: 1)STEINMETZ Bernhard 2)JANKOWSKI Peggy

(57) Abstract:

The present invention relates to a new method for producing a multicoat color and/or effect paint system by 5 (1) applying to a substrate a pigmented aqueous basecoat material comprising at least one polyurethane resin (A) as binder and at least one color and/or effect pigment, (2) forming a polymer film from the basecoat material applied in stage (1), 10 (3) applying a clearcoat material to the resultant basecoat film, and then (4) curing the basecoat film together with the clearcoat material applied in stage (3). The method of the invention is characterized in that the pigmented aqueous basecoat 15 material applied in stage (1) comprises 0.05% to 10% by weight, based on the total amount of the pigmented aqueous basecoat material, of an associative thickener (B) different from the polyurethane resin (A), the associative thickener (B) being composed of at least one compound of the following formula (I); R - ° 0 ° - R, (I) with n = 0 to 50, 20 where Ri = 0 1. 1 1 H L Jo O J m with m = 0 to 10, o = 0 to 100 where R2 = H or R3, where R3 = O II H L JP 25 O with p = 0 to 50, 1 - 29 BASF Coatings GmbH «F 72008 PCT where R in each case independently of any other is a linear or branched hydrocarbon radical or a cyclic hydrocarbon radical having optionally linear and/or branched groups and containing 8 to 24 carbon atoms, with the proviso that for not more than 50% by weight of the compounds of the 5 formula (I), m = 0 and R2 = H. The present invention further provides a pigmented aqueous basecoat material comprising at least one polyurethane resin (A) as binder, at least one color and/or effect pigment, and also 0.05 to 10% by weight, based on the total amount of the 10 pigmented aqueous basecoat material, of at least one associative thickener (B). Likewise provided with the present invention is a multicoat color and/or effect paint system produced in accordance with the method of the invention.

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

(21) Application No.6796/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NOVEL HETEROCYCLIC DERIVATIVES

(51) International classification :C07D487/04,A61K31/519,A61P35/00

(31) Priority Document No :61/437956 (32) Priority Date :31/01/2011 (33) Name of priority :U.S.A.

(86) International Application No :PCT/IB2012/050428

Filing Date :30/01/2012

(87) International Publication No :WO 2012/104776

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

(71)Name of Applicant : 1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor: 1)RADETICH Branko

2)YU Bing 3)ZHU Yanyi

(57) Abstract:

The invention relates to novel heterocyclic compounds of the formula (I) in which all of the variables are as defined in the specification to their preparation to their medical use in particular to their use in the treatment of cancer and neurodegenrative disorders and to medicaments comprising them.

No. of Pages: 88 No. of Claims: 15

(21) Application No.6797/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DRINKABLE WATER SERVER

(51) International classification	:B67D3/00,B67D1/07	(71)Name of Applicant:
(31) Priority Document No	:2011042993	1)UCHIMURA CO. LTD.
(32) Priority Date	:28/02/2011	Address of Applicant :1 4 3 Maeda Yahatahigashi ku
(33) Name of priority country	:Japan	Kitakyushu shi Fukuoka 8050069 Japan
(86) International Application No	:PCT/JP2012/054737	(72)Name of Inventor:
Filing Date	:27/02/2012	1)SASAKI Satoshi
(87) International Publication No	:WO 2012/118003	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a drinkable water server capable of reducing propagation of bacteria using an uncomplicated structure. This drinkable water server (1) is provided with: a raw water retention part (2) comprising a raw water tank (20) for retaining raw water containing chlorine and a lid body (21) for closing the upper opening of the raw water tank to define an inner space of the raw water tank (20); a purified water part (3) comprising a water purification cartridge (31) which filters the raw water flowing thereinto and discharges purified water and a purified water tank (30) provided with a purified water flowing passage (30a) to retain or flow the purified water in response to the closing/opening of the passage; a drinkable water retention part (4) comprising a drinkable water tank (40) provided with drinkable water flowing passages (40c 40d) to retain or flow the purified water in response to the closing/opening of the passages and a float valve (41) which floats on the purified water to close or open the purified water flowing passage (30a) in accordance with the amount of the purified water the inner space of the drinkable water tank (40) being tightly sealed; and an air tube part (5) which is communicated from the inner space of the raw water tank (20) to the inner space of the drinkable water tank (40).

No. of Pages: 23 No. of Claims: 5

(21) Application No.6798/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: COMBINE

(51) International classification	:A01D69/10,A01D69/03	(71)Name of Applicant:
(31) Priority Document No	:2011010143	1)YANMAR CO.LTD.
(32) Priority Date	:20/01/2011	Address of Applicant :1 9TsurunochoKita kuOsaka shi Osaka
(33) Name of priority country	:Japan	5308311 Japan
(86) International Application No	:PCT/JP2012/050566	(72)Name of Inventor:
Filing Date	:13/01/2012	1)KUSACHI Kanta
(87) International Publication No	:WO 2012/099006	2)KATOU Eiichi
(61) Patent of Addition to Application	:NA	3)FUKUI Hajime
Number	:NA	4)YAMAMOTO Keisuke
Filing Date	.IVA	5)MIZUHATA Tatsuya
(62) Divisional to Application Number	:NA	6)IMADA Kouichi
Filing Date	:NA	

(57) Abstract:

The present invention of this application addressed the technical problem of providing a combine configured in such a manner that although the traveling machine body (1) is adapted so that the traveling machine body (1) can be stopped without a change in the direction of movement (path of travel) of the traveling machine body (1) the braking operation structures of the left and right traveling sections (2) are configured to be low cost. The present combine of this application is provided with: a harvesting device (3); a threshing device (9) having a handling drum (21); and a traveling machine body (1) having left and right traveling sections (2). Stalks of grain are supplied from the harvesting device (3) to the threshing device (9). The combine is also provided with left and right reduction gear cases (63) for independently driving the left and right travel sections (2). Left and right brakes (297) are respectively disposed at the left and right reduction gear cases (63). The left and right brakes (297) are connected to the single brake operation device (38) of a driving and operation section (5).

No. of Pages: 73 No. of Claims: 12

(21) Application No.7166/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : PUMP UNIT FOR SUPPLYING FUEL PREFERABLY DIESEL OIL FROM A CONTAINING TANK TO 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	:F02M69/54,F02M63/02,F02M37/00 :MI2011A000582 :08/04/2011 :Italy :PCT/EP2012/053774 :06/03/2012 :WO 2012/136429 :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)LAMM Marco 2)GISSI Ruggiero 3)TAVANI Manuel 4)MEDORO Nello
Application Number Filing Date	:NA :NA	

(57) Abstract:

A pump unit for supplying a fuel preferably diesel oil to an internal combustion engine (3) is provided with a pre feed pump (7) adapted to draw the fuel from a containing tank (2) and with a fluid circuit (14) having a first branch (15) for interconnecting the pre feed pump (7) and a high pressure pump (6) a second branch (17) for interconnecting the high pressure pump (6) and the internal combustion engine (3) and a third branch (21) which interconnects the first branch (15) and the containing tank (2) and is formed at least partially by an overflow valve (26) and by a connector (37) mounted coaxially with each other in a mounting aperture (27) formed through a pump housing (8) of the high pressure pump (6).

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

(22) Date of filing of Application: 22/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: WIRELESS RESOURCE ALLOCATION METHOD WIRELESS RESOURCE ALLOCATION DEVICE AND COMMUNICATION SYSTEM

(51) International :H04W28/06,H04J3/16,H04W16/02 classification

(31) Priority Document No :2011119884 (32) Priority Date :30/05/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/060266

No :16/04/2012

Filing Date

(87) International Publication :WO 2012/165069

(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)SONY CORPORATION

(21) Application No.10047/DELNP/2013 A

Address of Applicant: 17 1 Konan Minato Ku Tokyo 1080075

(72)Name of Inventor: 1)TAKANO Hiroaki

(57) Abstract:

(19) INDIA

The present invention avoids the interference between cells in a TDD cellular system. When the order of a plurality of configurations is rearranged in the order in which the number of downlink subframes increases and in the order in which the number of uplink subframes decreases and when a different configuration is used by adjacent cells the configurations are switched between adjacent cells in accordance with the rearranged order. Moreover at least the order of a portion of the configurations is rearranged while retaining the order in which the number of downlink subframes increases and such that the interference between adjacent configurations is reduced.

No. of Pages: 76 No. of Claims: 12

(21) Application No.6159/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: MULTI LAYER COATING FILMS

(51) International classification :B05D7/00,B05D7/14,C09D5/44 (71)Name of Applicant :

(31) Priority Document No :11155271.7 (32) Priority Date :21/02/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/052916

Filing Date :21/02/2012 (87) International Publication No: WO 2012/113781

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

:NA Number :NA Filing Date

1)CYTEC AUSTRIA GMBH

Address of Applicant :Bundesstrae 175 A 8402 Werndorf

Austria

(72)Name of Inventor: 1)SCHIPFER Rudolf 2)FEOLA Roland

3)KUTTLER Ulrike

(57) Abstract:

The invention relates to a process for the preparation of a multi layer coating film on an electrically conductive substrate comprising the steps of electrodepositing on an electrically conductive substrate a first coating composition to form an uncured electrodeposition coating film applying an aqueous primer surfacer coating composition to form an uncured intermediate coating film and then simultaneously heating the substrate coated with the said coating films and curing both the uncured electrodeposition coating film and the uncured intermediate coating film to form a cured film wherein the curing agent B is a capped isocyanate where the capping agents are selected from the group consisting of aliphatic linear or branched diols hydroxyalkyl(meth)acrylates and >NH functional heterocyclic aliphatic or aromatic compounds to coating films made by this process and to substrates covered with such coating films.

No. of Pages: 46 No. of Claims: 16

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD OF FORMING FERRITE THIN FILM AND FERRITE THIN FILM OBTAINED USING THE SAME

(51) International classification	:C21D	(71)Name of Applicant:
	:2012-	1)MITSUBISHI MATERIALS CORPORATION
(31) Priority Document No	076987	Address of Applicant :3-2, OTEMACHI 1-CHOME,
(32) Priority Date (33) Name of priority country		CHIYODA-KU, TOKYO 1008117, JAPAN (72)Name of Inventor:
(86) International Application No	:Japan :NA	1)DOI, TOSHIHIRO
Filing Date	:NA	2)SAKURAI, HIDEAKI
(87) International Publication No	: NA	3)NAKAMURA, KENZO
(61) Patent of Addition to Application Number	:NA :NA	4)IGARASHI, KAZUNORI
Filing Date (62) Divisional to Application Number	:NA :NA	5)SOYAMA, NOBUYUKI
Filing Date	:NA	

(57) Abstract:

To provide a method of forming a ferrite thin film in which it is possible to manufacture a thick film having a film thickness of 1 pm or more using a sol-gel method without causing cracking. [Means for Resolution] A method of forming a ferrite thin film by carrying out a process for forming a coated film by coating a ferrite thin film-forming composition on a heatresistant substrate and a process for calcining the coated 0 film once or a plurality of times so that the thickness of the calcined film on the substrate becomes a desired thickness, and firing the calcined film formed on the substrate, in which the conditions for firing the calcined film formed on the substrate are under the atmosphere or an oxygen gas or inert gas atmosphere, a temperature-rise rate of 1°c/minute to 50°C/minute, a holding temperature of 500°C to 800°C, and a holding time of 30 minutes to 120 minutes.

No. of Pages: 33 No. of Claims: 4

(21) Application No.7177/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: INFLATABLE MEDICAL DEVICES

(51) International classification	:A61M29/00	(71)Name of Applicant:
(31) Priority Document No	:61/433896	1)LOMA VISTA MEDICAL INC.
(32) Priority Date	:18/01/2011	Address of Applicant :863A Mitten Road Suite 100A
(33) Name of priority country	:U.S.A.	Burlingame CA 94010 U.S.A.
(86) International Application No	:PCT/US2012/021753	(72)Name of Inventor :
Filing Date	:18/01/2012	1)TILSON Alexander Q.
(87) International Publication No	:WO 2012/099979	2)DREYER Paul J.
(61) Patent of Addition to Application	:NA	3)BARHAM Mitchell C.
Number	:NA	4)SCHEEFF Mark C.
Filing Date	.INA	5)LOVE Charles S.
(62) Divisional to Application Number	:NA	6)GOMES Garrett J.
Filing Date	:NA	7)KURNIAWAN Jonathan

(57) Abstract:

An inflatable structure for use in biological lumens and methods of making and using the same are disclosed. The structure can have an inflatable balloon encircled by a shell. The shell can have proximal and distal tapered necks longitudinally oriented flutes and apertures at the proximal and distal ends of the shell. The apertures can be recessed in the flutes in the necks. The shell can also have fiber reinforced walls.

No. of Pages: 81 No. of Claims: 31

(22) Date of filing of Application :05/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BOTTLE MOUNTING SYSTEM INCLUDING SEPARABLE BOTTLE AND CLAMP

(51) International (71)Name of Applicant: :F16M11/06,F16M11/04,F16M13/02 classification 1)GOJO INDUSTRIES INC. (31) Priority Document No Address of Applicant :One Goio Plaza Suite 500 P.O. Box 991 :13/007018 (32) Priority Date :14/01/2011 Akron Ohio 44309 U.S.A. (33) Name of priority (72)Name of Inventor: :U.S.A. 1)ZLATIC Doug country (86) International 2)ROSENKRANZ Mark :PCT/US2012/021235 Application No 3)CASTEEL Steve :13/01/2012 Filing Date (87) International :WO 2012/097246 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

A bottle mounting system (10) includes a bottle holder (12) and a clamp (14) The clamp can mount to a variety of support members to provide a clamp mount extending either from a vertical surface of the clamp or a horizontal surface of the clamp. The bottle holder has both a rear mount (50) and a bottom mount (52) each of which can be selectively mounted to the clamp mount depending upon the orientation of the clamp mount. Each of the rear mount and bottom mount of the bottle holder can be mated to the clamp mount in multiple orientations such that there are a large number of different configurations in which the bottle mounting system can be implemented.

No. of Pages: 31 No. of Claims: 20

(21) Application No.694/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DRIVING DEVICE AND CORRESPONDING MILL

(51) International classification (31) Priority Document No	:B02C :12 52246	(71)Name of Applicant : 1)COMPAGNIE ENGRENAGES ET REDUCTEURS-
(32) Priority Date	:13/03/2012	MESSIAN-DURAND
(33) Name of priority country	:France	Address of Applicant :539 AVENUE DU CATEAU 59400
(86) International Application No	:NA	CAMBRAI, FRANCE
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)LESSARD, FABRICE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The driving device (6) according to the invention for a mill comprises a gear ring (10), suitable for being fastened to a grinding chamber (4), a first reduction transmission (14) suitable for transmitting a rotation from a first motor (12) to the gear ring, the reduction transmission comprising a case (16), an output module (18) including an output pinion (20) and an output shaft (22) defining an output axis (Y-Y). The gear ring (10) has helical teeth, the or each output pinion (20) has helical teeth, the or each output module (18) can be inserted in a single piece into the associated case in an insertion direction Q) or removed in a single piece from that associated case in a removal direction (R). The driving device comprises disconnectable connecting means (24) suitable for rotatably connecting the output shaft to a transmission element (26) and allowing, in the disconnected state, a rotation of the output pinion (20) around the output, axis upon removal of the output module (18) outside the case or during insertion of the output module (18) into the case (16).

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

(21) Application No.6940/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND GLYPHOSATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01P13/00 :61/439478 :04/02/2011 :U.S.A. :PCT/US2012/023707 :03/02/2012 :WO 2012/106566 :NA :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant: 9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor: 1)MANN Richard K. 2)MCVEIGH NELSON,,ndrea Christine
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(57) Abstract:

A synergistic mixture of penoxsulam and glyphosate controls weeds in crops especially vines range and pasture industrial vegetation management rights of way and in any glyphosate tolerant crop.

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

(21) Application No.7181/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DETERMINING DELAY TIMES FOR ULTRASONIC FLOW METERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/025223 :11/02/2011 :U.S.A.	(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)STRAUB Henry C.
Filing Date	*- *-	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for calibrating an ultrasonic flow meter. In one embodiment a method includes disposing a fluid circulating device within a flow meter. Fluid is circulated in the flow meter by operation of the fluid circulating device. An acoustic signal transit time within the flow meter is measured during the circulating. Based on the measuring a portion of the acoustic signal transit time caused by latency induced by components of the flow meter is determined.

No. of Pages: 27 No. of Claims: 23

(21) Application No.7182/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SLIDING BEARING COMPOSITE MATERIAL

(51) International classification :C22C1/02,C22C1/04,C22C21/00 (71) Name of Applicant:

(31) Priority Document No :10 2011 003 797.7 (32) Priority Date :08/02/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/051124 :25/01/2012

Filing Date

(87) International Publication :WO 2012/107288

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

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

1)FEDERAL MOGUL WIESBADEN GMBH

Address of Applicant : Stielstrae 11 65201 Wiesbaden

Germany

(72)Name of Inventor: 1)ANDLER Gerd

2)LINDNER Karl Heinz

(57) Abstract:

The invention relates to a sliding bearing composite material with a substrate layer made of steel, an intermediate layer which lies on the substrate layer, and a bearing metal layer which lies on the intermediate layer and which is made of an aluminum alloy that is free of lead apart from impurities. The aluminum alloy contains 10.5 - 14 wt.% tin, 2 - 3.5 wt.% silicon, 0.4 - 0.6 wt.% copper, 0.15 - 0.25 wt.% chromium, 0.01 - 0.08 wt.% strontium, and 0.05-0.25 wt.% titanium. The silicon is present in the form of particles in the bearing metal layer in a distributed manner such that the percentage of the area of visible silicon particles with a diameter of 4 um to 8 um in an area of the metal bearing layer is at least 2.5%, preferably at least 2.75%, with respect to said area.

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

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PERMANENT MAGNET TYPE CYLINDRICAL MOLTEN METAL STIRRING DEVICE AND MELTING FURNACE WITH PERMANENT MAGNET TYPE SUCTION PUMP

(51) International classification:F27D27/00,B22D45/00,F27D3/14 (71)Name of Applicant: (31) Priority Document No :2012176275

(32) Priority Date :08/08/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/078636

:05/11/2012 Filing Date

(87) International Publication :WO 2014/024330 No

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

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

1)TAKAHASHI Kenzo

Address of Applicant: 149 Rokkodai 9 chome Matsudo shi

Chiba 2702203 Japan (72)Name of Inventor: 1)TAKAHASHI Kenzo

(57) Abstract:

Provided is an energy saving stirring device which enables the reduction of the amount of heat produced easy maintenance ease of use flexibility of an installation position and even adjustment of stirring capability. The present invention is provided with a furnace body having a molten metal chamber for housing molten metal and a stirring unit for stirring the molten metal in the furnace body. The stirring unit is configured to be provided with: a molten metal drive compartment component which is disposed in the molten metal chamber and forms a drive compartment used for applying driving force to the molten metal and having open both ends; a pair of electrodes disposed in the drive compartment in order to pass an electric current through the drive compartment in the presence of the molten metal; and a magnetic field unit configured from a permanent magnet disposed outside the furnace body wherein either one of the N pole or the S pole faces the furnace body a line of magnetic force from the one pole intersects the electric current to thereby generate electromagnetic force for driving the molten metal from one end to the other end within the drive compartment.

No. of Pages: 32 No. of Claims: 13

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ANODE FOR A CELL OF A LITHIUM-ION BATTERY, ITS MANUFACTURING PROCESS AND THE BATTERY INCORPORATING IT

(51) International classification(31) Priority Document No(32) Priority Date	:H01M :12 52252 :13/03/2012	(71)Name of Applicant: 1)HUTCHINSON Address of Applicant: 2, RUE BALZAC, 75008 PARIS,
(33) Name of priority country	:France	FRANCE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VOILLEQUIN BAPTISTE
(87) International Publication No	: NA	2)AYME-PERROT DAVID
(61) Patent of Addition to Application Number	:NA	3)DUFOUR BRUNO
Filing Date	:NA	4)SONNTAG PHILIPPE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an anode usable in a cell of a lithium-ion battery comprising an electrolyte based on a lithium salt and a non-aqueous solvent, to a process for manufacturing this anode and to a lithiumion battery having one or more cells incorporating this anode. This anode is based on a polymer composition, obtained by melt processing and without solvent evaporation, that is the product of a hot compounding reaction between an active material and additives comprising a polymer binder and an electrically conductive filler. According to the invention, the binder is based on at least one crosslinked elastomer and the additives furthermore comprise at least one non-volatile organic compound usable in the electrolyte solvent, the composition advantageously comprising said active material in a mass fraction greater than or equal to 85%.

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

(21) Application No.7189/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : POLY(OCTYL CYANOACRYLATE) POLYISOBUTYLENE POLYMER CONETWORK METHOD FOR THE PRODUCTION THEREOF AND USES THEREOF

(51) International classification :C08F10/10,C08F22/32,A61F2/00 (31) Priority Document No :61/441813 (32) Priority Date :11/02/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/024060 (87) International Publication No :WO 2012/109179 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date Filing Date (62) Divisional to Application Number Filing Date Filing Date	(71)Name of Applicant: 1)THE UNIVERSITY OF AKRON Address of Applicant: 302 Buchtel Common Akron Ohio 44325 2103 U.S.A. (72)Name of Inventor: 1)GASSER Ryan 2)TAN Juay Seng 3)KENNEDY Joseph 4)ERDODI Gabor
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(57) Abstract:

A POLYMER CONETWORK FORMED FROM THE POLYMERIZATION REACTION OF OCTYL CYANOACRYLATE AND A TRI TELECHELIC STAR POLYMER COMPRISING POIYISOBUTYIENE TERMINATED WITH CYANOACRYLATE GROUPS (*(PIB CA)) WHEREIN THE RATIO OF OCTYL CYANOACRYLATE TO *(PIB CA) IS FROM ABOUT 10: 1 TO ABOUT 40: 1.

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

(21) Application No.7190/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: FLIGHT DATA DISPLAY

(51) International classification :G01C23/00,B64D43/00,G08G5/00

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

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

(86) International Application :PCT/SE2011/050175

No Filing Date :17/02/2011

(87) International Publication :WO 2012/112090

No

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

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)SAAB AB

Address of Applicant :S 581 88 Linkping Sweden

(72)Name of Inspired is 5 1)DANIELSSON Torkel 2)H...KEG...RD Jan 3)GRIPSBORN Anders 4)LARSSON Jrgen

5)PETTERSSON Anders

(57) Abstract:

The invention pertains to a display method a computer program for performing steps of the display method and a display system. The display system (1) comprising: display means (2) comprising: a physical display unit (13) operable to display flight data a display processing device (11) a graphics driver and a graphics processing device fault detection means arranged to detect at least one fault condition associated to the display means (2). The display processing device is arranged to process a first task set associated to a normal operation mode and in parallel process a second task set associated to an emergency operation mode wherein said display processing device is arranged to transmit information provided from the second task set to the graphics processing device in response to the detected at least one fault condition.

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

(21) Application No.692/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MULTI-STAGE PLANETARY DRIVE

(51) International classification	:F16H	(71)Name of Applicant:
(31) Priority Document No	:12 160	1)IMS GEAR GMBH
(31) I Hority Document No	880.6	Address of Applicant :HEINRICH-HERTZ-STRASSE 16,
(32) Priority Date	:22/03/2012	78166, DONAUESCHINGEN, GERMANY
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)HAGEDORN HEINZ GERT
Filing Date	:NA	
(87) 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 multi-stage planetary drive with at least two annulus gears with internal gears, connected to a housing in a torque-proof fashion, and with at least two sun gears, each of which combing planet wheels arranged on a pinion cage and an annulus gear; according to the invention it is provided that for the formation of a gear speed with at least one annulus gear, the housing is embodied in one piece as a cylindrical transmission housing (10) with internal gears (11), for the formation of at least one additional gear speed a plastic annulus gear (20) with internal gears (21) is accepted by the transmission housing (10), and for the torque-proof connection of the plastic annulus gear (20) to the transmission housing (10) torque-proofing means (22,23 a, 23 b) are provided.

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

(21) Application No.7170/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DEGRADATION OF PENICILLIN 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 	:EPO :PCT/EP2012/053483 :01/03/2012 :WO 2012/117038 :NA	(71)Name of Applicant: 1)DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V. Address of Applicant: Alexander Fleminglaan 1 NL 2613 AX Delft Netherlands (72)Name of Inventor: 1)DEKKERS Rocus Marinus
(61) Patent of Addition to Application	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the degradation of lactam compounds such as penicillins in the presence of other lactam compounds such as cephalosporins. Furthermore the present invention relates to the use of sulfite in the degradation of penicillins for example in industrial waste streams.

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

(21) Application No.7171/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: GEODESIC RADOME

(51) International classification :B29C70/04,B29C70/34,H01Q1/42

(31) Priority Document No :11156973.7 (32) Priority Date :04/03/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/053734

No Filing Date :05/03/2012

(87) International Publication :WO 2012/119981

No

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

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

(71)Name of Applicant: 1)DSM IP ASSETS B. V.

Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72)Name of Inventor:

1)OOSTERBOSCH van Eelco

2)NICKEL Reimo 3)THOMPSON Chae 4)CUNNINGHAM David

(57) Abstract:

The invention relates to a geodesic radome comprising shaped panels containing a consolidated plurality of plies the plies comprising polyolefin tapes wherein the shaped panels have a compressive strength of between 10 MPa and 100 MPa an interlaminar shear strength of between 3 MPa and 75 MPa and a thermal expansion of between 1e 6 1/K and 50e 6 1/K.

No. of Pages: 18 No. of Claims: 15

(21) Application No.7172/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS FOR PREPARING SUBSTITUTED N PHENYLHYDROXYLAMINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D231/22 :11157524.7 :09/03/2011 :EPO :PCT/EP2012/053878 :07/03/2012 :WO 2012/120029 :NA :NA :NA	(71)Name of Applicant: 1)BASF SE Address of Applicant:67056 Ludwigshafen Germany (72)Name of Inventor: 1)KORTE Alexander 2)PUHL Michael 3)QU Tao 4)COPPOLA Marco
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(57) Abstract:

The present invention relates to a process for the preparation of 2 [[[1 (4 chlorophenyl) 1H pyrazol 3 yl]oxy]methyl] phenyl] hydroxylamine from the correspondingly substituted nitrobenzene compound.

No. of Pages: 14 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MOBILITY DEVICE AND METHOD

:B60C27/22	(71)Name of Applicant:
	1)ZHAVI Israel
	Address of Applicant :Zurir 20104 Zurit Israel
:U.S.A.	(72)Name of Inventor:
:PCT/IL2012/000036	1)ZHAVI Israel
:24/01/2012	
:WO 2012/101628	
:NA	
:NA	
:NA	
:NA	
	:61/457190 :25/01/2011 :U.S.A. :PCT/IL2012/000036 :24/01/2012 :WO 2012/101628 :NA :NA

(21) Application No.7174/DELNP/2013 A

(57) Abstract:

A mobility device designed to be installed on a wheel of a vehicle comprises a device body extending longitudinally along a wheel axis and having a mechanism the mechanism being provided with a scroll plate extending generally radially and having opposing inner and outer plate faces and a plurality of stakes each extending generally radially away from a hub the scroll plate having at least one spiral groove formed therein the spiral groove being associated with and driving the plurality of stakes reciprocably extending and / or retracting generally radially relative to the device body by a pin associated with each of the plurality of stakes and being engaged by the spiral groove of the scroll plate.

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

(21) Application No.7175/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ARTICULATED THERAPEUTIC 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 	:A61G7/015 :61/457305 :22/02/2011 :U.S.A. :PCT/IL2012/000086 :21/02/2012 :WO 2012/114332 :NA :NA	(71)Name of Applicant: 1)MEIKI Rani Address of Applicant: Hamaaian 6 21550 Maalot Tarsheha Israel (72)Name of Inventor: 1)MEIKI Rani
(62) Divisional to Application Number Filing Date	:NA :NA	
(5-1) A.1		

(57) Abstract:

An apparatus is provided comprising a base a seat a torso rest and leg supports for the right and left legs respectively of a patient placed on the therapy apparatus. The seat torso rest and leg supports may be connects to the base by a seat mechanism torso mechanism and leg mechanisms respectively. The seat mechanism torso mechanism and leg mechanisms may be movable in a simultaneous and / or coordinated manner.

No. of Pages: 52 No. of Claims: 12

(21) Application No.697/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROPHYLACTIC INFANT FORMULA MILK POWDER

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A23C :201210072584.4 :19/03/2012 :China :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GLENN STEVE ELLIOTT Address of Applicant: LEVEL 1, 202 KARANGAHAPE ROAD, NEWTON, AUCKLAND 1010, NEW ZEALAND (72)Name of Inventor: 1)GLENN STEVE ELLIOTT
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(57) Abstract:

Disease is genetic potential actuated by environmental factors. This innovation provides a double pronged prophylactic approach to THE most important environmental factor, diet, when post-natal neurological and immunological formation is most active and milk is the main source of both nutritive and biologically active material for infants. Most, if not all, milk-based infant formula powders on the market are derived from the milk of the A1 genetic variant which has become the dominant variant throughout the worlds commercial dairy herds. Firstly, the constituent parts of A2 variant bovine milk more closely resemble human milk. More particularly with regard to the structure of the peta casein molecules from A1 milk which, through human digestion breaks down into a potentially toxic, to the infants immature immune system, opioid string - Peta- casomorphin 7 (P-CM7). Secondly, by sourcing milk from dairy herds that have been screened to exclude the A1 variation in favour of the A2 variant, the vulnerable infant will be less likely to either; (a) Develop an auto-immune response to the P-CM7 molecules which are by-products of the digestion of A1 milk and implicated as a potential etiological factor in type 1 diabetes mellitus (DM-1) and Autism (b) Or be exposed to the effects of the opioid-like peptide, P-CM7 that is a by-product of the digestion of A1 milk. This happens via the mechanism of the circulatory system into the infants immature central nervous system which has been implicated in the inhibition of the respiratory centre in the brainstem leading to apnea and death - (SIDS)

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

(21) Application No.7200/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: REMOVABLE COMPOSITION WITH POLYMER MICROSPHERES

(51) International classification :C08F220/18,A23G4/06,A23G4/08 (31) Priority Document No (32) Priority Date :14/01/2011

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

(86) International Application :PCT/US2012/021244

Filing Date :13/01/2012

(87) International Publication :WO 2012/097253

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

(62) Divisional to Application
Number
Filing Date
:NA

(71)Name of Applicant:

1)AVERY DENNISON CORPORATION

Address of Applicant :150 N. Orange Grove Blvd Pasadena

CA 91103 U.S.A.

(72)Name of Inventor: 1)MALLYA Parkash

2)LI Xiang Ya

(57) Abstract:

A composition comprising a suspension polymerization product of a mixture of monomers of ethyl hexyl acrylate (EHA) and ethyl methacrylate (EMA) is described. Further a composition comprising a suspension polymerization product of polar monomers that can be copolymerized with at least one of (meth)acrylic acid esters of alcohols having 4 14 carbon atoms and (meth)acrylic acid esters of alcohols having 1 3 carbon atoms is described.

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

(21) Application No.7201/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ELEVATOR TENSION MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road Farmington Connecticut 06032 U.S.A. (72)Name of Inventor: 1)WESSON John P. 2)KRISHNAN Gopal R. 3)RUSH Daniel 4)JAYACHANDRAN Vijay
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A belt for suspending or driving an elevator car includes a plurality of wires arranged into one or more cords; and a jacket substantially retaining the one or more cords. At least one of the one or more cords includes a plurality of non load bearing filler filaments interposed between adjacent wires of the plurality of wires. An elevator system includes an elevator car one or more sheaves and one or more belts operably connected to the car and interactive with the one or more sheaves for suspending or driving the elevator car. Each belt of the one or more belts includes a plurality of wires arranged into one or more cords and a jacket substantially retaining the one or more cords. At least one of the one or more cords includes a plurality of non load bearing filler filaments interposed between adjacent wires of the plurality of wires.

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

(21) Application No.7202/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: IDENTIFYING AND ENUMERATING EARLY GRANULATED CELLS (EGCS)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/472974 :07/04/2011 :U.S.A. :PCT/US2012/032603 :06/04/2012 :WO 2012/139047 :NA :NA	(71)Name of Applicant: 1)BECKMAN COULTER INC. Address of Applicant: 250 S. Kraemer Blvd. Brea CA 92821 U.S.A. (72)Name of Inventor: 1)RAMIREZ Carlos A. 2)LU Jiuliu
(62) Divisional to Application Number Filing Date	:NA :NA	
7		

(57) Abstract:

Methods and systems for automatically identifying and enumerating early granulated cells (EGC) in blood samples are disclosed. In one embodiment a method for identifying EGC in a blood sample includes analyzing white blood cells of the blood sample using a low angle light scatter (LALS) parameter separating the EGCs from the other white blood cells using the LALS parameter and enumerating the separated EGCs.

No. of Pages: 30 No. of Claims: 12

(21) Application No.6838/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SOLID HERBICIDAL COMPOSITION COMPRISING MESOTRIONE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:A01N41/10,A01N25/14,A01N25/22 :1104204.1	(71)Name of Applicant: 1)SYNGENTA PARTICIPATIONS AG Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor: 1)SOHM Rupert Heinrich 2)KRUEGER Christian 3)CASTAGNINI Flavio 4)ANTENUCCI Mario
Application Number	:NA :NA	

(57) Abstract:

The present invention relates to a solid herbicidal composition comprising: i. mesotrione; ii. at least one arene sulfonate condensed with formaldehyde (e.g sodium alkylnaphthalene sulfonate condensed with formaldehyde); and iii. an acidifying agent. The present invention further provides a method of controlling weeds at a locus comprising diluting the solid herbicidal composition of the present invention and applying to the locus a weed controlling amount of the diluted herbicidal composition.

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

(21) Application No.6839/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: FLOW COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/56 :2011031737 :17/02/2011 :Japan :PCT/JP2011/004601 :16/08/2011 :WO 2012/111051 :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)KARINO Shuichi
Filing Date	:NA	

(57) Abstract:

A flow communication system has: a node having a flow table; and a controller configured to set a flow entry in the flow table. Each flow entry that is set in the flow table specifies packet processing which is performed with respect to a packet matching a match condition. If a hit entry exists in the flow table the node performs the packet processing specified by the hit entry with respect to a received packet. If a deletion condition with regard to a first flow entry in the flow table is satisfied the node deletes the first flow entry from the flow table. The deletion condition includes that a sum of packet lengths of all the received packets matching the first flow entry after the first flow entry is set up exceeds a predetermined deletion unit length.

No. of Pages: 31 No. of Claims: 9

(21) Application No.710/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PIVOT JOINT BRAKES FOR X-RAY POSITIONING SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date	:F16L :13/449,777 :18/04/2012	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country (86) International Application No	:U.S.A. :NA :NA	NEW YORK 12345, USA. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	1)BARKER, DAVID ELLIS 2)SIMMONS, JOHN MATTHEW
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for braking and releasing one or more pivot joints used in an X-ray positioning device are described. The systems and methods use a support arm that extends between a main assembly of the x-ray positioning device and an X-ray imaging assembly with an X-ray source and an X-ray detector that are disposed nearly opposite to each other. The support arm includes one or more pivot joints (such as horizontal, lateral, and/or orbital pivot joints) that allow the imaging assembly to move with respect to the main assembly. The pivot joints can each be connected to an automated braking system that is capable of selectively locking and unlocking a corresponding pivot joint, as indicated by a user-controlled switching mechanism. The braking systems containing multiple pivot joints can be individually controlled by separate switching mechanisms or simultaneously controlled by a single switching mechanism. Other embodiments are described. 19

No. of Pages: 23 No. of Claims: 20

(21) Application No.7220/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM FOR TEMPERING VEHICLE BODIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F26B21/00 :10 2011 011 898.5 :21/02/2011 :Germany :PCT/EP2012/000536 :07/02/2012 :WO 2012/113507	(71)Name of Applicant: 1)EISENMANN AG Address of Applicant: T ¹ / ₄ binger Str. 81 71032 Bblingen Germany (72)Name of Inventor: 1)HIHN Erwin 2)SWOBODA Werner
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* '		
	:WO 2012/113507	
(61) Patent of Addition to Application Number	:NA	3)URICH Tatjan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system (1) for tempering vehicle bodies in particular for drying coated vehicle bodies (9) comprising in a known manner a housing (2) a tempering tunnel (7) accommodated in the housing (2) at least one pressure chamber (5 6) accommodated in a housing (2) and separated by a wall (3 4) from the tempering tunnel (7) a plurality of nozzles (10 11) in the wall (3 4) and an air tempering unit which introduces tempered air into the pressure chamber (5 6) in such a way that said tempered air can flow in through the nozzles (10 11) into the tempering tunnel (7) and can act on the vehicle body (9) located there. At least one nozzle unit (14 15) is oriented and has a range that is wide enough such that the air stream exiting said nozzle unit can pass through an opening in the vehicle body (9) on the side facing the nozzle unit (14 15) and can act on an inner face of the vehicle body (9) on the opposite side. By means of the system according to the invention the tempering of a vehicle body (9) is achieved considerably more quickly than in the prior art and with a lower energy consumption since the components of the vehicle body (9) which are to be tempered are acted upon by tempered air from opposite sides.

No. of Pages: 29 No. of Claims: 7

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS FOR PREPARING PELLETS OF POLY(TRIMETHYLENE TEREPHTHALATE)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29B9/06,C08J3/12 :61/447868 :01/03/2011 :U.S.A. :PCT/US2012/027212 :01/03/2012 :WO 2012/118929 :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. (72)Name of Inventor: 1)ENG John Harvey 2)MOLITOR Michael Joseph 3)MADELEINE Dennis Gerard
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(57) Abstract:

The process creates a radial temperature gradient in an extruded strand in a direction normal to the direction of motion thereof (that is normal to the longitudinal direction thereof) so that upon exiting the first quench region the surface of the strand has solidified while at least the preponderant portion of the interior of the strand remains above the cold crystallization temperature T Then in the annealing region heat from the warmer interior will be transferred to the cooler surface causing the surface to heat up into the range of T thereby inducing the surface to undergo crystallization. Once the surface has undergone crystallization the strand is thoroughly quenched in a second quench region so that the strand will be ready for pelletization accumulation or other handling steps.

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

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ELECTROACTIVE POLYMER ACTUATOR FEEDBACK APPARATUS 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 	:09/03/2012 :WO 2012/122438 :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor: 1)BIGGS Silmon James 2)HITCHCOCK Roger N.
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electronic damping feedback control system for an electroactive polymer module an electroactive polymer device and a computer implemented method for creating realistic effects are provided. The electronic damping controller is coupled in a feedback loop between a user interface device and an electroactive polymer actuator where the actuator is coupled to the user interface device. The electronic damping controller is configured to receive an actuation signal from the user interface device in response to a user input. In response to the actuation signal the electronic damping controller generates an electronic damping signal to couple to the actuator. The electroactive polymer device includes a user interface device an electroactive polymer actuator coupled to the user interface device and the electronic damping controller. The present invention may provide improved user interface devices.

No. of Pages: 53 No. of Claims: 17

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MATTRESS FOR A BERTH BERTH INCLUDING SUCH A MATTRESS AND MOTOR VEHICLE COMPRISING SUCH A MATTRESS AND SUCH A BERTH

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PC' Filing Date :17/	1)REN Addre A Addre France 2)SIA I 3)REC (702/2011 D 2012/110710 A A 1)PILI 2)BOU 3)GRA 4)MEY 5)NIEH 6)CHA	e of Applicant: AULT TRUCKS ess of Applicant:99 Route de Lyon F 69800 Saint Priest NDUSTRIE TICEL e of Inventor: OIX Bruno VET Didier NJON Philippe NARD Paul PCERON Christophe IR Philippe TIN Jean Pierre
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(57) Abstract:

The invention relates to a mattress (102 202) for a berth (2) for a compartment of a passenger transport means comprising a bottom element (102) having a bottom bearing surface (116) and a top oblique surface (112) forming an angle relative to the bottom surface (116) and a top element (202) having a top bedding surface (208) and a bottom oblique surface (210) forming an angle relative to the top surface (208) the top element (202) resting via the bottom oblique surface (210) thereof on the top oblique surface (112) of the bottom element (202). The mattress (102 202) comprises at least two use configurations corresponding to two relative positions of the two oblique surfaces (112 210) which remain in contact with each other in a first position in which both elements (102 202) are entirely or substantially stacked such that the transverse dimension of the mattress (102 202) is reduced and in a second position in which both elements (102 202) are partially transversely shifted such that the transverse dimension of the mattress (102 202) is increased. In the second position the mattress has a substantially planar top surface including the top bedding surface (208) of the top element (202) and a top bedding surface (114) of the bottom element (102) parallel to the bottom bearing surface (116) of the bottom element (102).

No. of Pages: 25 No. of Claims: 26

(22) Date of filing of Application :29/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DEVICE FOR DISPENSING AN ADDITIVE

(51) International :F02M25/00,F02M37/22,B01D37/02 classification

(31) Priority Document No :11 00316 (32) Priority Date :02/02/2011 (33) Name of priority

:France country

(86) International :PCT/FR2012/050219

Application No :01/02/2012 Filing Date

(87) International Publication: WO 2012/104552

(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)FILTRAUTO

Address of Applicant :Btiment COMETE 7 avenue du 8 mai

1945 F 78280 Guvancourt France 2)RHODIA OPERATIONS

(21) Application No.6758/DELNP/2013 A

(72)Name of Inventor:

1)MONSALLIER Guy 2)HARLE Virginie

3)HORBEZ Dominique

4)LALLEMAND Michael

(57) Abstract:

(19) INDIA

The invention relates to a device (8) for dispensing a liquid additive into a fuel circulation circuit for an internal combustion engine comprising a reservoir (12) of liquid additive allowing an additive to be distributed into the fuel circulation circuit by means of a distribution line (16) characterized in that it comprises an additive chamber (22) in communication with the fuel circulation circuit and at least one wall (32) that is mobile and fluidtight between said additive chamber and the additive reservoir which on the one hand provides a fluidtight division and on the other hand maintains equal pressure between the additive in the additive reservoir and the fuel in the additive chamber.

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

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: INKJET MEDIA

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B41M5/28,B41M5/00 :NA :NA :NA :PCT/US2011/030351 :29/03/2011 :WO 2012/134455 :NA :NA :NA	(71)Name of Applicant: 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant:11445 Compaq Center Drive W. Houston TX 77070 U.S.A. (72)Name of Inventor: 1)ZHOU Xiaoqi 2)FU Xulong 3)EDMONDSON David
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(21) Application No.7212/DELNP/2013 A

(57) Abstract:

In one example an inkjet media (210) includes a substrate layer (200) with cellulose fibers synthetic fibers and a polymeric binder. A barrier layer (201) is disposed on at least one side of the substrate layer (200) the barrier layer (201) including pigment fillers and at least 30 percent by weight of a polymer resin.

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

(21) Application No.7214/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DATA REWRITING SUPPORT SYSTEM AND DATA REWRITING SUPPORT METHOD FOR VEHICLE 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 	:2011040353 :25/02/2011 :Japan :PCT/IB2012/000334 :24/02/2012 :WO 2012/114194 :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)YASUDA Toshihiro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A data rewriting support system for a vehicle control apparatus including: a downloading device (210) that downloads data (110) relating to a control program or control data used to control the vehicle control apparatus (240) from outside; and a rewriting data transmission control device (230) that obtains rewriting data (221) on the basis of the data (110) downloaded by the downloading device (210) and transmits the rewriting data (221) to the vehicle control apparatus (240a) connected communicably to a vehicle network (250) wherein the rewriting data transmission control device (230) monitors a transmission condition of data transmitted to the vehicle network (250) and transmits the rewriting data (221) to the vehicle network (250) in accordance with the monitored data transmission condition.

No. of Pages: 49 No. of Claims: 17

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD OF PROCESSING TOBACCO LEAVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:16/02/2012 :WO 2012/110240 :NA :NA	(71)Name of Applicant: 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant: Quai Jeanrenaud 3 CH 2000 Neuchtel Switzerland (72)Name of Inventor: 1)SALMON Brian 2)KONRATH Osny Gilmar
1 (41110-41	:NA :NA :NA	

(21) Application No.7215/DELNP/2013 A

(57) Abstract:

(19) INDIA

The present invention relates to a method of processing whole tobacco leaves with stem veins and lamina material. The whole tobacco leaves are tipped in order to receive tips and butts. The tips and butts are then separated. The separated tips are further processed by cutting or shredding in order to receive light and heavy tip material. Once the light tip material is separated from the heavy tip material the light tip material is dried before it is finally packaged.

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

(21) Application No.7216/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PATH COMPUTATION OF WORKING AND RECOVERY 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 	:H04L12/56 :11156137.9 :28/02/2011 :EPO :PCT/EP2011/056008 :15/04/2011 :WO 2012/116760 :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)IOVANNA Paola 2)BOTTARI Guilio 3)UBALDI Fabio
Number	*	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Computing working paths and recovery paths in a telecommunications network having nodes (60 61) capable of supporting different recovery schemes is based on traffic demands having an indication of a desired recovery service level for that demand. A path computation is carried out (120) to select a working path through the network for each of the traffic demands and to select which of the different recovery schemes to use according to the service level. The selected working paths and their associated recovery schemes are then set up in the network. By leaving the selection of the recovery scheme to the path computation stage network resources can be used more efficiently and operators can specify resiliency in terms of needs rather than in terms of the technology of the network. Thus operators can be insulated from the detailed knowledge of the network.

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

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AUTOMOTIVE NOISE ATTENUATING TRIM PART

(51) International classification	:G10K11/168,B60R13/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUTONEUM MANAGEMENT AG
(32) Priority Date	:NA	Address of Applicant :Schlosstalstrasse 43 CH 8406
(33) Name of priority country	:NA	Winterthur Switzerland
(86) International Application No	:PCT/EP2011/053570	(72)Name of Inventor:
Filing Date	:09/03/2011	1)BERTOLINI Claudio
(87) International Publication No	:WO 2012/119654	2)CASTAGNETTI Claudio
(61) Patent of Addition to Application	:NA	3)SEPPI Marco
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sound attenuating trim part comprising at least one insulating area with an acoustic mass spring characteristics comprising at least a mass layer (A) and a decoupling layer (3) adjacent to the mass layer (A) whereby the mass layer (A) consists of a porous fibrous layer (1) and a barrier layer (2) with the barrier layer (2) being located between the porous fibrous layer (1) and the decoupling layer (3) and all layers are laminated together and whereby the porous fibrous layer (1) at least in the insulating area is having an adjusted dynamic Young s modulus (Pa) such that the radiation frequency of is at least 3000 (Hz).

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

(21) Application No.7209/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AQUEOUS INK COMPOSITIONS AND METHOD OF PREPARING 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 	:30/03/2011 :WO 2012/131668 :NA :NA :NA	(71)Name of Applicant: 1)HEWLETT PACKARD INDUSTRIAL PRINTING LTD. Address of Applicant: 5C Hatzoran Street P.O. Box 8743 Netanya Industrial Park 42505 Netanya Israel (72)Name of Inventor: 1)BRANDSTEIN Or 2)COHEN Eytan 3)VILK Ran
Filing Date	:NA	

(57) Abstract:

An aqueous ink composition includes at least 60% water by weight an acrylic latex polymer suspension a polyurethane suspension a polyethylene wax suspension and an organic solvent that comprises about 10% to about 30% of the ink composition. In methods for preparing an aqueous ink composition a combination of the aforementioned components is provided. The combination is subjected to conditions under which the ink composition becomes substantially uniform and then the combination is subjected to filtration.

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

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PESTICIDAL NUCLEIC ACIDS AND PROTEINS AND USES THEREOF

		(71)Name of Applicant:
(51) International classification	:A01H5/00,A01N63/02	1)MONSANTO TECHNOLOGY LLC
(31) Priority Document No	:61/441709	Address of Applicant :800 North Lindbergh Boulevard Mail
(32) Priority Date	:11/02/2011	Zone E1NA St. Louis MO 63167 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/024454	1)BOWEN David J.
Filing Date	:09/02/2012	2)BUNKERS Gregory J.
(87) International Publication No	:WO 2012/109430	3)CHAY Catherine
(61) Patent of Addition to Application	:NA	4)PITKIN John W.
Number		5)RYDEL Timothy J.
Filing Date	:NA	6)STURMAN Eric J.
(62) Divisional to Application Number	:NA	7)SUKURU Uma Rao
Filing Date	:NA	8)VAN SCOYOC Brook
		9)FLASINSKI Stanislaw

(57) Abstract:

The invention provides compositions comprising polynucleotide molecules encoding certain pesticidal polypeptides which exhibit plant parasitic nematode and/or insect control properties and are particularly directed to controlling plant parasitic pest species of nematodes and insects known to infest crop plant species. Methods for controlling pests are disclosed in which the toxic proteins are provided in the diet of the targeted plant pests. The invention also provides compositions such as nucleic acids proteins and plant and bacterial cells plants and seeds containing the nucleic acid and protein compositions as well as methods and kits for identifying detecting and isolating the compositions of the present invention. The invention further provides a method of producing crops from recombinant seeds which contain the polynucleotide molecules encoding the pesticidal polypeptides of the present invention.

No. of Pages: 43 No. of Claims: 13

(21) Application No.7211/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM FOR TREATING BALLAST WATER IN BALLAST TANKS

(51) International classification	:B63J4/00	(71)Name of Applicant:
(31) Priority Document No	:PA 2011 70108	1)BAWAT A/S
(32) Priority Date	:03/03/2011	Address of Applicant :Diplomvej 381 DK 2800 Kgs. Lyngby
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050068	(72)Name of Inventor:
Filing Date	:05/03/2012	1)HUMMER Jan Stumpe
(87) International Publication No	:WO 2012/116704	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for treating ballast water in ballast tanks (1) onboard vessels and offshore constructions said system (20) comprising: one or more ballast tanks (1) a circulation pump (22) capable of circulating or recirculating via a tubing ballast water from and to the one or more ballast tanks (1); a gas supply unit (21) which is connected to the tubing (22) on the delivery side of the recirculation pump (22) in such a manner that gas such as air and/or inert gas such as nitrogen and/or carbon dioxide can be supplied to the ballast water; and one or more nozzle heads (28) that are functionally connected to the tubing and is/are arranged in one or more ballast tanks (1) said one or more nozzle heads comprising at least one nozzle for injection of the gas containing water into the one or more ballast tanks (1); a device (37) configured for removing and/or killing live organisms in the ballast water.

No. of Pages: 35 No. of Claims: 17

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : QUICK ENGAGEMENT METHOD FOR GAS TURBINE INLET FILTER INSTALLATION AND REPLACEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:E02D :13/438,142 :03/04/2012 :U.S.A. :NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345,U.S.A. 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	1)ZHANG, JIANMIN 2)KIPPEL, BRADLY AARON

(57) Abstract:

A filter installation arrangement and an associated method of installing a filter assembly to a partition. A filter assembly includes a filter element that extends along a longitudinal axis. The filter element includes an end cap disposed at an end of the filter element. An adjustment device of the installation arrangement axially displaces the end cap of the filter element in a first direction. An insert portion is inserted adjacent the end cap subsequent to the axial displacement of the end cap. The insert portion is configured to limit axial displacement of the end cap in a second direction that is opposite the first direction.

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

(12) THIENT THE EXTREM TO BEIGHTIC

(21) Application No.7233/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: RECLINING DEVICE

(51) International classification	:B60N2/235,A47C1/025	(71)Name of Applicant :
(31) Priority Document No	:2011038086	1)SHIROKI CORPORATION
(32) Priority Date	:24/02/2011	Address of Applicant :2 Kirihara cho Fujisawa shi Kanagawa
(33) Name of priority country	:Japan	2520811 Japan
(86) International Application No	:PCT/JP2012/051541	(72)Name of Inventor:
Filing Date	:25/01/2012	1)ITO Koji
(87) International Publication No	:WO 2012/114814	
(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 addresses the problem of providing a low cost reclining device having: a pole wherein external teeth capable of meshing with internal teeth are formed; and a rotating cam that causes the pole to move to a locked position meshed with the internal teeth and an unlocked position away from the internal teeth. [Solution] A cam (34) is disposed between a rotating cam (31) a pole (33) and a guide (25c) and comes in contact with the pole (33) and the guide (25c) when pressed by a hook (31b) by the rotation of the rotating cam (31) in one direction.

No. of Pages: 22 No. of Claims: 2

(21) Application No.7234/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: TURBOMACHINE COMPRISING A PRIVILEGED INJECTION DEVICE AND CORRESPONDING INJECTION METHOD

(51) International classification :F02C7/228,F02C9/28,F02C9/34 (71) Name of Applicant:

(31) Priority Document No :1151388

(32) Priority Date :21/02/2011 (33) Name of priority country :France

(86) International Application No:PCT/FR2012/050345

Filing Date :17/02/2012

(87) International Publication No: WO 2012/114025

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)TURBOMECA

Address of Applicant :F 64510 Bordes France

(72)Name of Inventor:

1)ROYER Eric

2)BENEZECH Philippe Jean Ren Marie

3)RUPERT Pascal

(57) Abstract:

The invention relates to a turbomachine (10) provided with a combustion chamber (330) a fuel injection device (340) for injecting fuel into the combustion chamber (330) and supply means (360) for supplying the fuel injection device (340) with fuel. The invention is characterised in that said turbomachine (10) also comprises determination means (370) for determining the instantaneous variation of the fuel flow of the supply means (360) and regulating means (350) for regulating the fuel flow of the injection device (340) according to the instantaneous variation of the fuel flow of the supply means (360) determined by the determination means (370).

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

(22) Date of filing of Application: 14/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD AND MACHINE FOR MANUFACTURING A HEAT EXCHANGER BLOCK FINS FOR MANUFACTURING A HEAT EXCHANGER BLOCK AND HEAT EXCHANGER BLOCK

(21) Application No.7235/DELNP/2013 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 Filing Date 	:F28F1/32 :1102372.8 :10/02/2011 :U.K. :PCT/GB2012/050271 :08/02/2012 :WO 2012/107757 :NA :NA :NA	(71)Name of Applicant: 1)POWER FIN TECHNOLOGIES LIMITED Address of Applicant: Unit 20 Coleshill Industrial Estate Roman Way Coleshill West Midlands B46 1HQ U.K. (72)Name of Inventor: 1)PIERCE David Bland
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(57) Abstract:

(19) INDIA

This invention relates to a method and machine for manufacturing a heat exchanger block to fins for manufacturing a heat exchanger block and to a heat exchanger block. There is provided a method of manufacturing a heat exchanger block(12) comprising a number of tubes (16) and a number of fins (14; 214a 214b; 314a 314b) neighbouring fins being separated by a predetermined spacing by way of spacer means (52; 52a 52b) the method including the steps of: locating a predetermined number of tubes in a chosen array; locating a number of fins adjacent an end of the tubes; fitting the fins onto the tubes; and vibrating the tubes and/or the fins during the step of fitting the fins onto the tubes. There is also provided a fin (14; 214a 214b; 314a 314b) for a heat exchanger block (12) the fin having integral spacer means (52; 52a 52b) whereby the spacer means of one fin can engage the neighbouring fin and determine the spacing therebetween the fin having a number of apertures (40) to receive a number of tubes (16) the spacer means being located at a distance from the apertures.

No. of Pages: 24 No. of Claims: 12

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR PRODUCING A GRAIN ORIENTED FLAT STEEL PRODUCT

(51) International classification	:C21D8/12,H01F1/147	(71)Name of Applicant :
(31) Priority Document No	:10 2011 000 712.1	1)THYSSENKRUPP ELECTRICAL STEEL GMBH
(32) Priority Date	:14/02/2011	Address of Applicant :Kurt Schumacher Strae 95 45881
(33) Name of priority country	:Germany	Gelsenkirchen Germany
(86) International Application No	:PCT/EP2011/066512	(72)Name of Inventor:
Filing Date	:22/09/2011	1)DUMAN Eyup
(87) International Publication No	:WO 2012/110111	2)HOLZAPFEL Christof
(61) Patent of Addition to Application	:NA	3)KRENKE Thorsten
Number	:NA	4)LAHN Ludger
Filing Date	,IVA	5)LEMAITRE Rgis
(62) Divisional to Application Number	:NA	6)WANG Chaoyong
Filing Date	:NA	7)BELGRAND Thierry

(57) Abstract:

The invention relates to a method for producing a grain oriented flat steel product that is intended for the manufacture of parts for electrotechnical applications and has minimized magnetic loss values and optimized magneto restrictive properties said method comprising the work steps of a) providing a flat steel product and b) laser treating the flat steel product wherein in the course of the laser treatment linear deformations which are arranged with a spacing a are molded into the surface of the flat steel product by means of a laser beam emitted by a laser radiation source with a power P. The method according to the invention for producing flat steel products is optimally suitable for the manufacture of parts for transformers. This is achieved in that the apparent power S1.7/50 of the flat steel product before and after the laser treatment (operation b)) determined at a frequency of 50 Hertz and a polarization of 1.7 Tesla is measured and in that the parameters of the laser treatment are varied in such a way that the difference between the apparent power S1.7/50 measured before and after the laser treatment is less than 40%.

No. of Pages: 22 No. of Claims: 11

(21) Application No.7242/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PERSONAL EEG MONITORING DEVICE WITH ELECTRODE VALIDATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/0484 :NA :NA :NA :PCT/EP2011/050733 :20/01/2011 :WO 2012/097872 :NA :NA :NA	(71)Name of Applicant: 1)WIDEX A/S Address of Applicant: Nymoellevej 6 DK 3540 Lynge Denmark (72)Name of Inventor: 1)KIDMOSE Preben 2)UNGSTRUP Michael 3)RANK Mike Lind
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(57) Abstract:

A personal wearable EEG monitor (1) is adapted to be carried at the head of a person. The EEG monitor comprises an EEG sensor part having skin surface electrodes (3) for measuring EEG signals from said person. The EEG monitor comprises an EEG signal analyzer (5 5) adapted for having an EEG signal transferred from the EEG sensor part and adapted for monitoring the EEG signal. The EEG monitor (1) further comprises EEG stimuli controlling means adapted for performing at least one of the following: providing a stimulus to the person requesting the person to perform a stimuli creating act or identifying a stimuli creating ambient sound. The EEG monitor comprises EEG response detection means for identifying an induced response from the EEG signal caused by the stimuli and a classifier for deciding based on said induced response if the skin surface electrodes receive EEG signals.

No. of Pages: 33 No. of Claims: 19

(21) Application No.7244/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A DISPENSING MECHANISM AND A DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A47K5/12,B65D35/40 :NA :NA :NA :PCT/SE2011/050275 :14/03/2011 :WO 2012/125089 :NA	(71)Name of Applicant: 1)SCA HYGIENE PRODUCTS AB Address of Applicant: S 405 03 Gteborg Sweden 2)JOKITALO Terttu (72)Name of Inventor: 1)HJORT Erik
	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dispensing mechanism (4) for a liquid container (10) comprising a hollow flexible dispensing portion (12) and a dispenser (2) are provided. The dispensing mechanism (4) comprises a first lever (18) arranged to pivot about a first pivot axis (28) and a second lever (20) arranged to pivot about a second pivot axis (30) and comprising a user operated portion (22). The first lever (18) comprises a first sliding surface (24) and the second lever (20) comprises a second sliding surface (26). The first and second sliding surfaces (24 26) bear in sliding abutment against each other at an abutment point. The first and second pivot axes (28 30) are substantially parallel to each other and a first plane extends through the first and second pivot axes. In a non actuated position of the dispensing mechanism (4) the user operated portion of the second lever (20) and the abutment point are arranged on a first side of the first plane. The first sliding surface (24) at least at the abutment point is convex and the abutment point remains on the first side of the first plane over at least a first 2/3 of a dispensing stroke of the first lever (18).

No. of Pages: 25 No. of Claims: 17

(21) Application No.6734/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : CURRENT COLLECTOR CARRIAGE COMPRISING REMOVABLY ATTACHED UNDERCARRIAGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60L5/36,B60L5/40 :10 2011 000 568.4 :08/02/2011 :Germany :PCT/EP2012/051700 :01/02/2012 :WO 2012/107338 :NA :NA :NA	(71)Name of Applicant: 1)DEMAG CRANES & COMPONENTS GMBH Address of Applicant:Ruhrstr. 28 58300 Wetter Germany (72)Name of Inventor: 1)LINDENAU Thomas 2)KREBS Wolfgang 3)EKRUTT Kai Uwe
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(57) Abstract:

The invention relates to a current collector carriage (la, lb) comprising undercarriages (2a, 2b, 2c) which are removably attached to a body (3) and via which the current collector carriage (la, lb) can be moved along a rail (4) with several conductors (5a, 5b, 5c, 5d, 5e), and the current collector carriage (la, lb) is electrically connected to the ! conductors (5a, 5b, 5c, 5d, 5e). In order to provide an improved current collector carriage (la, lb), according to the invention the respective connection of the undercarriages (2a, 2b, 2c) to the body (3) is designed such that coupling and decoupling of the undercarriages (2a, 2b, 2c) is carried out by means of a linear movement in the vertical I direction with a horizontally oriented current collector carriage (la, lb).

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

(21) Application No.6735/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD FOR PRODUCING MOLD FOR FINE PATTERN TRANSFER METHOD FOR PRODUCING DIFFRACTION GRATING USING SAME AND METHOD FOR MANUFACTURING ORGANIC EL ELEMENT WHICH COMPRISES THE DIFFRACTION GRATING

(51) International

:B29C33/38,B29C33/42,B29C39/26

classification (31) Priority Document No

:2011006487 :14/01/2011

(32) Priority Date

(33) Name of priority country: Japan

:NA

(86) International Application :PCT/JP2012/050564

:13/01/2012 Filing Date

(87) International Publication: WO 2012/096368

(61) Patent of Addition to :NA

Application Number

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)JX Nippon Oil & Energy Corporation

Address of Applicant: 6 3 Otemachi 2 chome Chivoda ku

Tokvo 1008162 Japan

2)TOKYO INSTITUTE OF TECHNOLOGY

(72)Name of Inventor:

1)MASUYAMA Satoshi

2)FUKUSHIMA Madoka

3)NISHIMURA Suzushi

4)FUKUDA Maki

5)SEKI Takashi

(57) Abstract:

A method for producing a mold comprises: t o coat a oase (10) with a block copolymer solution (30), said block copolymer being composed of first and second polymers; to carry out a first annealing process at a temperature higher than the glass transition temperature of the block copoly mer after drying the coating film; to form a microrelief structure (36) on the base by removing the second polymer by an etching process; to subject the microrelief structure (36) to a second annealing process at a temperature higher than the glass transition temperature of the first polymer; to form a seed layer (40) on the microrelief structure; to laminate a metal layer (50) on the seed layer (40) by electroforming; and to remove the metal layer (50) from the base. The microrelief structure (70) on the base is successfully transferred to the metal layer by the second annealing process. Con sequently, a mold for fine pattern transfer, which i s suitable for the produc - tion of an optical component such a s a diffraction grating, i s provided.

No. of Pages: 139 No. of Claims: 22

(22) Date of filing of Application :29/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SYSTEM AND METHOD FOR SERVICING A WELLBORE

(51) International

:E21B43/14,E21B34/14,E21B43/12

classification (31) Priority Document No

:13/025041

(32) Priority Date

:10/02/2011

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

(86) International Application :PCT/GB2012/000141

:10/02/2012 Filing Date

(87) International Publication :WO 2012/107731

No

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)HALLIBURTON ENERGY SERVICES INC.

Address of Applicant: 10200 Bellaire Boulevard Houston

Texas 77072 U.S.A.

2)TURNER Craig Robert

(72)Name of Inventor:

1)PORTER Jesse Cale

2)PACEY Kendall Lee

3)HOWELL Matthew Todd

4)STANDRIDGE William Ellis

A wellbore servicing system (100) comprising a sleeve system (200) comprising a ported case (208) a sliding sleeve (260) within the case and movable between a first sleeve position in which the sleeve re stricts fluid communication via the case and a second sleeve position in which the sleeve does not a radially divided segmented seat (270) movable between a first seat position in which the seat re stricts movement of the sleeve and a second seat position in which the seat does not and a sheath (272) covering a portion of the seat the sleeve system being transitionable from a first to a second to a third mode in the first mode the sleeve is in its first position and the seat in its first position in the second mode the sleeve is in its first position and the seat in its second position and in the third mode the sleeve is in its second position.

No. of Pages: 65 No. of Claims: 27

(21) Application No.7241/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: COMBINATION CONTAINER/SYRINGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61M5/178,A61M5/31 :2011021006 :02/02/2011 :Japan :PCT/JP2012/052359 :02/02/2012 :WO 2012/105640 :NA :NA	(71)Name of Applicant: 1)ARTE CORPORATION Address of Applicant: 2 8 12 Iwamoto cho Chiyoda ku Tokyo 1010032 Japan (72)Name of Inventor: 1)KAKIUCHI Makoto 2)SHIMAZAKI Seiji
(62) Divisional to Application Number Filing Date	:NA :NA	
		•

(57) Abstract:

This combination container/syringe (1) is provided with: an outer tube (10) that forms a tubular shape centered around an axis line (O); a front stopper that is fitted in the tip end of the outer tube (10); and a tube end (50) that is fitted to the outer periphery of the tip of the outer tube via a fitting hole (61) at the base end of the tube end and that has a bypass chamber (71) that accommodates the front stopper at the front side of the fitting hole. In the combination container/syringe (1) the inner diameter of the bypass chamber is formed larger than the outer diameter of the front stopper and a plurality of ribs (74) that protrude towards the inside in the radial direction extend in the direction of the axis line and tightly contact the outer peripheral surface of the front stopper that has moved to the inside of the bypass chamber are provided leaving intervening gaps in the peripheral direction. By means of this combination container/syringe it is possible to effectively eliminate air bubbles in a drug via a drug flow through space formed across the peripheral direction between the inner peripheral surface of the bypass chamber and the outer peripheral surface of the front stopper.

No. of Pages: 28 No. of Claims: 3

(21) Application No.6816/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS TO PRODUCE ROUGH FERRO NICKEL 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 	:07/02/2012 :WO 2012/103618	(71)Name of Applicant: 1)VALE S.A. Address of Applicant: Avenida Gra§a Aranha 26 Centro CEP: 20030 000 Rio de Janeiro RJ Brazil (72)Name of Inventor: 1)BERNI Tiago Valentim 2)PEREIRA Antonio Clareti
	:NA :NA :NA :NA	2)FEREIRA Antonio Ciareti

(57) Abstract:

The present invention refers to a MHP process do produce rough ferro nickel product. The process comprises the steps of: mixing nickel hydroxide with an iron source and slagging agents; putting the mixture in contact with a reducing agent producing a ferronickel alloy; and producing a roasted product that has disseminated ferronickel alloy inside the structure.

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

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM FOR ENABLING UNINTENTIONAL DIRECT OR REMOTE CELLULAR TELEPHONE SWITCH OFF

(51) International classification :H04W4/02,H04W48/04 (71)Name of Applicant : (31) Priority Document No 1)DA SILVA Edilberto Ac;cio :PI11002883 (32) Priority Date Address of Applicant : Av Presidente Vargas 1071 Alto da Boa :07/02/2011 (33) Name of priority country Vista 14020 260 Ribeir£o Preto Brazil :Brazil (86) International Application No :PCT/BR2011/000398 (72)Name of Inventor: Filing Date :26/10/2011 1)DA SILVA Edilberto Ac¡cio (87) International Publication No :WO 2012/106788 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The claimed system represents an inventive solution for the industry and market of mobile telephones with the aim of making it compulsory for the cellular telephone (4) to remain always switched off when connected to the battery charger (2) or to the base (11) of a wireless telephone charger connected or not to the power supply (1) thus eliminating any risks for the safety of the user (5) when the battery is recharged (8) in climate conditions of intense electrical discharge. For that purpose the pin (3) of the battery charger (2) only needs to be connected to the connection socket (4b) and as long as this connection is maintained the switch on function of the on off button (4a) is disabled. A remote safety system is provided that is independent of any proactive or reactive action by the user such that when the cellular telephone (4) is in normal use that is disconnected from the charger it is automatically switched off when adverse climate conditions are detected so as not to attract lightning that could be fatal for the user.

No. of Pages: 28 No. of Claims: 6

(21) Application No.6818/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: REFRIGERATING APPLIANCE

(51) International :F25D25/02,A47B57/06,A47B57/30 classification

(31) Priority Document No :11155015.8 (32) Priority Date :18/02/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/052202

:09/02/2012 Filing Date

(87) International Publication :WO 2012/110393

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)ELECTROLUX HOME PRODUCTS CORPORATION

N.V.

Address of Applicant : Raketstraat 40 B 1130 Brussels

Belgium

(72)Name of Inventor:

1)BALDO Federico

(57) Abstract:

The invention relates to a refrigerating appliance (1) including a body (2) in which a refrigerating compartment (3) is defined and a door (4) connected to said body to open and close said compartment and a height adjustable support assembly (10 10 100) connected to said body and/or said door. The refrigerating appliance (1) further comprises a rail (23a 23b;23a 23b) including a rack portion (21) attached to said body (2) within said compartment (3) and/or to said door (4) the rail extending substantially along a vertical axis. The height adjustable support assembly (10;10;100) comprises; a support member (11;11;11) to support items to be refrigerated/frozen; a height adjustment gear (15a 15b) rotatably connected to the support member (11;11;11) the gear meshing with the rack portion (21) so that the support member can be vertically moved along the rail (23a 23b;23a 23b); a unidirectional stopper unit (19; 70) to regulate rotation of the height adjustment gear (15a 15b) when meshed with the rack portion (21) allowing an upward movement of the support member (11;11;11) along the vertical axis and blocking downward movements along the vertical axis; and a lever (50) coupled to the unidirectional stopper unit the lever being apt to disengage the unidirectional stopper unit so as to allow a downward movement of the support member (11;11;11) along the vertical axis when operated.

No. of Pages: 43 No. of Claims: 14

(21) Application No.7262/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BACKHAUL SIGNAL COMPRESSION THROUGH SPATIAL TEMPORAL LINEAR PREDICTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B7/02,H03M7/30 :13/010432 :20/01/2011 :U.S.A. :PCT/IB2012/050284 :20/01/2012 :WO 2012/098527 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: 16483 Stockholm Sweden (72)Name of Inventor: 1)HUI Dennis
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(57) Abstract:

The technology in this application compresses multi antenna complex valued signals by exploiting both a spatial and a temporal correlation of the signals to remove redundancy within the complex valued signals and substantially reduce the capacity requirement of backhaul links. At a receiver the compressed signal is received and a decompressor decompresses the received signal over space and over time to reconstruct the multiple antenna stream.

No. of Pages: 39 No. of Claims: 24

(21) Application No.6804/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: DEVICE FOR HEATING A MEDICAL 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 	:A61M1/16,A61M5/44 :10 2011 104 218.4 :15/06/2011 :Germany :PCT/EP2012/002467 :11/06/2012 :WO 2012/171629 :NA :NA :NA	(71)Name of Applicant: 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH Address of Applicant: Else Krner Strasse 1 61352 Bad Homburg Germany (72)Name of Inventor: 1)WIKTOR Christoph
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(57) Abstract:

The invention relates to a device for heating a medical liquid a method for heating a medical liquid and a blood treatment device.

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

(21) Application No.6805/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: HERBICIDAL COMPOSITION

(51) International classification :A01N47/36,A01N47/38,A01P13/00

(31) Priority Document No :2011009403 (32) Priority Date :20/01/2011 (33) Name of priority country: Japan

(86) International :PCT/JP2012/051579
Application No

Filing Date :19/01/2012

(87) International Publication :WO 2012/099271

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

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

(71)Name of Applicant:

1)ISHIHARA SANGYO KAISHA LTD.

Address of Applicant :3 15 Edobori 1 chome Nishi ku Osaka

shi Osaka 5500002 Japan (72)Name of Inventor:
1)YAMADA Ryu

2)OKAMOTO Hiroyuki 3)TERADA Takashi

(57) Abstract:

Many herbicidal compositions have been developed and are presently used. However weeds to be controlled are various in types and their emergence extends over a long period. Accordingly it is desired to develop a herbicidal composition which has a broad herbicidal spectrum a high activity and a long lasting effect. The present invention provides a herbicidal composition comprising as active ingredients (a) flazasulfuron or its salt and (b) amicarbazone or its salt.

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

(21) Application No.6806/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: GALACTOFRUCTOSE FOR THE REGULATORY EFFECT THEREOF ON INTESTINAL TRANSIT

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to	:08/02/2011 :France :PCT/EP2012/052068 :07/02/2012 :WO 2012/107455	(71)Name of Applicant: 1)SOLVAY SA Address of Applicant: Rue de Ransbeek 310 B 1120 Brussels Belgium (72)Name of Inventor: 1)RONFARD Pascal 2)BAXTER Guillaume
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Galactofructose for the regulatory effect thereof on the intestinal transit time of mammals when it is incorporated into a food composition and when the latter is absorbed by the mammal in an amount corresponding to daily doses of galactofructose averaged over 30 days of between 0.1 and 2 g.

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

(21) Application No.7297/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR TREATING SCR CATALYSTS HAVING ACCUMULATED IRON COMPOUNDS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01J38/64,B01J38/60,B01J38/62 :61/439200 :03/02/2011 :U.S.A.	(71)Name of Applicant: 1)STEAG ENERGY SERVICES LLC Address of Applicant: Post Office Box 1727 304 Linwood Road Suite 102 Kings Mountain NC 28086 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2012/022865 :27/01/2012 :WO 2012/106195	(72)Name of Inventor: 1)HOFFMANN Thies 2)MARRINO Birgit
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

The present disclosure relates to methods for treating deactivated SCR catalysts having an increased SO/SO conversion rate as a result of the accumulation of one or more iron compounds. The methods are characterized in that the catalysts are treated with an aqueous solution of an acidic reactive salt or hydrogen fluoride with the addition of at least one antioxidant

No. of Pages: 26 No. of Claims: 21

(21) Application No.7299/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DYE SENSITIZED SOLAR CELL WITH NITROGEN DOPED CARBON NANOTUBES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:26/03/2012 :WO 2012/130801 :NA :NA	 (71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor: 1)FIGGEMEIER Egbert
	:NA :NA :NA	

(57) Abstract:

A dye sensitized solar cell comprises a metal oxide electrode a mating electrode which faces the metal oxide electrode and an electrolyte which is arranged between the metal oxide electrode and the mating electrode wherein the metal oxide electrode comprises a dye which is located on it and the electrolyte comprises an electrochemical redox couple. Furthermore nitrogen doped carbon nanotubes (N CNT) are arranged between the metal oxide electrode and the mating electrode and the mating electrode makes electrical contact with said nitrogen doped carbon nanotubes. The invention also relates to a method for obtaining electrical energy by means of dye sensitized solar cells according to the invention and to the use of nitrogen doped carbon nanotubes as catalysts in the reaction of an electrochemical redox couple in particular the redox couple I/I.

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

(21) Application No.7300/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD FOR DETECTING AND CHARACTERISING A MOVING TARGET ON A RADAR 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 	:1100644 :03/03/2011 :France :PCT/EP2012/050737 :18/01/2012 :WO 2012/116856	(71)Name of Applicant: 1)THALES Address of Applicant: 45 rue de Villiers F 92200 Neuilly Sur Seine France (72)Name of Inventor: 1)BOSSER Luc 2)HOTTIER Vincent 3)LE FOLL Didier
· /	:NA :NA	· ·

(57) Abstract:

The invention relates to a method for detecting and characterising a moving target (104) on a radar image. The invention also relates to SAR GMTI type radar devices associated with image processing means. The method comprises a first phase for detecting the moving target in radar images followed by a second phase for characterising moving targets. The method enables SAR images to be obtained on which the detected moving targets are correctly positioned and associated with a speed vector. The invention applies to radar monitoring for an airborne vehicle (101) such as an aircraft or a satellite.

No. of Pages: 28 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

:NA

(54) Title of the invention: CONVERTIBLE CONTAINER

(51) International classification :B63B35/36,B65D88/52 (71)Name of Applicant : (31) Priority Document No 1)ETS A. DESCHAMPS ET FILS :1151313 (32) Priority Date :17/02/2011 Address of Applicant :Usine de Bourisson BP N° 20 F 16400 (33) Name of priority country La Couronne France :France (86) International Application No :PCT/EP2012/052236 (72)Name of Inventor: 1)DESCHAMPS Georges Paul Filing Date :09/02/2012 (87) International Publication No :WO 2012/110400 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA

(21) Application No.7134/DELNP/2013 A

(57) Abstract:

Filing Date

The invention relates to a container comprising fittings (12) for gripping, handling, and securing said container, each of said fittings (12) being placed at a corner of said container in the nonexpanded position of said container, wherein said container has a longitudinal dimension and a transverse dimension in said non-expanded position.

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

(21) Application No.7135/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SURGICAL INSTRUMENT WITH WIRELESS COMMUNICATION BETWEEN CONTROL UNIT AND REMOTE SENSOR

(51) International (A61B17/072,A61B17/00,A61B17/29)

classification (31) Priority Document No :13/037498

(31) Priority Document No :13/03/498 (32) Priority Date :01/03/2011 (33) Name of priority

country :U.S.A.

(86) International PCT/US2012/026997 Application No

Filing Date :28/02/2012

(87) International Publication No :WO 2012/118844

(61) Patent of Addition to
Application Number :NA

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

:NA
:NA
:NA

(71)Name of Applicant:

1)ETHICON ENDO SURGERY INC.

Address of Applicant :4545 Creek Road Cincinnati OH 45242

U.S.A.

(72)Name of Inventor:

1)SHELTON Frederick E. IV

2)SWAYZE Jeffrey S. 3)GIORDANO James R.

(57) Abstract:

A surgical instrument (10) including an end effector (12) having at least one sensor (368). The instrument includes a distal stapling unit for performing at least one surgical task operatively connected to a remotely controllable user interface. The instrument further includes an electrically conductive shaft (8) having a distal end connected to the end effector wherein the sensor is electrically insulated from the shaft. The instrument also includes a housing (6) at a proximate end of the shaft configured to receive mechanical or electrical inputs. In addition the instrument has a receiver unit (300) electrically insulated from the shaft configured to receive and send wireless signals from and to the sensor.

No. of Pages: 49 No. of Claims: 7

(21) Application No.7136/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ACCESSING DATA STORED IN A MEMORY OF A SURGICAL INSTRUMENT

(51) International classification :A61B17/072,A61B17/29 (71)Name of Applicant : (31) Priority Document No :13/037566

(32) Priority Date :01/03/2011 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/026993

Filing Date :28/02/2012 (87) International Publication No :WO 2012/118841

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

1)ETHICON ENDO SURGERY INC.

Address of Applicant: 4545 Creek Road Cincinnati OH 45242

(72)Name of Inventor:

1)SHELTON Frederick E. IV 2)MORGAN Jerome R.

(57) Abstract:

A surgical cutting and fastening instrument (10) having an end effector (12) including a housing (34) for holding staples and a sled (33) having a camming surface for ejecting the staples. The instrument has a main drive shaft assembly (48 50 52) for pushing the sled through the housing to eject the staples. Also included is a motor (65) operatively coupled to the actuation shaft (48). The motor includes a drive assembly (20). The instrument further includes a sensor (110) in the drive assembly to measure an actuation load. The instrument further includes a sensor (268) for measuring a power output of the motor. The instrument further includes a console (6) for remote control of the motor the console comprising hand manipulated controls (18 20). The instrument further includes a means (268 2400) for providing proportionate feedback from the sensors to the hand manipulated controls.

No. of Pages: 114 No. of Claims: 1

(21) Application No.7138/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention : SURGICAL INSTRUMENT HAVING A MULTIPLE RATE DIRECTIONAL SWITCHING MECHANISM

(51) International classification (71)Name of Applicant: :A61B17/072 (31) Priority Document No 1)ETHICON ENDO SURGERY INC. :13/037409 (32) Priority Date :01/03/2011 Address of Applicant: 4545 Creek Road Cincinnati OH 45242 (33) Name of priority country U.S.A. :U.S.A. (86) International Application No :PCT/US2012/026995 (72)Name of Inventor: Filing Date .28/02/2012 1)SHELTON Frederick E. IV (87) International Publication No :WO 2012/118842 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A surgical instrument having a remotely controllable user interface and a firing drive configured to generate a rotary firing motion upon a first actuation of the remotely controllable user interface and a rotary retraction motion upon an other actuation of remotely controllable user interface. The instrument includes a first drive member wherein remotely controllable user interface is selectively engageable with the first drive member and a second drive member wherein the remotely controllable user interface is selectively engageable with the second drive member. The instrument also includes an elongate shaft assembly operably engaged with the first drive member and the second drive member. The instrument further includes an end effector coupled to the elongate shaft assembly. The end effector includes an elongate channel configured to operably support a staple cartridge therein and an anvil movably coupled to the elongate channel. The end effector also includes a cutting member operably supported within the elongate channel wherein the cutting member is operably engaged with the elongate shaft assembly. The instrument is such that when the remotely controllable user interface operates the first drive member the first actuation advances the cutting member a first distance wherein when the remotely controllable user interface operates the second drive member the other actuation retracts the cutting member a second distance and wherein the second distance is greater than the first distance.

No. of Pages: 71 No. of Claims: 1

(21) Application No.7140/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DEVICE FOR SEARCHING FOR DEFECTS ON PARTS BY ENDOSCOPY

(51) International classification :G01N21/91,G01N21/954,F01D21/00

(31) Priority Document No :1151616 (32) Priority Date :28/02/2011 (33) Name of priority

country :France

(86) International Application No :PCT/FR2012/050411

Filing Date :28/02/2012

(87) International Publication No :WO 2012/117196

(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)SNECMA

Address of Applicant :2 boulevard du Gnral Martial Valin F

75015 Paris France (72)Name of Inventor: 1)BOUSOUET Sadia

2)CENDRIER Pascal 3)LEMOAL Jean Claude 4)ROVEGNO Jean

(57) Abstract:

A device for searching for defects on parts that are masked, such as turbine engine blades, the device comprising a tubular sheath (28), light-guide means for guiding light and image-transmission means for transmitting images housed inside the sheath, an 10 examination head (62) at the distal end of the sheath (28) including illumination means and image-taking means connected to the light-guide means and to the imagetransmission means housed in the sheath (28), and means for spraying a succession of penetrant test materials on 15 the part for inspection, said means comprising a capillary (32) slidably guided in a duct housed in the sheath (28). The device also comprises means for adjusting the orientation of the examination head at the distal end of the sheath.

No. of Pages: 35 No. of Claims: 17

(21) Application No.7141/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: DASHBOARD FOR A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60K35/00 :1151434 :22/02/2011 :France :PCT/FR2011/052998 :15/12/2011 :WO 2012/113997	(71)Name of Applicant: 1)RENAULT SAS Address of Applicant:13 15 Quai le Gallo F 92100 Boulogne Billancourt France (72)Name of Inventor: 1)LE LEIZOUR Alban 2)MARCEAU Thierry
(87) International Publication No(61) Patent of Addition to Application	:WO 2012/113997 :NA	2)MARCEAU Thierry
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a dashboard (20) for a motor vehicle including an inner recess (41) for accommodating a gauge (26) and a lining (10) having a transverse opening (15). Said gauge includes a longitudinal housing (28) and attachment tabs (34, 36), said transverse opening (15) having two opposite side ends (22, 24), said dashboard including a visor (12) comprising an upper portion (14) and two opposite side portions for covering said two opposite side ends (22, 24). According to the invention, said upper portion (14) and said liner (10) are integrally formed, while said two opposite side portions are detachably assembled. Said gauge (26) is capable of being supported through said transverse opening (15) by inserting said attachment tabs (34, 36) through said two opposite side ends (22, 24), respectively.

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

(12) THE LITTED ENTROLLED CHARLE

(21) Application No.7142/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: INSTALLATION FOR TREATING A BIOLOGICAL 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 	:26/03/2012 :WO 2012/131562 :NA :NA	(71)Name of Applicant: 1)EMD MILLIPORE CORPORATION Address of Applicant: 290 Concord Road Billerica Massachusetts 01821 U.S.A. (72)Name of Inventor: 1)REINBIGLER Ren 2)WEISSENBACH Jean Louis 3)DELBOS Ccile
Filing Date	:NA :NA	

(57) Abstract:

The invention concerns an installation for treating biological liquid comprising a platform provided with an edge running front to back a pump (105) a filtration assembly (111 150) a pre filtration assembly (114) having an inlet point and an outlet point respectively belonging to first and second T shaped branching connectors (137 156) two pre filtration components (115a 115b) aligned in a front to back direction on said platform along said front to back edge and each provided with inlet (157 158) and outlet (159 151) nozzles said installation comprising first and second conduits (152 153) connected to said first T shaped connector and respectively to said inlet nozzles and third and fourth conduits (154 155) connected to said second T shaped connector and respectively to said outlet nozzles (159 151) which inlet and outlet nozzles and conduits are on an opposite side of said pre filtration components (105) to said front to back edge of said platform.

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

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SPRAY DRIED LAUNDRY DETERGENT PARTICLES

(51) International classification: C11D3/02,C11D11/02,C11D3/04 (71)Name of Applicant:

(31) Priority Document No :11159783.7 (32) Priority Date :25/03/2011

(33) Name of priority country :EPO

(86) International Application :PCT/US2012/030220

(19) INDIA

:23/03/2012 Filing Date

(87) International Publication

:WO 2012/134966

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

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

1) THE PROCTER & GAMBLE COMPANY

(21) Application No.7311/DELNP/2013 A

Address of Applicant :One Procter & Gamble Plaza Cincinnati OH 45202 U.S.A.

(72)Name of Inventor:

1)TANTAWY Hossam Hassan

2)LATIMER Andrew

3)PATTON Andrew Brian Greenaway

(57) Abstract:

Spray-dried laundry detergent particles comprising: (a) organic anionic detersive surfactant; (b) water-soluble inor ganic salt selected from the group consisting of sodium carbonate and/or sodium sulphate; (c) essentially no zeolite builder; (d) es sentially no phosphate builder; (e) essentially no bleach; (f) essentially no clay: (g) essentially no non-ionic detersive surfactant; and(h) other detergent ingredients, wherein from 5wt% to 25wt% of the particles are small particles having a particle size of less than 250 micrometers, wherein from 75wt% to 95wt% of the particles are large particles having a particle size of 250 micrometers or greater, wherein the ratio of (i) the organic carbon to inorganic carbon weight ratio of the small particles to (ii) the organic carbon to inorganic carbon weight ratio of the large particles is in the range of from 1.00 to 1.25, and wherein the water-soluble inorganic salt S has a volume average particle size in the range of from 10 micrometers to 50 micrometers.

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

(21) Application No.7155/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: NOVEL COMPOSITE MATERIALS AND METHODS FOR MANUFACTURING SAME

(51) International classification :D04H1/64,D06M15/00,D06M23/12

(31) Priority Document No :1051213
(32) Priority Date :19/02/2010
(33) Name of priority country:France

(86) International :PCT/EP2011/052210

Application No Filing Date :15/02/2011

(87) International Publication :WO 2011/101343

No

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

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant: 1)ROXEL FRANCE

Address of Applicant :Route dArdon F 45240 La Fert Saint

Aubin France

(72)Name of Inventor:
1)RUMEAU Nicolas
2)BUISSON Aurlie
3)TROUILLOT Pascal

(57) Abstract:

The present invention relates to novel composite materials consisting of a substrate based on fibers of natural, mineral or vegetable origin, and of a mixture formed from a matrix of water-based resin and an expanding agent. It relates more specifically to the nature and the proportions of the various 5 elements constituting these novel composite materials. The invention also relates to a method of manufacture for making these novel composite materials starting from the constituent elements and the characteristics of the different steps of said method.

No. of Pages: 32 No. of Claims: 21

(21) Application No.7156/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: UNDERGROUND WATER MANAGEMENT SYSTEM FOR MINES

(51) International classification :B09B1/00,B65G5/00,E03B3/00 (71)Name of Applicant :

(31) Priority Document No :11154117.3 (32) Priority Date :11/02/2011

(33) Name of priority country :EPO

(86) International Application No: PCT/EP2012/052100

Filing Date :08/02/2012

(87) International Publication No: WO 2012/107470

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

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

1)LUXIN (GREEN PLANET) AG

Address of Applicant :Brambergstrasse 18 CH 6004 Luzern

Switzerland

(72)Name of Inventor: 1)BURKHARDT Holger 2)GLANZMANN Arthur

(57) Abstract:

The invention relates to an underground liquid-management system (1, 20, 30, 40) for mines (M) for generating and/or storing energy, for storing and/or cleaning liquids located in the mine (M), comprising: at least one first store (2, 21, 22, 23, 31, 32, 41, 42), which is formed by a cavity of the mine (M), at least one second store (3, 22, 23, 24, 32, 33, 42, 43), the bottom of which is arranged above the bottom of the first store (2, 21, 22, 23, 31, 32, 41, 42), at least one line (4) connecting the stores (2, 3, 21, 22, t 23, 24, 31, 32, 33, 41, 42, 43) in order to conduct the liquid, at least one pumping device (P) for conveying the liquid through the lines (4) from the first store (2, 21, 22, 23, 31, 32, 41, 42) into the second store (3, 22, 23, 24, 32, 33, 42, 43), and a geothermal device (7) at least for operating the pump (P).

No. of Pages: 54 No. of Claims: 23

(21) Application No.7157/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: POWER TRANSMISSION DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01M13/02 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 		Japan (72)Name of Inventor: 1)OMURA Seiji 2)NISHIURA Hiroyuki

(57) Abstract:

Disclosed is a power transmission apparatus constructed to detect the deterioration state of a timing belt in use, thereby making it possible to detect at a high accuracy whether or not the timing belt reaches an exchanging time. The power transmission apparatus 1 comprises a crankshaft pulley 41 provided on a crankshaft 11, 10 an intake camshaft pulley 43 provided on an intake camshaft 22, and a timing belt 46 wound around the crankshaft pulley 41 and the intake camshaft pulley 43. The timing belt 46 contains a stress light emission material capable of emitting light when receiving an external force. The power transmission apparatus 1 further comprises an optical sensor and an ECU 4. The optical sensor is disposed in face-to-face relationship with 15 the timing belt 46 to measure light emitted from the timing belt 46. The ECU 4 is operative to judge whether or not the timing belt is deteriorated and to judge that the timing belt 46 reaches the exchanging time when the timing belt is judged to be deteriorated.

No. of Pages: 36 No. of Claims: 4

(21) Application No.7158/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: CRYSTALLINE OXAZINE DERIVATIVE AND ITS USE AS BACE INHIBITOR

(51) International :C07D413/12,A61K31/5377,A61P25/00 classification

:61/432058

(31) Priority Document

(32) Priority Date :12/01/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/EP2012/050367 Application No :11/01/2012

Filing Date

(87) International :WO 2012/095451 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)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor:

1)RAMOS Rita

(57) Abstract:

The invention relates to 5 cyano 3 methyl pyridine 2 carboxylic acid [3 ((3R 6R) 5 amino 3 6 dimethyl 6 trifiuoromethyl 3 6 dihydro 2H (14)oxazin 3 yl) 4 fluoro phenyl)) amide in crystalline form to its preparation its medical use and to medicaments comprising said compound in crystalline form for use in the treatment of Alzheimer's disease.

No. of Pages: 39 No. of Claims: 11

(21) Application No.7159/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: AIRBAG DEVICE

(51) International classification :B60R21/2338,B60R21/203 (71)Name of Applicant :

(31) Priority Document No :2011011386 (32) Priority Date :21/01/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/050939

Filing Date :18/01/2012

(87) International Publication No :WO 2012/099154

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

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

1)ASHIMORI INDUSTRY CO. LTD.

Address of Applicant: 10 18 Kitahorie 3 chome Nishi ku

Osaka shi Osaka 5500014 Japan

(72)Name of Inventor: 1)YAMAJI Naoki

(57) Abstract:

An object is to prevent an airbag from bursting out toward an occupant and to inflate and deploy the airbag in a stable manner. An inner bag (30A) inflates with gas supplied from an inflator (3). An outer bag (20) inflates with the gas supplied through a flow port in the inner bag 3 0A). A restriction member (40A) restricts the movement of a front surface of the outer bag (20) in the occupan direction. An opening (41) in the restriction member (40A) is engaged with the outer circumference of the inflated inner bag (30A) and moves in the occupant direction along the outer circumference of the inner bag (30A) in accordance with the inflation of the outer bag (20). The restriction member (40A) moves the front surface of the outer bag (20) in accordance with the movement of the opening (41).

No. of Pages: 79 No. of Claims: 10

(21) Application No.7183/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : POWDER COATING COMPOSITION FOR STRUCTURING AND TEXTURING COATING 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 	:C09D11/00 :10 2011 014 250.9 :17/03/2011 :Germany :PCT/EP2012/001051 :09/03/2012 :WO 2012/123090 :NA :NA :NA	(71)Name of Applicant: 1)CLARIANT FINANCE (BVI) LIMITED Address of Applicant: Citco Building Wickhams Cay P.O. Box 662 Road Town Tortola British Virgin Islands VIRGIN ISLANDS (72)Name of Inventor: 1)HERRLICH Timo 2)NIEDERLEITNER Tobias
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(57) Abstract:

The invention relates to the use of & powder coating composition consisting of a bonding agent system, a wax comprising an acid group, ofte or more! basic metal compounds or S1O2 for producing a textured/stractured coatingsur>fac£.

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

(21) Application No.7184/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BROAD SPECTRUM DISINFECTANT

 (51) International 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 	:C11D3/26 :12/932751 :04/03/2011 :U.S.A. :PCT/US2012/027206 :01/03/2012 :WO 2012/121964	(71)Name of Applicant: 1)AMERICAN STERILIZER COMPANY Address of Applicant: 5960 Heisley Road Mentor Ohio 44060 U.S.A. (72)Name of Inventor: 1)HEISIG Christopher C. 2)SMITH Thomas W.
$\boldsymbol{\varepsilon}$		l '
Filing Date	:NA	

(57) Abstract:

A broad spectrum disinfectant includes a quaternary ammonium halogen an alkaline agent a chelating agent a nonionic surfactant coupler at least one alkoxylated nonionic surfactant and water or any aliphatic alcohol. The disinfectant composition is phenol free is effective in eradicating microorganisms such as various fungi and is stable to gamma irradiation.

No. of Pages: 29 No. of Claims: 19

(21) Application No.7185/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: HANDHELD DRIVE DEVICE

(51) International classification	:B25B17/00,B25B23/00	(71)Name of Applicant:
(31) Priority Document No	:61/451697	1)WINNARD Stanley D.
(32) Priority Date	:11/03/2011	Address of Applicant :1540 Selene Drive Suite 110 Carrollton
(33) Name of priority country	:U.S.A.	TX 75006 U.S.A.
(86) International Application No	:PCT/US2012/028638	(72)Name of Inventor:
Filing Date	:09/03/2012	1)WINNARD Stanley D.
(87) International Publication No	:WO 2012/170092	
(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 provides a handheld driver having a housing with a handle and a trigger that drives a set of gears to rotate a shaft having a fitting for a socket screwdriver bit or drill bit.

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

(19) INDIA

(22) Date of filing of Application: 13/08/2013

(21) Application No.7186/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: POLYCRYSTALLINE COMPACTS INCLUDING METALLIC ALLOY COMPOSITIONS IN INTERSTITIAL SPACES BETWEEN GRAINS OF HARD MATERIAL CUTTING ELEMENTS AND EARTH BORING TOOLS INCLUDING SUCH POLYCRYSTALLINE COMPACTS AND RELATED METHODS

(51) International classification :E21B10/46.B24D18/00.B01J3/06 (71)Name of Applicant: (31) Priority Document No :13/029930

(32) Priority Date :17/02/2011 (33) Name of priority country :U.S.A.

(86) International Application

:PCT/US2012/025254 No :15/02/2012

Filing Date

(87) International Publication :WO 2012/112684

(61) Patent of Addition to :NA

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

:NA Number :NA Filing Date

1)BAKER HUGHES INCOPRORATED

Address of Applicant : P.O. Box 4740 Houston TX 77210 4740

(72)Name of Inventor:

1)DIGIOVANNI Anthony A.

(57) Abstract:

Polycrystalline compacts include a polycrystalline material comprising a plurality of inter bonded grains of hard material and a metallic material disposed in interstitial spaces between the inter bonded grains of hard material. At least a portion of the metallic material comprises a metal alloy that includes two or more elements. A first element of the two or more elements comprises at least one of cobalt iron and nickel. A second element of the two or more elements comprises at least one of dysprosium yttrium terbium gadolinium germanium samarium neodymium and praseodymium. The metal alloys may comprise eutectic or near eutectic compositions and may have relatively low melting points. Cutting elements and earth boring tools include such polycrystalline compacts. Methods include the formation of such polycrystalline compacts cutting elements and earth boring tools.

No. of Pages: 47 No. of Claims: 20

(21) Application No.7187/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: HYDRAULIC DECOKING TOOL AND DECOKING 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 	:07/02/2012 :WO 2012/109211 :NA :NA :NA	(71)Name of Applicant: 1)FLOWSERVE MANAGEMENT COMPANY Address of Applicant:5215 North OConner Boulevard Suite 2300 Irving TX 75039 U.S.A. (72)Name of Inventor: 1)ARZUAGA Daniel O.
Filing Date	:NA	

(57) Abstract:

In one embodiment a decoking tool may include a tool body a diverter plate a diverter body a plurality of flow paths and a shifting apparatus. The plurality of flow paths may include a clearing flow path a cutting flow path and a boring flow path each having a nozzle. The nozzle that terminates the clearing flow path can be directed substantially upwards during normal operation. The shifting apparatus can be operatively coupled to the diverter plate and/or the diverter body such that upon operation of the shifting apparatus the diverter plate and the diverter body rotate relative to one another to substantially align a selection orifice and at least one of the at least one clearing orifice the at least one cutting orifice and the at least one boring orifice to establish fluid communication between the fluid inlet and the respective nozzle.

No. of Pages: 35 No. of Claims: 20

(21) Application No.7188/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: CYSTAMINE ANALOGUES FOR THE TREATMENT OF PARKINSON S DISEASE

(51) International :A61K31/145,A61K31/185,A61K31/198 classification

(31) Priority Document :2732440

(32) Priority Date :23/02/2011 (33) Name of priority :Canada

country

(86) International

:PCT/CA2012/050106 Application No :23/02/2012

Filing Date

(87) International :WO 2012/113079 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)UNIVERSIT‰ LAVAL

Address of Applicant :2320 rue des Biblioth" ques Qubec

Oubec G1V 0A6 Canada (72)Name of Inventor:

1)CICCHETTI Francesca 2)ROUILLARD Claude 3)CALON Frdric

(57) Abstract:

The present invention relates to the use of cystamine analogues for the treatment of Parkinson's disease. The present invention also relates to the use of composition comprising cystamine analogues and cysteine. The present invention relates to a method for modifying the progression of Parkinson's disease comprising administering a therapeutically effective amount of at least one cystamine analogue or a pharmaceutically acceptable salt of a cystamine analogue to a patient in need thereof.

No. of Pages: 73 No. of Claims: 32

(21) Application No.7150/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DEVICE FOR ELECTRICALLY BRAKING A DRIVE SHAFT

(51) International (71)Name of Applicant: :F16D55/224,F16D59/02,F16D65/14 classification 1)SOFINECO (31) Priority Document No Address of Applicant :8 14 rue Vaucanson F 69150 Decines :11/00540 (32) Priority Date :23/02/2011 (33) Name of priority (72)Name of Inventor: :France country 1)PANSERI Anne Sophie (86) International 2)POYET Armand :PCT/FR2012/050275 Application No 3)SIMON Romain :08/02/2012 Filing Date (87) International :WO 2012/114015 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The electric braking device according to the present invention comprises a braking member (2) which consists on the one hand of electric jaws (7) and of at least one sliding shoe (8) which are mounted near the brake disc (3) so that the latter passes at least partially between the said electric jaws (7) and the sliding shoe (8) and on the other hand of fixing means (4) for fixing the electric jaws (7) and the sliding shoe (8) to the fixed chassis (6) giving the said jaws and the said shoe degrees of freedom which are obtained by the combination of various connections known as «flat plane connection» AP «point connection» LP and «annular linear connection» LA in order to compensate for misalignments and defects in the shape of the brake disc (3) while it is being rotationally driven.

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

(21) Application No.7151/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SERVICE PROBLEM DIAGNOSIS FOR MOBILE WIRELESS NETWORKS

:H04W24/08.H04L12/24	(71)Name of Applicant:
:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
:NA	Address of Applicant :S 164 83 Stockholm Sweden
:NA	(72)Name of Inventor:
:PCT/EP2011/052486	1)HUANG Yangcheng
:21/02/2011	
:WO 2012/113436	
·NA	
.IVA	
:NA	
:NA	
	:NA :NA :PCT/EP2011/052486 :21/02/2011 :WO 2012/113436 :NA :NA

(57) Abstract:

A method for determining location of a failure causing degradation of a service in a mobile communications network is disclosed. Service trajectories for the mobile terminals are determined (104) by correlating earlier obtained movement trajectories (102) of individual mobile terminals with service session records of the mobile terminals. In the next step distributions of the service trajectories of mobile terminals with degraded service are determined and then a network element around which the service trajectories converge is identified (108) as the location of the failure. An apparatus a communications network and a computer program product are also disclosed.

No. of Pages: 46 No. of Claims: 25

(21) Application No.7152/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : METHODS OF MODULATING CELL SURFACE RECEPTORS TO PREVENT OR REDUCE INFLAMMATION

(51) International classification :H04N (31) Priority Document No :60/757,751 (32) Priority Date :10/01/2006 (33) Name of priority country :U.S.A.

(86) International Application No Filing Date :08/01/2007

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

(62) Divisional to Application Number :5733/DELNP/2008 Filed on :08/01/2007 (71)Name of Applicant:

1)Colgate-Palmolive Company

Address of Applicant :300 Park Avenue, New York NY 10022

USA U.S.A.

:PCT/US2007/060222 (72)**Name of Inventor :** :08/01/2007 **1)SREENIVASAN Prem**

(57) Abstract:

The invention includes a method of distinguishing among oral bacteria species to determine whether a species is orally deleterious. Such method includes contacting at least one bacterium or portion of a bacterium of a species of oral bacteria a gingival cell; and detecting the presence of an indicator compound. The substantial absence of an indicator material signifies that the species of bacteria is not a deleterious species. Also included within the scope of the invention are methods for determining the anti- inflammatory effect of an agent. Such methods include contacting the cell with the agent in the presence of a deleterious bacterium or portion of such bacterium and detecting the presence of an indicator compound. The substantial absence of an indicator material signifies that agent is an antiinflammatory agent.

No. of Pages: 12 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : COATED ARTICLE INCLUDING LOW EMISSIVITY COATING INSULATING GLASS UNIT INCLUDING COATED ARTICLE AND/OR METHODS OF MAKING 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 	:C03C17/36 :61/446411 :24/02/2011 :U.S.A. :PCT/US2012/025387 :16/02/2012 :WO 2012/115850 :NA :NA :NA	(71)Name of Applicant: 1)GUARDIAN INDUSTRIES CORP. Address of Applicant: 2300 Harmon Road Auburn Hills MI 48326 1714 U.S.A. 2)CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE SA. (C.R.V.C.) (72)Name of Inventor: 1)FRANK Marcus 2)DIETRICH Anton 3)MILLER Greg 4)BLACKER Richard 5)IMRAN Muhammad 6)LEMMER Jean marc
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(57) Abstract:

Certain example embodiments relate to a coated article including at least one infrared (IR) reflecting layer of a material such as silver or the like in a low E coating and methods of making the same. In certain cases at least one layer of the coating is of or includes nickel and/or titanium (e.g. NiTiO). The provision of a layer including nickel titanium and/or an oxide thereof may permit a layer to be used that has good adhesion to the IR reflecting layer and reduced absorption of visible light (resulting in a coated article with a higher visible transmission). When a layer including nickel titanium oxide is provided directly over and/or under the IR reflecting layer (e.g. as a barrier layer) this may result in improved chemical and mechanical durability. Thus visible transmission may be improved if desired without compromising durability; or durability may simply be increased.

No. of Pages: 51 No. of Claims: 25

(21) Application No.7191/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING A PATIENT SPECIFIC DIGITAL IMAGE BASED MODEL OF AN ANATOMICAL STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G06Q50/00 :13/015343 :27/01/2011 :U.S.A. :PCT/IL2012/000040 :25/01/2012 :WO 2012/101632 :NA :NA	(71)Name of Applicant: 1)SIMBIONIX LTD. Address of Applicant: P.O.Box 1081 Beit Golan Corner of Golan and Hanegev St. 70151 Airport City Israel (72)Name of Inventor: 1)NAMER YELIN Einav 2)BRONSTEIN Ran 3)TAL Boaz Dov
. ,		3)TAL Boaz Dov
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Embodiments of the invention are directed to a method of performing computerized simulations of image guided procedures. The method may comprise receiving medical image data and metadata of a specific patient. A patient specific digital image based model of an anatomical structure may be generated based on the medical image data and the metadata. A computerized simulation of an image guided procedure may be performed using the digital image based model and the metadata.

No. of Pages: 35 No. of Claims: 20

(21) Application No.7192/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ORGANOGEL FOR ASSISTING INTAKE OF FOOD FOR PERSONS WITH DIFFICULTY IN SWALLOWING/CHEWING AND FOOD FOR PERSONS WITH DIFFICULTY IN SWALLOWING/CHEWING

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Substitute 12- Substitute 13- Subst	2011038344 24/02/2011 Japan	(71)Name of Applicant: 1)The Nisshin OilliO Group Ltd. Address of Applicant: 23 1 Shinkawa 1 chome Chuo ku Tokyo 1048285 Japan (72)Name of Inventor: 1)NODA Ryuuji 2)SANO Junya
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(57) Abstract:

Provided is an organogel for assisting the intake of food for persons with difficulty in swallowing/chewing that makes it possible to easily produce a food that 5 persons with difficulty in swallowing/chewing can easily ingest, and a food for persons with difficulty in swallowing/chewing that uses the organogel. The organogel for assisting the intake of food for persons with difficulty in swallowing/chewing contains fat-and-oil and an agent for gelating fat-and-oil and has a storage modulus at 0°C to 40°C of from 1,000 Pa to 100,000 Pa. The food for persons with difficulty in 10 swallowing/chewing contains the organogel for assisting the intake of food for persons with difficulty in swallowing/chewing and chopped or crushed substances of an ingestible food. In a method for producing a food for persons with difficulty in swallowing/chewing, an organogel for assisting the intake of food for persons with difficulty in swallowing/chewing, which contains fat-and-oil and an agent for gelating 15 fat-and-oil and has a storage modulus at 0°C to 40°C of from 1,000 Pa to 100,000 Pa, is mixed with chopped or crushed substances of an ingestible food.

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

(21) Application No.7342/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: A YEAST CELL FOR THE PRODUCTION OF TERPENES AND USES THEREOF

(51) International classification :C12N9/02,C12N9/04,C12N9/10 (71)Name of Applicant:

(31) Priority Document No :11 001 629.2 (32) Priority Date :28/02/2011

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2012/000665

Filing Date :15/02/2012 (87) International Publication No: WO 2012/116783

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

:NA Number :NA Filing Date

(57) Abstract:

1)ORGANOBALANCE GMBH

Address of Applicant: Gustav Meyer Allee 25 13355 Berlin

Germany

(72)Name of Inventor: 1)RAAB Andreas 2)LANG Christine

The present invention relates to a yeast cell, wherein said cell comprises a functional gene coding for soluble hydroxymethylglutarylcoenzyme-A (HMG-CoA) reductase; one or more gene(s) coding for steryl acyltransferase(s) in said cell are defective or deleted; and said cell is prototrophic for at least histidine, leucine or uracil. Moreover, the present invention relates to the use of said cell for the production of one or more terpene(s). Further, the present invention relates to methods of generating said cell and the production of one or more terperne(s) and a pharmaceutical or cosmetically composition, a lubricant or transformer oil comprising said terpene(s).

No. of Pages: 74 No. of Claims: 15

(21) Application No.7343/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: HYBRID TYPE CONSTRUCTION MACHINE

(51) International classification :E02F9/20,E02F9/22,H02P27/06 (71)Name of Applicant :

(31) Priority Document No :2011044251 (32) Priority Date :01/03/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/054814

Filing Date :27/02/2012

(87) International Publication No :WO 2012/118027

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)HITACHI CONSTRUCTION MACHINERY CO. LTD.

Address of Applicant: 5 1 Koraku 2 chome Bunkyo ku Tokyo

1128563 Japan

(72)Name of Inventor:

1)IZUMI Shiho

2)EDAMURA Manabu 3)SHIBATA Kouichi 4)SUGIURA Manabu 5)OOKI Takatoshi

(57) Abstract:

Provided is a hybrid-type construction machine capable of executing revolving operation with the same sense of operation as that of con ventional construction machines, with an electrical storage device whose electrical storage quantity can be controlled to be within an appropriate range in view of operational life without increasing the capacity of the electrical storage device. The hybridtype construction machine is provided with: an electric motor and a hydraulic motor for driving a revolving superstructure; an elec trical storage device; and a controller for controlling charging and discharging of the electrical storage device. The controller includes: a memory unit storing, with regard to the electrical storage quantity of the electrical storage device, a discharge command region that is set in accordance with the revolving speed of the revolving superstructure; and a computing unit for computing an additional drive torque command value for the electric motor for increasing the powering amount of the electric motor in accordance with the electrical storage quantity of the electrical storage device when the electrical storage quantity of the electrical storage device has reached the discharge command regionstored in the memory unit, and for outputting the additional drive torque command value to the electric motor in order to drive the revolving superstructure.

No. of Pages: 51 No. of Claims: 5

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MOLD TOOL SYSTEM INCLUDING COOLING INSERT ASSEMBLY BEING POSITIONED PROXIMATE TO NOZZLE ASSEMBLY

(21) Application No.7227/DELNP/2013 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 	:B29C33/02 :61/443536 :16/02/2011 :U.S.A. :PCT/US2012/024948 :14/02/2012 :WO 2012/112473 :NA	(71)Name of Applicant: 1)HUSKY INJECTION MOLDING SYSTEMS LTD Address of Applicant:500 Queen Street South Bolton Ontario L7E 5S5 Canada (72)Name of Inventor: 1)BLAIS Paul R. 2)MACLEOD Darrin Albert
		2)WACLEOD Darrin Ameri
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A mold tool system (100) comprising: a runner assembly (102) having: a nozzle assembly (104); and a cooling insert assembly (106) being positioned proximate to the nozzle assembly (104) the cooling insert assembly (106) being configured to provide in use uniform cooling to the nozzle assembly (104). Several potential advantages may be realized with the above arrangement: (i) improvement of hot runner balance by creating a more uniform temperature on all drops (ii) reduction of energy usage in the hot runner by giving ability to include insulating features geometry or materials between the cooling medium and the hot components and/or (iii) simplification of design since water lines may now be in line with nozzle assemblies.

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

(21) Application No.7229/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SENSOR MOUNTING INTO THE TEMPERATURE WELL OF A TRANSFORMER

(51) International :G01D21/02,H01F27/12,G01N33/26 classification

(31) Priority Document No :13/077082 (32) Priority Date :31/03/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/030348

Application No :23/03/2012 Filing Date

(87) International Publication :WO 2012/135024

No

(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)QUALITROL COMPANY LLC

Address of Applicant :1385 Fairport Road Fairport New York

14450 1309 U.S.A. (72)Name of Inventor: 1)HERZ Joshua J.

A sensor assembly for measuring hydrogen concentration in an insulating fluid via a temperature well that has a tubular portion extending into the equipment and having a movable valve at its end. The tubular portion includes a flange a tubular housing member attached to the flange having one end adapted to be telescopically received in the temperature well. The tubular portion includes a housing having one end connected to the tubular housing member having a substantially uniform cross section wherein at least one wire receiving opening extends through the housing body. A cover closes an end of the housing body. A seal is disposed between the tubular housing member and the tubular portion of the temperature well. The tubular housing member is long enough so that when fully extended into the temperature well the tubular housing causes the movable valve to open.

No. of Pages: 18 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :20/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : RECONFIGURABLE OPTICAL ADD DROP MULTIPLEXER AND OPTICAL NETWORK 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 	:H04J14/02 :NA :NA :NA :PCT/EP2011/053852 :15/03/2011 :WO 2012/123022 :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)TESTA Francesco 2)DERRICO Antonio 3)CASANOVA Mauro Rudi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A reconfigurable optical add-drop multiplexer (10) compris ing an input (20), an output (22), drop outputs (30), add inputs (22), a demul tiplexer (18), a cross-connect element (12), a drop element (34) and an add element (26). The cross-connect element (12) comprises cross-connect out puts (36), a by-pass output (38), and optical switches (14) connected together as a first switch array. The drop element (34) comprises optical switches (14) connected together as a second switch array. The add element (26) comprises optical switches (14) connected together as a third switch array. Each optical switch (14) comprises a first input (13), a second input (15), a first output (17) and a second output (19). Each optical switch is arranged to deliver a first optical signal received at the first input to the first output. Each optical switch (14) is arranged to receive a respective control signal arranged to cause the optical switch to route a second optical signal received at its second input to a selected one of its first output and its second output.

No. of Pages: 32 No. of Claims: 12

(21) Application No.7350/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SOLDER ALLOY FOR ACOUSTIC 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 	:NA :NA :NA :PCT/JP2012/062009 :10/05/2012 :WO 2013/108421 :NA :NA	(71)Name of Applicant: 1)SENJU METAL INDUSTRY CO. LTD. Address of Applicant: 23 Senju hashido cho Adachi ku Tokyo 1208555 Japan (72)Name of Inventor: 1)AKAGI Ippei 2)TOKIMOTO Hideki 3)SUZUKI Seiki 4)SEINO Masahumi 5)OSAWA Isamu 6)UESHIMA Minoru
(62) Divisional to Application Number Filing Date	:NA :NA	6)UESHIMA Minoru

(57) Abstract:

To provide audio solder alloy which is senary solder alloy (of SnAgCuSbInNiPb) and has their appropriate contained amounts to obtain excellent sound quality and high auditory assessment, as the joining solder for connecting various kinds of electronics parts used for electronic circuit such as a filter circuit NW for audio system. A preferably example of the contained amounts is as follows: Ag of (1.0 through 1.01 % by mass), Cu of (0.71 through 0.72 % by mass), In of (0.003 through 0.0037 % by mass), Ni of (0.016 through 0.017 % by mass), Pb of (0.0025 through 0.0035 % by mass) and the remainder of Sn.

No. of Pages: 49 No. of Claims: 2

(21) Application No.7268/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ON LOAD TAP CHANGER CONTROL METHOD EXCITATION CONTROL SYSTEM CARRYING OUT SAID CONTROL METHOD AND POWER EXCITATION 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 	:13/01/2012 :WO 2012/104128	(71)Name of Applicant: 1)ALSTOM Technology Ltd Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)MEINECKE Carsten
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•	:13/01/2012	1)MEINECKE Carsten
(87) International Publication No	:WO 2012/104128	
. ,	:NA	
Number	:NA	
Filing Date	.111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an on load tap changer control method for a power transformer (5) in a power system where the power transformer has a primary side for a connection to a first grid in which electric power is generated (3) and a secondary side for connection to a second grid (9) in which electrical power is consumed the power transformer (5) being equipped with an on load tap changer (7) said method comprising the following steps: measuring the voltage and current at least on the primary side (u; i) or on the secondary side (u; i) of the power transformer processing said measured voltages (u; u) and currents (i; i) in order to derive prospective reactive power at the output of the power transformer (5) after prospective tap change compare prospective reactive power to a predefined set point initiate tap change of on load tap changer (7) if prospective reactive power is closer to said predefined set point than actual reactive power.

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

(21) Application No.7269/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 16/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: ROTATING PACKED BED

(51) International classification	:B01D3/30	(71)Name of Applicant:
(31) Priority Document No	:11153864.1	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:09/02/2011	Address of Applicant :Brown Boveri Strasse 7 CH 5400
(33) Name of priority country	:EPO	Baden Switzerland
(86) International Application No	:PCT/EP2012/052016	(72)Name of Inventor:
Filing Date	:07/02/2012	1)WOLF Hartwig
(87) International Publication No	:WO 2012/107429	2)ALEKSIC Petar
(61) Patent of Addition to Application	:NA	3)ENNENBACH Frank Klaus
Number	:NA	4)TOTHILL Mark Harvey
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rotating packed bed RPB (1) comprises a first and second packed bed (3 4) both arranged on the same rotatable shaft (2). A gas is directed via a gas inlet (Gin) through the first packed bed (3) in co current flow with a liquid in a radially outward direction towards the outer radius of the packed bed (3). The liquid enters the first packed bed via a first liquid inlet (5a). The gas exiting the first packed bed (3) is directed to the second packed bed (4) and forced through it in a radially inward direction in counter current flow with a liquid which enters through a second liquid inlet (5b). The arrangement allows an operation of the rotating packed bed with less energy compared to RPBs of the prior art operating in counter current flow only. The apparatus allows low cost design and a high design flexibility.

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

(21) Application No.7270/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ON LOAD TAP CHANGER CONTROL METHOD FOR A POWER EXCITATION CHAIN RELATED UNIT AND POWER EXCITATION CHAIN COMPRISING SUCH 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 	:H02J3/18 :11152801.4 :31/01/2011 :EPO :PCT/EP2012/050475 :13/01/2012 :WO 2012/104127 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)MEINECKE Carsten
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(57) Abstract:

The present invention relates to an on load tap changer control method for a power excitation chain (1) said chain (1) comprising a generator (3) a step up transformer (5) equipped with an on load tap changer (7) and connected on the one hand to the output of said generator (3) and on the other hand to a transmission bus (9) and an excitation control system (11) comprising a generator automatic voltage regulator (AVR) and at least one excitation limiter (OEL UEL) comprising the following steps: monitoring the excitation conditions of the generator activating said at least one excitation limiter (OEL UEL) when the monitored excitation conditions are outside a predefined range inhibiting temporarily the change of step of said on load tape changer (7) when said excitation limiter (OEL UEL) is active.

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

(21) Application No.7271/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TUBE ARRANGEMENT IN A ONCE THROUGH HORIZONTAL EVAPORATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/01/2013 :WO 2013/108218 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)TRUONG Vinh Q. 2)LECH Christopher J. 3)MAGEE Jeffrey F.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Disclosed herein is a once through evaporator comprising an inlet manifold; one or more inlet headers in fluid communication with the inlet manifold; one or more tube stacks where each tube stack comprises one or more inclined evaporator tubes; the one or more tube stacks being in fluid communication with the one or more inlet headers; where the inclined tubes are inclined at an angle of less than 90 degrees or greater than 90 degrees to a vertical; one or more outlet headers in fluid communication with one or more tube stacks; and an outlet manifold in fluid communication with the one or more outlet headers.

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

(21) Application No.7160/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DEVICE FOR INDUCTIVELY REMOVING THE INSULATION FROM WIRES AND/OR PROFILES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02G1/12 :10 2011 004 078.1 :14/02/2011 :Germany :PCT/EP2012/052453 :14/02/2012 :WO 2012/110475 :NA :NA	(71)Name of Applicant: 1)WOBBEN PROPERTIES GMBH Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor: 1)MARYNIAK Bernd 2)SAATHOFF Timo 3)FLEISCHER Mirko 4)CLAAEN Thorsten 5)WAGENAAR Carsten
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(57) Abstract:

Thus there is provided a device for stripping insulation from wires and/or profiles having a lacquer or plastic coating. The device has a receiving portion (20) for receiving the ends of the wires and/or profiles 10 from which insulation is to be stripped, at least one induction coil (10) in the region of the receiving portion (20) for inductively generating heat to vaporise or thermally remove the coating on the wires within the receiving portion (20) and at least one suction removal hose (1) connected to the receiving portion (20) for sucking away the vaporised or thermally removed 15 coating of the wires and/or profiles in the region of the receiving portion (20).

No. of Pages: 14 No. of Claims: 7

(21) Application No.7163/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A TURBINE WHEEL A TURBINE 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 	:F01D5/14 :1103222.4 :24/02/2011 :U.K. :PCT/GB2012/000110 :02/02/2012 :WO 2012/114058 :NA :NA :NA	(71)Name of Applicant: 1)IMPERIAL INNOVATIONS LIMITED Address of Applicant:52 Princes Gate South Kensington London SW7 2PG U.K. (72)Name of Inventor: 1)MARTINEZ BOTAS MATEO Ricardo Fernando 2)ROMAGNOLI Alessandro 3)BIN MAMAT Aman Mohd Ihsan
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(57) Abstract:

A turbine wheel for low pressure ratio applications is disclosed. The ratio of the outlet area of the wheel (A2) to the inlet area of the wheel (A1) is less than approximately 0.4. In an embodiment the wheel is a radial or mixed flow wheel.

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

(21) Application No.7164/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: SYSTEM FOR TREATING BALLAST WATER IN BALLAST TANKS

(51) International classification	:B63J4/00	(71)Name of Applicant :
(31) Priority Document No	:PA 2011 70108	1)BAWAT A/S
(32) Priority Date	:03/03/2011	Address of Applicant :Diplomvej 381 DK 2800 Kgs. Lyngby
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2012/050038	(72)Name of Inventor:
Filing Date	:27/01/2012	1)HUMMER Jan Stumpe
(87) International Publication No	:WO 2012/116698	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for treating ballast water in ballast tanks (1) onboard vessels said system (20) comprising: one or more ballast tanks (1) a circulation pump (22) circulating or recirculating via a tubing ballast water from and to the one or more ballast tanks (1); a nitrogen and/or carbon dioxide generator (21) which is connected to the tubing (22) on the delivery side of the recirculation pump (22) in such a manner that nitrogen and/or carbon dioxide can be supplied to the ballast water; and one or more nozzle heads (28) that are functionally connected to the tubing and is/are arranged in one or more ballast tanks (1) said one or more nozzle heads comprising at least one nozzle (34) for injection of the gas containing water into the one or more ballast tanks (1); and wherein at least one nozzle (34) is configured for powered rotation about both a first and a second axis which is perpendicular or not perpendicular to the first axis to the effect that a three dimensional mixer pattern is produced.

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

(19) INDIA

(22) Date of filing of Application :06/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : HARDFACED WEARPART USING BRAZING AND ASSOCIATED METHOD AND ASSEMBLY FOR MANUFACTURING

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No	:B32B15/04,B05D3/02,B05D5/00 :61/472470 :06/04/2011 :U.S.A. :PCT/US2012/032410 :05/04/2012 :WO 2012/138916	(71)Name of Applicant: 1)ESCO CORPORATION Address of Applicant: 2141 NW 25th Avenue Portland OR 97210 2578 U.S.A. (72)Name of Inventor: 1)CHURCHILL Robin Kerry
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An article such as a hardfaced wearpart includes a substrate a sheet metal shell connected to the substrate to define a cavity between the surface of the substrate and the shell and a composite material filling the cavity and forming a coating on at least a portion of the surface of the substrate the composite material including a hard particulate material infiltrated with a metallic brazing material. The shell may be connected to the substrate by welding or brazing to the substrate and may wear away during use. The shell and the substrate may be used as part of an assembly for producing the article where the shell is used as a mold for forming the composite material by filling the shell with the hard particulate material and subsequently infiltrating with the brazing material.

No. of Pages: 87 No. of Claims: 72

(21) Application No.7900/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/09/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SEAL RING

(51) International classification :F16J15/10,C08K3/00,C08K7/04 (71)Name of Applicant:

:07/06/2012

(31) Priority Document No :2011129634 (32) Priority Date :09/06/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/064728 No

Filing Date

(87) International Publication No: WO 2012/169604

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)KABUSHIKI KAISHA RIKEN

Address of Applicant: 13 5 Kudankita 1 chome Chiyoda Ku

Tokyo 1028202 Japan (72)Name of Inventor: 1)SAITO Mika

(57) Abstract:

The objective of the present invention is to provide a seal ring which has excellent dimensional stability and fit with an opposing member is able to effectively prevent leakage of oil even at very low hydraulic pressure and has excellent sliding properties. The seal ring is produced from a resin composition containing (A) a polyphthalamide and (B) at least one species selected from among an elastomer a cross linked rubber and a dynamically cross linked resin. To the resin composition may also be added (C) at least one type of filler material selected from among carbon fibers glass fibers alumina fibers potassium titanate fibers boron fibers silicon carbide fibers carbon nanotubes montmorillonite bentonite talc isinglass mica molybdenum disulfide glass beads graphite fullerene anthracite powder aluminum oxide titanium oxide magnesium oxide potassium titanate boron nitride and PTFE powder.

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

(21) Application No.7193/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: SHOWER HEAD

(51) International classification: B05B1/18,A61H33/02,B05B7/04 (71)Name of Applicant:

(31) Priority Document No :1102766.1 (32) Priority Date :17/02/2011

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

(86) International Application :PCT/GB2012/050304

:10/02/2012 Filing Date

(87) International Publication

:WO 2012/110790 (61) Patent of Addition to

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

:NA Number :NA Filing Date

1)KELDA SHOWERS LIMITED

Address of Applicant : Southgate Crossway Shawford

Winchester SO21 2BZ U.K. (72)Name of Inventor:

1)HONEYANDS Christopher

(57) Abstract:

A shower head (40) has a passageway for a flow of pressurised air from a pressurised air supply via a Venturi (48) having a convergent portion (46) throat (50) and divergent portion (52) to a shower discharge opening (56) and a passageway (58) for a flow of water from a water supply to a water discharge opening (60) in the Venturi. The Venturi is such that in use the general direction of the flow of air is turned through a substantial angle in the Venturi. This folding of the Venturi enables a compact configuration of shower head to be provided.

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

(21) Application No.7194/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ENHANCEMENT OF FISCHER TROPSCH PROCESS FOR HYDROCARBON FUEL 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 	:11/02/2011	(71)Name of Applicant: 1)KRESNYAK Steve Address of Applicant: 101 Evergreen Plaza SW Calgary Alberta T2Y 5B2 Canada 2)GILES Timothy W. (72)Name of Inventor: 1)KRESNYAK Steve 2)GILES Timothy W.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An enhanced Fischer Tropsch process for the synthesis of sulfur free clean burning green hydrocarbon fuels examples of which include syndiesel and aviation fuel. Naphtha is destroyed in a hydrogen generator and recycled as feedstock to a syngas (FT) reactor in order to enhance the production of syndiesel from the reactor. A further variation integrates a second hydrogen generator capturing light hydrocarbon gas for conversion to hydrogen and carbon monoxide which supplements the Fischer Tropsch reactor. The result is a considerable increase in the volume of syndiesel formulated. A system for effecting the process is also characterized in the specification.

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

(21) Application No.7195/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ENHANCED TRANSMISSION ENERGY MATERIAL AND 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 (52) Editional Pate	n:B32B27/32,B32B27/38,C08J7/04 :NA :NA :NA :PCT/EP2011/052344 :17/02/2011 :WO 2012/110091 :NA :NA :NA	(71)Name of Applicant: 1)DSM IP Assets B.V. Address of Applicant: Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor: 1)CORDOVA David 2)OOSTERBOSCH VAN Eelco
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⁽⁵⁷⁾ Abstract:

The invention relates to a low dielectric loss material comprising a plurality of polyolefin tapes forming a sheet and a coating disposed onto said sheet wherein said coating comprises an epoxy resin.

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

(21) Application No.7196/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS FOR IRON SUPPLEMENTATION OF BEVERAGES

(51) International :A23L2/385,A23L2/52,A61K33/26 classification (31) Priority Document No

:11157624.5 (32) Priority Date :10/03/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/054086

:09/03/2012 Filing Date

(87) International Publication

:WO 2012/120110 No (61) Patent of Addition to

Application Number :NA Filing Date

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

(71)Name of Applicant: 1)DSM IP ASSETS B.V.

Address of Applicant: Het Overloon 1 NL 6411 The Heerlen

Netherlands

(72)Name of Inventor: 1)STEIGER Georg

(57) Abstract:

The present invention is directed to a new process for supplementation of beverages with soluble and bio available iron in the form of ferric pyrophosphate. This process allows iron supplementation of beverages at low cost without affecting either the original taste or the colour of the beverages. It is also directed to a concentrate ferric pyrophosphate citrate solution and its use in the preparation of an iron enriched beverage. The invention also relates to a beverage obtainable by this process.

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

(21) Application No.7197/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SIGNALLING A MUTING PATTERN TO A USER EQUIPMENT FOR TIME DOMAIN ENHANCED INTER CELL INTERFERENCE COORDINATION

(51) International classification	:H04W72/08,H04L5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NOKIA SIEMENS NETWORKS OY
(32) Priority Date	:NA	Address of Applicant :Karaportti 3 FI 02610 Espoo Finland
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/052060	1)TIIROLA Esa Tapani
Filing Date	:11/02/2011	2)HOOLI Kari Juhani
(87) International Publication No	:WO 2012/107106	3)HULKKONEN Jari Yrjana
(61) Patent of Addition to Application	:NA	4)PAJUKOSKI Kari Pekka
Number	:NA	
Filing Date	.11/A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for controlling radio resource usage in a communications system is described. The method comprises defining (601) in a network apparatus (401) a muting pattern regarding uplink signals that are to be temporarily muted wherein said uplink signals comprise higher layer configured uplink signals that are outside the control of a dynamic scheduler of the network apparatus (401). The defined muting pattern or a part of it is signalled (602) from the network apparatus (401) to one or more user equipment (402) in order to control the user equipment (402) to mute (604) the respective uplink signals according to the signalled muting pattern.

No. of Pages: 36 No. of Claims: 37

(21) Application No.7198/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SECONDARY SPECTRUM 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	:H04W16/14,H04W72/08,H04W8/26 :NA :NA :NA :PCT/EP2011/052127 :14/02/2011 :WO 2012/110076 :NA :NA	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY Address of Applicant: Karaportti 3 FIN 02610 Espoo Finland (72)Name of Inventor: 1)VAN PHAN Vinh 2)TURTINEN Samuli 3)HAKOLA Sami 4)KOSKELA Timo
Application Number Filing Date	:NA :NA	

(57) Abstract:

A method comprising: configuring (202) a user device group for monitoring resource usage in a specified area and allocate user device group specific random access channel resources for informing on the resource usage; conveying (204) a monitoring request to at least one user device based on the user device group configuration; obtaining (206) monitoring results from at least one of the user devices in the user device group by using the group specifically allocated random access channel resources and processing (208) the monitoring results for determining resource usage status the specified area.

No. of Pages: 29 No. of Claims: 23

(21) Application No.7222/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ADSORBENT FOR ADSORBING VIRUS AND/OR BACTERIUM CARBON/POLYMER COMPLEX AND ADSORPTION SHEET

(57) Abstract:

To provide an adsorbent adsorption sheet and carbon/polymer complex for adsorbing a virus whereby the virus adsorption capacity can be further enhanced. [Solution] This adsorbent for adsorbing a virus has a nitrogen BET specific surface area of 10 m/gram or higher and a BJH pore volume of 0.1 cm/gram or higher. This adsorption sheet for adsorbing a virus is provided with a sheet shaped member composed of a porous carbon material having a nitrogen BET specific surface area of 10 m/gram or higher and a BJH pore volume of 0.1 cm/gram or higher. This carbon/polymer complex for adsorbing a virus is composed of a binder and of a porous carbon material having a nitrogen BET specific surface area of 10 m/gram or higher and a BJH pore volume of 0.1 cm/gram or higher.

No. of Pages: 59 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :22/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHODS OF PEST CONTROL IN SOYBEAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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/EP2011/051513 :03/02/2011 :EPO :PCT/EP2012/051638 :01/02/2012 :WO 2012/104331 :NA :NA	(71)Name of Applicant: 1)SYNGENTA PARTICIPATIONS AG Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel Switzerland 2)SYNGENTA LIMITED (72)Name of Inventor: 1)VOCK Christoph 2)CASSAYRE Jr'me Yves 3)EL QACEMI Myriem
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides methods comprising applying to a crop of soybean plants, the locus thereof, or propagation material thereof, a compound a compound of formula III wherein wherein A3, A4, A and A5 are independently C-H, or nitrogen and wherein #1 indicates the bond to X and #2 indicates the bond to cycle B; cycle B is selected from Bl to B6 wherein #1 indicates the bond to cycle A, #2 indicates the bond to R7 and #3 indicates the bond to cycle C; cycle C is phenyl; R5 is chloro, bromo, CF or methyl; R7 is chlorodifluoromethyl or trifluoromethyl; each R8 is independently bromo, chloro, fluoro or trifluoromethyl; p is 2 or 3; and wherein X is defined in the claims. The methods are preferably for the control of stinkbugs, in particular Euschistus.

No. of Pages: 45 No. of Claims: 16

(21) Application No.7862/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : VEHICLE AND METHOD AND DEVICE FOR CONTROLLING INTERNAL COMBUSTION ENGINE

(51) International classification (31) Priority Document No (32) Priority Date :NA (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) International :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571 Japan (72)Name of Inventor: 1)OKUBO Shigeo 2)ANDO Yasushi 3)YAGI Daichi
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(57) Abstract:

A vehicle comprises: an engine in which air intake valves are disposed at a plurality of cylinders respectively; and an ECU for controlling the engine. At least one of the air intake valves disposed at the cylinders is opened when an output shaft of the engine stops. When the vehicle runs the ECU changes the air intake valve which was opened when the output shaft of the engine stopped.

No. of Pages: 25 No. of Claims: 5

(21) Application No.7945/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD OF MANUFACTURING A FABRIC LAMINATED FOAM ARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:1108032.2 :13/05/2011 :U.K. :PCT/GB2012/051035 :11/05/2012 :WO 2012/156691	(71)Name of Applicant: 1)MAS RESEARCH AND INNOVATION (PVT) LTD. Address of Applicant: 10th Floor Aitken Spence Tower II 315 Vauxhall Street Colombo 02 Sri Lanka (72)Name of Inventor: 1)LIYANAGE Gaya Keerthi 2)VITARANA Ranil Kirthi
	:WO 2012/156691 :NA :NA	2)VITARANA Ranil Kirthi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for the manufacture of a fabric laminated foam article comprising the steps of: providing a foam composition comprising at least one polyol at least one isocyanate and at least one catalyst to a mould assembly; obtaining a foam formed from the foam composition from the mould assembly after a first pre determined period of time; contacting a fabric to at least one surface of the foam; and optionally curing the foam for a second pre determined period of time wherein during the obtaining step the foam does not collapse.

No. of Pages: 48 No. of Claims: 37

(21) Application No.8113/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/09/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DEPILATORY METHOD AND KIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:25/04/2012 :WO 2012/148947 :NA :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)SMITH Charles Robert 2)HEWLINS Stuart Andrew
Filing Date	:NA	

(57) Abstract:

A method of removing hair from skin is provided comprising the steps of: (a) applying a protective composition to an area of skin on which unwanted hair is growing the protective composition comprising from 1% to 60% of wax by weight of the protective composition and from 1% to 25% by weight of the protective composition of ethanol; (b) applying a depilatory composition to the area of skin to which the protective composition has been applied the depilatory composition comprising a keratin reducing agent.

No. of Pages: 25 No. of Claims: 13

(21) Application No.7284/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD OF MANUFACTURING DIFFERENT TOOTHBRUSHES WITH COMMON CORE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A46B5/02,B29C45/16 :NA :NA :NA :NA :PCT/US2011/026652 :01/03/2011 :WO 2012/118489 :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)LEE David K. 2)JIMENEZ Eduardo J.
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(57) Abstract:

A dental implement includes a rigid plastic core handle and an overmold. The overmold may have different exterior configurations for different users with the different configurations altered to anatomically fit the targeted user s hands and to appeal to the targeted user. The method for manufacturing the dental implement includes forming a plastic core in a first mold removing the plastic core from the first mold selecting one of a plurality of second molds with each of the plurality of second molds having a different mold cavity such that an overmold formed by one of the plurality of the second modes and an overmold formed by another one of the plurality of second molds have different configurations placing the plastic core into the selected one of the plurality of second molds forming an overmold about the plastic core by injecting an material into the mold cavity and removing the plastic core and overmold from the mold cavity.

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

(21) Application No.7285/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/02/2011 :WO 2012/111151 :NA :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor: 1)KOBAYASHI Takuya 2)HAYASHI Gosuke 3)KURIBAYASHI Ken 4)KAYAMA Masahiro
Filing Date	:NA	

(57) Abstract:

Plate thickness range data for the purpose of selecting whether to perform dummy rolling control or normal rolling control according to the target rolling specifications for a steel plate (223) is stored in advance as rolling control selection condition data in a rolling control selection condition data storage unit (112). A rolling control selection processing unit (103) obtains from a PDI data storage unit (114) the target rolling specifications for the steel plate (223) for which rolling currently is to be performed and on the basis of those target rolling specifications and the target plate thickness obtained from the rolling control selection condition data storage unit (112) in accordance with those target rolling specifications determines whether to apply rolling control or normal rolling control in the current rolling operation.

No. of Pages: 54 No. of Claims: 8

(21) Application No.7286/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NETWORK SYSTEM

(51) International classification	:H04L12/42,H04M11/00	(71)Name of Applicant:
(31) Priority Document No	:2011033439	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:18/02/2011	Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1058001 Japan
(86) International Application No	:PCT/JP2012/053825	(72)Name of Inventor:
Filing Date	:17/02/2012	1)KUSAMA Katsumi
(87) International Publication No	:WO 2012/111808	2)TAKAHASHI Atsushi
(61) Patent of Addition to Application	:NA	3)TAKAHASHI Taro
Number	:NA	4)TERAKADO Yasuhiro
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one embodiment a network system has one master transmission apparatus and a plurality of transmission apparatuses connected with a ring type network. The master transmission apparatus comprises a first blockage port and a second blockage port. The first blockage port blocks a first virtual transmission path. The second blockage port blocks a second virtual transmission path. Each of the plurality of transmission apparatuses comprises a branch line system interface a frame setting unit and a trunk line system interface. The frame setting unit creates a first transmission frame that is the result of adding a first tag indicating the first virtual transmission path to a transmission frame inputted from a terminal apparatus using the branch line system interface and a second transmission frame that is the result of adding a second tag indicating the second virtual transmission path to the inputted transmission frame. The trunk line system interface outputs the first transmission frame created by the frame setting unit to the first virtual transmission path.

No. of Pages: 117 No. of Claims: 8

(21) Application No.7288/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM AND APPARATUS FOR APPLYING AN ELECTRIC FIELD TO A COMBUSTION VOLUME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/01/2011 :WO 2012/102697 :NA :NA	(71)Name of Applicant: 1)ClearSign Combustion Corporation Address of Applicant: 12870 Interurban Avenue South Seattle WA 98168 U.S.A. (72)Name of Inventor: 1)HARTWICK Thomas S. 2)GOODSON David 3)RUTKOWSKI Richard F. 4)OSLER Geoff 5)WIKLOF Christopher A.
Filing Date	:NA	

(57) Abstract:

According to an embodiment, combustion in a combustion volume is affected by at least two sequentially applied non-parallel electric fields. According to an embodiment, a combustion volume is equipped withat least three individually modulatable electrodes. According to an embodiment, an electric field application apparatus for a combustion volume includes a safety apparatus to reduce or eliminate danger.

No. of Pages: 33 No. of Claims: 44

(21) Application No.7180/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: WELL TREATMENT METHODS AND SYSTEMS

(51) International classification :E21B21/06,C09K8/90,B01F3/08 (71)Name of Applicant:

(31) Priority Document No :61/451212 (32) Priority Date :10/03/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/026388

:23/02/2012

Filing Date

(87) International Publication :WO 2012/121896

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

1)BAKER HUGHES INCORPORATED

Address of Applicant :2929 Allen Parkway Suite 2100

Houston TX 77019 2118 U.S.A.

(72)Name of Inventor:

1)WEINSTEIN Jeremy L.

2)WHEELER Richard S.

(57) Abstract:

A well treatment method includes drawing a solvent to a first pump (24) drawing a wetting liquid to a second pump (16) pumping the wetting liquid through a polymer mixer (20) using the second pump (16) combining polymer with the wetting liquid to produce a slurry containing undissolved polymer and combining the slurry with the solvent upstream from the first pump (24). Another well treatment method includes increasing dissolution time of the polymer by providing a buffering agent (30) in the wetting liquid before combining the wetting liquid and the polymer. A well treatment system includes a polymer mixing subsystem with a mix loop having a mix loop inlet line from a first pump feed line and a mix loop outlet line back to the first pump feed line the mix loop outlet line containing a polymer mixer (20).

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

(21) Application No.7959/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM AND METHOD FOR IN VEHICLE OPERATOR TRAINING

(51) International classification :B60W40/09,B60W50/14,G07C5/08 (31) Priority Document No :61/446778

(31) Priority Document No :61/446778
(32) Priority Date :25/02/2011
(33) Name of priority country:U.S.A.

(86) International Application: PCT/US2012/026591

Filing Date :24/02/2012

(87) International Publication :WO 2012/145068

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(62) Divisional to

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

(71)Name of Applicant: 1)VNOMICS CORP.

Address of Applicant :175 Sullys Trail Suite 203 Pittsford NY

14534 U.S.A.

(72)Name of Inventor: 1)CHAUNCEY David C.

2)MCCARTHY Edward

(57) Abstract:

An on vehicle system for assessing an operator's efficiency of a vehicle include sensors an audiovisual display device a processor and a data storage. The sensors measure or detect conditions of components of the vehicle and convert the detected conditions into analog or digital information. The data storage stores program instructions the analog or digital information from the sensors and other data. The program instructions when executed by the processor control the on vehicle system to determine a state of the vehicle within a vehicle s environment based on the analog or digital information from the sensors determine whether one or more of a predetermined set of behaviors has occurred based on the determined state of a vehicle assess performance of the determined one or more of the predetermined set of behaviors and present the operator via the audiovisual display device a feedback based on the assessment.

No. of Pages: 34 No. of Claims: 51

(21) Application No.8002/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MULTI LAYER POLYMERIC FILMS AND METHODS OF FORMING SAME

(51) International classification :B32B3/26,B32B7/02,B32B27/32 (71)Name of Applicant: (31) Priority Document No 1) THE PROCTER & GAMBLE COMPANY :61/454132 (32) Priority Date :18/03/2011 Address of Applicant :One Procter & Gamble Plaza Cincinnati (33) Name of priority country :U.S.A. Ohio 45202 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2012/029208 1)ODONNELL Hugh Joseph No :15/03/2012 2)PECK Daniel Charles Filing Date (87) International Publication 3)CARUSO PierLorenzo :WO 2012/129045 4)WISE Brandon Ellis (61) Patent of Addition to 5)TEE Johannson Jimmy Jr. :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

A multi layer polymeric film having an A layer and a B layer. The A layer includes a first polymer and a first inclusion substantially disposed therein. The first inclusion is a first material that has a higher elastic modulus than the first polymer. The B layer includes a second polymer and a second inclusion substantially disposed therein. The second inclusion is a second material that has a higher elastic modulus than the second polymer. Methods of forming a multi layer film are also provided.

No. of Pages: 35 No. of Claims: 14

:NA

(21) Application No.8003/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/09/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: REINFORCED MULTI LAYER POLYMERIC FILMS AND METHODS OF FORMING SAME

(51) International :B32B27/32,B32B27/04,B32B27/36 classification

(31) Priority Document No :61/454132 (32) Priority Date :18/03/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/029211

:15/03/2012 Filing Date

(87) International Publication: WO 2012/129046

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

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

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor:

1)ODONNELL Hugh Joseph 2)PECK Daniel Charles

3) CARUSO PierLorenzo

(57) Abstract:

A multi layer film that includes at least one polymeric skin layer and polymeric A layer is provided. The polymeric A layer is formed from a composition that includes a soft or base polymer matrix and a hard polymer substantially disposed therein to form a reinforcing structure in the polymer matrix. The multi layer film may also include a polymeric B layer that has a hard polymer substantially disposed therein. Methods of forming a multi layer film are also provided.

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

(21) Application No.8231/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD FOR PRODUCING ALKANOL AMINES OBTAINED BY HOMOGENEOUSLY CATALYZED ALCOHOL AMINATION

:C07D307/52,C07C213/02 (71)Name of Applicant : (51) International classification (31) Priority Document No :11157348.1 1)BASF SE (32) Priority Date :08/03/2011 Address of Applicant: 67056 Ludwigshafen Germany (33) Name of priority country (72)Name of Inventor: :EPO (86) International Application No 1)SCHAUB Thomas :PCT/EP2012/053583 Filing Date :01/03/2012 2)BUSCHHAUS Boris (87) International Publication No :WO 2012/119928 3)BRINKS Marion Kristina (61) Patent of Addition to Application 4)SCHELWIES Mathias :NA Number 5)PACIELLO Rocco :NA Filing Date 6)MELDER Johann Peter (62) Divisional to Application Number :NA 7)MERGER Martin

(57) Abstract:

Filing Date

THE INVENTION RELATES TO A METHOD FOR PRODUCING ALKANOL AMINES WHICH COMPRISE A PRIMARY AMINO GROUP (NH) AND A HYDROXYL GROUP (OH) BY ALCOHOL AMINATION OF DIOLS COMPRISING TWO HYDROXYL GROUPS (OH) USING AMMONIA AND ELIMINATION OF WATER. THE REACTION IS HOMOGENEOUSLY CATALYZED IN THE PRESENCE OF AT LEAST ONE COMPLEX CATALYST WHICH CONTAINS AT LEAST ONE ELEMENT SELECTED FROM GROUPS 8 9 AND 10 OF THE PERIODIC TABLE AND AT LEAST ONE DONOR LIGAND.

No. of Pages: 60 No. of Claims: 15

(21) Application No.7306/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention : SYNBIOTIC COMPOSITIONS FOR RESTORATION AND RECONSTITUTION OF GUT MICROBIOTA

(51) International classification :A61K35/74,A23L1/30,A61P1/00 (71)Name of Applicant: (31) Priority Document No 1)LAVIVO AB :11000841 (32) Priority Date :09/02/2011 Address of Applicant :Box 5021 S 426 05 Vstra Frlunda (33) Name of priority country :Sweden Sweden (86) International Application (72)Name of Inventor: :PCT/SE2012/050131 1)WADSTR-M Torkel :09/02/2012 Filing Date 2)LJUNGH ...sa (87) International Publication 3)AMBALAM Padma :WO 2012/108830 No 4)KONDEPUDI Kanthi Kiran (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 relates to synbiotic compositions comprising probiotic bacterial strains and prebiotic sub stances that, when combined exhibit synergistic behavior. The synergetic compositions will stimulate the indigenous microflora to restore and reconstitute in vivo gut like conditions after antibiotic associated diarrhea (AAD), and/or other gut infections caused by gastrointestinal pathogens, and relapses thereof, as well as the prevention of said disorders.

No. of Pages: 41 No. of Claims: 29

(19) INDIA

(22) Date of filing of Application :19/08/2013

(21) Application No.7309/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: A MARKET ACCESS 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 	:21/02/2012 :WO 2012/113013 :NA :NA	(71)Name of Applicant: 1)ZOMOJO PTY LTD Address of Applicant: Level 6 76 80 Clarence Street Sydney New South Wales 2000 Australia (72)Name of Inventor: 1)CHAPMAN Matthew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a brokers market access system for use in processing orders for transmission to a market exchange. General purpose computing systems, with appropriate operating systems and application software typically imple - ment brokers market access systems. In this invention, the market access system is implemented by dedicated hardware in the form of programmable logic devices, such as field programmable logic devices, for speeding processing of client orders. In an embodi ment, the dedicated hardware comprises an architecture including order processing engines arranged to parallel process multiple cli - ent orders.

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

(21) Application No.8211/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: FLEXIBLE BARRIER PACKAGING DERIVED FROM RENEWABLE RESOURCES

(51) International :B32B27/08,B65D65/40,B65D65/46

classification .B32B27/08,B03D03/40,B03D03/4

(31) Priority Document No :61/474478 (32) Priority Date :12/04/2011 (33) Name of priority country:U.S.A.

(86) International Application: PCT/US2012/033302

No :12/04/2012 Filing Date

(87) International Publication :WO 2012/142271

(61) Patent of Addition to
Application Number :NA

Application Number :NA Filing Date :NA

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

(71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A.

(72)Name of Inventor:

1)STANLEY Scott Kendyl 2)BROYLES Norman Scott 3)WNUK Andrew Julian 4)HAYES Jeff Charles

5)BOSWELL Emily Charlotte

6)ARENT Lee Mathew

(57) Abstract:

Disclosed herein are flexible barrier packages composed of materials that are substantially free of virgin petroleum based compounds. The flexible barrier packages contain a sealant that has a biobased content of at least about 85%. The sealant is laminated to an outer substrate that has a biobased content of at least about 95% via a tie layer that can further include an extruded substrate. The extruded substrate has a biobased content of at least about 85%. Ink optionally can be deposited on either side of the outer substrate and the exterior surface of the outer substrate can further include a lacquer. A barrier material layer can be deposited or laminated between the first tie layer and the outer substrate. The flexible barrier packages of the invention are useful for enclosing a consumer product such as for example food drink wipes shampoo conditioner skin lotion shave lotion liquid soap bar soap toothpaste and detergent.

No. of Pages: 39 No. of Claims: 10

(21) Application No.8232/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/09/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: OIL REPELLANT VENTILATION FILTER

(51) International :B01D71/36,B01D39/16,B01D69/06

classification (31) Priority Document No :2011042794

(32) Priority Date :28/02/2011 (33) Name of priority country: Japan

(86) International :PCT/JP2012/001289 Application No

:24/02/2012 Filing Date

(87) International Publication :WO 2012/117709 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)NITTO DENKO CORPORATION

Address of Applicant: 1 2 Shimohozumi 1 chome Ibaraki shi

Osaka 5678680 Japan (72)Name of Inventor: 1)IKEYAMA Yoshiki 2)MARUOKA Nobuaki 3)KOSAKA Naofumi 4)ONOHARA Asuka

(57) Abstract:

THE PROVIDED VENTILATION FILTER IS A VENTILATION FILTER HAVING A POROUS MEMBRANE THE SURFACE OF WHICH HAS BEEN COATED BY AN OIL REPELLING AGENT WHEREIN THE POROUS MEMBRANE IS A POLYTETRAFLUOROETHYLENE STRETCH POROUS MEMBRANE AND THE OIL REPELLING AGENT CONTAINS LINEAR FLUORINE CONTAINING HYDROCARBON GROUPS REPRESENTED BY 1) RCFCHCF OR 2) RCF. R AND R ARE EACH INDEPENDENTLY A C ALKYLENE OR PHENYLENE GROUP. OIL REPELLENCY IS IMPARTED TO THE VENTILATION FILTER WITHOUT A LARGE REDUCTION IN VENTILATION PERFORMANCE.

No. of Pages: 14 No. of Claims: 6

(21) Application No.8313/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : COMPOSITION CONTAINING A CELLULOSE A VEGETABLE OIL AND A VOLATILE SOLVENT AND USE THEREOF AS A DRESSING

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:A61Q19/00,A61K8/73,A61K8/92 :1152513 :25/03/2011 :France :PCT/FR2012/050604 :23/03/2012	(71)Name of Applicant: 1)LABORATOIRES URGO Address of Applicant: 42 rue de Longvic F 21300 Chenove France (72)Name of Inventor: 1)DERAIN Nathalie
Filing Date (87) International Publication No	:WO 2012/131238	
(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 composition in the fluid form intended to form a dressing on the skin. This composition comprises from 6% to 12% by weight of the total weight of the composition of a cellulose derivative, from 5% to 15% by weight of the total weight of the composition of a vegetable oil, and a volatile solvent. The oil/cellulose ratio by weight is between 0.8 and 1.5. This novel dressing base makes it possible to obtain a film on the skin having satisfactory resistances to water and to rubbing actions. The film is flexible and sufficiently comfortable, in particular when the dressing is applied to a fairly extensive area of the skin.

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

(21) Application No.7312/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: EXPANSION CONE ASSEMBLY FOR SETTING A LINER HANGER IN A WELLBORE CASING

(51) International :E21B17/02,E21B23/00,E21B43/10 classification

(31) Priority Document No :13/040668 :04/03/2011 (32) Priority Date

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

(86) International Application :PCT/US2012/025566

:17/02/2012

Filing Date (87) International Publication

:WO 2012/121857

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)HALLIBURTON ENERGY SERVICES INC.

Address of Applicant :2601 Beltline Road Carrollton TX

75006 U.S.A.

(72)Name of Inventor:

1)HAZELIP Gary Lynn

(57) Abstract:

An expansion cone assembly (200) for setting a liner hanger. The expansion cone assembly (200) includes a cone mandrel (202) having an outer frustoconical surface (220), a lead cone (206) slidably disposed around the cone mandrel (200) having a frustoconical surface (228) with a maximum outer diameter (230) and a collapsible cone (204) slidably disposed at least par tially around the outer frustoconical surface (220) of the cone mandrel (202). In an expansion configuration, the outer frustoconical surface (220) radially props the collapsible cone (204) such that it has a first maximum outer diameter (232) that is greater than the maximum outer diameter (230) of the lead cone (206). In a retrieval configuration, the collapsible cone (204) axially shifts relative to the outer frustoconical surface (220) such that it has a second maximum outer diameter (234) that is no more than the maximum out - er diameter (230) of the lead cone (206).

No. of Pages: 34 No. of Claims: 20

(21) Application No.7313/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS FOR PREPARING MOLDED OPTICAL ARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G02B1/04,B29D11/00 :61/449123 :04/03/2011 :U.S.A. :PCT/US2012/026529 :24/02/2012 :WO 2012/121905 :NA :NA	(71)Name of Applicant: 1)PPG INDUSTRIES OHIO INC. Address of Applicant: 3800 West 143rd Street Cleveland Ohio 44111 U.S.A. (72)Name of Inventor: 1)BOJKOVA Nina V. 2)LUSHER David L.
(61) Patent of Addition to Application	:NA	2)LUSHER David L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided i s a process for preparing a molded optical article that i s essentially free of optical defects. The process comprises: a) introducing each of two separate reactive components A and B from separate supply vessels into a mixing chamber o having a volume of 200 ml to 2000 ml; b) mixing the components together in the mixing chamber for a period of 50 to 200 seconds to form a reaction mixture; c) injecting the reaction mixture at a temperature of up to 130° C into a mold; d) holding the reaction mixture in the mold at a temperature and for a time sufficient to essentially cure the reaction mixture and form a molded optical art - icle; and e) releasing the article from the mold. The process i s particularly suitable for preparing polythiourethane lenses with high yield, high transparency, very low haze, low flow lines and low inclusions.

No. of Pages: 63 No. of Claims: 21

(21) Application No.7314/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ELEVATOR CAB WALL 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 	:B66B11/02,E04F13/08 :NA :NA :NA :PCT/IB2011/000718 :04/03/2011 :WO 2012/120323	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road Farmington CT 06032 2568 U.S.A. (72)Name of Inventor: 1)GRESSIEN Christele 2)CONVARD Emmanuel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An exemplary elevator cab wall panel includes a plurality of panel members that are selectively moveable relative to each other to adjust the size of the panel. The panel is useful for selectively covering a space between a car operating panel and a nearby surface in an elevator cab. The wall panel provides a finished wall surface in the space.

No. of Pages: 14 No. of Claims: 19

(21) Application No.7315/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ANTIBODY AND ANTIGEN RECOGNIZING TUMOR INITIATING CELLS AND USE THEREOF

(51) International classification	:C12Q1/02,C12Q1/68,C07K16/18	(71)Name of Applicant:
(31) Priority Document No	:201110042166.6	1)BEIJING INSTITUTE FOR CANCER RESEARCH
(32) Priority Date	:22/02/2011	Address of Applicant :52 Fucheng Road Haidian District
(33) Name of priority country	:China	Beijing 100142 China
(86) International Application	:PCT/CN2012/000227	(72)Name of Inventor:
No	:22/02/2012	1)ZHANG Zhiqian
Filing Date	.22/02/2012	2)ZHAO Wei
(87) International Publication	:WO 2012/113266	3)WANG Limin
No	. W O 2012/113200	4)HAN Haibo
(61) Patent of Addition to	:NA	5)XING Baocai
Application Number		
Filing Date	:NA	
(62) Divisional to Application	NIA	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed i s a method for searching, identifying, or validating a marker CACNA2D1 of tumor-initiating cells. The method comprises a step of immuninizing an animal using HEP-12 cells originating from a recurrent tumor and rich in originating cells. Also disclosed i s a monoclonal antibody specially recognizing CACNA2D1 or antigen-binding fragments thereof, and the use thereof for treating or preventing tumors or diseases or conditions related t o CACNA2D 1.

No. of Pages: 40 No. of Claims: 43

(21) Application No.8344/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SHELF CAPABLE DOLLY

(51) International classification	:A47F5/10,A47F5/12,B62B3/04	(71)Name of Applicant:
(31) Priority Document No	:1105146.3	1)MELIA Michael
(32) Priority Date	:26/03/2011	Address of Applicant :143 Foxfold Skelmersdale Lancashire
(33) Name of priority country	:U.K.	WN8 6UE U.K.
(86) International Application No	:PCT/GB2012/050630	(72)Name of Inventor:
Filing Date	:22/03/2012	1)MELIA Michael
(87) International Publication No	:WO 2012/131332	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.INA	
(62) Divisional to Application	·NIA	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

A dolly (1) capable of carrying goods through the supply chain in the current accepted manner. A handle (7) kept at the point of sales or use is fitted to the Dolly the assembly is placed in the required position the handle (7) is lifted up converting the Dolly into a shelf unit giving full access to the goods therein.

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

(21) Application No.7321/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DIVIDABLE TRAY

	_ ,, ,,,, _ ,, ,,_ , _ ,, ,, ,,,	
(51) International classification	:B65D5/48,B65D5/54,B65D77/04	(71)Name of Applicant:
(31) Priority Document No	:61/444420	1)NESTEC S.A.
(32) Priority Date	:18/02/2011	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application	-DCT/LIC2012/024629	(72)Name of Inventor:
No	:PCT/US2012/024628	1)SCRIMGER Michael Todd
Filing Date	:10/02/2012	
(87) International Publication	:WO 2012/112387	
No	. W O 2012/112307	
(61) Patent of Addition to	·NI A	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
INUITION DA	:NA	

(57) Abstract:

Filing Date

Packages for housing consumable products or secondary containers having consumable products and methods of making and using same are provided. In a general embodiment, the present disclosure provides a tray having first and second oppos - ing side walls, a front wall, a back wall, a bottom wall, and an interior wall that divides the tray into at least two separate compart ments. The interior wall may include first and second adjacent panels joined by one of a perforation and a score. The perforation and/or score will allow the tray to be configured, at least, as one tray having two separate compartments, or as two separate and discrete trays.

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

(21) Application No.7322/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: EXTENSIONAL VISCOSITY TO PROMOTE SAFE SWALLOWING OF FOOD BOLUSES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:A23L1/052,A23L1/0526,A23L1/053 :61/447745 :01/03/2011 :U.S.A. :PCT/EP2012/053533 :01/03/2012 :WO 2012/117065 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Avenue Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)BURBIDGE Adam Stewart 2)ENGMANN Jan 3)POPA NITA Simina
Application Number Filing Date	:NA :NA	

(57) Abstract:

Nutritional products having improved cohesiveness of food boluses and methods of making and using same are provided. The nutritional products may include nutritional compositions and high molecular weight, water-soluble polymers such that the nutritional products have extensional viscosities that provide improved cohesiveness to the nutritional products and Trouton ratios of at least 6. Methods of administering such nutritional products to patients having impaired swallowing ability and/or dyspha - S gia are also provided.

No. of Pages: 42 No. of Claims: 51

(21) Application No.7323/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING REDUCING OR PREVENTING DAMAGE TO THE NERVOUS SYSTEM OF ANIMALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:07/02/2012 :WO 2012/112340 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)PAN Yuanlong
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and compositions for treating, reducing, or preventing damage to at least one component of the nervous sys tem of an animal are disclosed. The methods comprise administering to the animal a composition comprising UFA and NORC in an amount effective to treat, reduce, or prevent damage to at least one component of the nervous system. Methods extending the prime years of an animals life, improving the quality of life, and promoting health and wellness of an animal using compositions compris - ing UFA and NORC, and optionally, antioxidant(s) and/or B vitamins are also disclosed.

No. of Pages: 44 No. of Claims: 150

(21) Application No.7325/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: OPTICS BASED SENSOR DEVICE

(51) International classification	:B66B1/24,B66B1/34,B66B5/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OTIS ELEVATOR COMPANY
(32) Priority Date	:NA	Address of Applicant :Ten Farm Springs Road Farmington CT
(33) Name of priority country	:NA	06032 2568 U.S.A.
(86) International Application No.	:PCT/US2011/030754	(72)Name of Inventor:
Filing Date	:31/03/2011	1)KANG Keunmo
(87) International Publication No	:WO 2012/134482	2)DEVALVE Timothy D.
(61) Patent of Addition to	:NA	3)VERONESI William A.
Application Number	:NA	4)CULP Slade R.
Filing Date	.IVA	5)TERRY Harold
(62) Divisional to Application	:NA	6)MARVIN Daryl J.
Number	:NA	7)AGIRMAN Ismail
Filing Date	.INA	

(57) Abstract:

A feedback system (24) for a motor (20) of an elevator system (10) is provided. The feedback system may include a first sensor (26) and a processing circuit (28). The first sensor (26) may be disposed in proximity to a drive component (16 18 32) of the elevator system (10) and configured to detect a change in position of the drive component (16 18 32). The processing circuit (28) may be configured to receive a first data signal from the first sensor (26) corresponding to the change in position of the drive component (16 18 32) and generate a feedback signal for controlling the motor (20) based on the first data signal.

No. of Pages: 23 No. of Claims: 20

(21) Application No.8530/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013 (43) Publication Date: 23/01/2015

:NA

:NA

(54) Title of the invention: INSECT INHIBITORY TOXIN FAMILY ACTIVE AGAINST HEMIPTERAN AND/OR LEPIDOPTERAN INSECTS

:A01P7/04,C07K14/00 (51) International classification (31) Priority Document No :61/472865 (32) Priority Date :07/04/2011 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/032531 Filing Date :06/04/2012 :WO 2012/139004 (87) International Publication No (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number

(71)Name of Applicant: 1)MONSANTO TECHNOLOGY LLC

Address of Applicant: 800 North Lindbergh Boulevard St.

Louis Missouri 63167 U.S.A. (72)Name of Inventor: 1)BOWEN David J.

2)CHAY Catherine 3)EVDOKIMOV Artem 4)SCHRODER Megan N. 5)SLIGHTOM Rachael N. 6)SUKURU Uma R. 7)TAO Nengbing

8)WOLLACOTT Andrew M.

(57) Abstract:

Filing Date

The present invention discloses a genus of insect inhibitory proteins that exhibit properties directed to controlling Lepidopteran and/or Hemipteran crop pests methods of using such proteins nucleotide sequences encoding such proteins methods of detecting and isolating such proteins and their use in agricultural systems.

No. of Pages: 145 No. of Claims: 20

(21) Application No.8314/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : FILM FORMING COMPOSITION CONTAINING A SUN FILTER AND USE THEREOF FOR THE TREATMENT OF SCARS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61Q19/00,A61K8/73,A61K8/92 :1152497 :25/03/2011 :France	(71)Name of Applicant: 1)LABORATOIRES URGO Address of Applicant: 42 rue de Longvic F 21300 Chenove France
(86) International Application No Filing Date	:PCT/FR2012/050603 :23/03/2012	(72)Name of Inventor : 1)DERAIN Nathalie
(87) International Publication No	:WO 2012/131237	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a fluid composition containing at least a polymer, a plasticiser, a volatile solvent, and a very small amount of an organic sun filter in the order of between 0.5 and 2.2 wt.-% in relation to the total weight of the composition. The composition, which is intended to be applied to the skin, can be used to treat scars. In addition, the composition advantageously contains a derivative of dibenzoylmethane and a cinnamate derivative.

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

(21) Application No.8367/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD FOR FORMING BONDED STRUCTURES AND BONDED STRUCTURES FORMED THEREBY

(51) International classification :B32B37/12,B29C65/48,C09J5/00 (71)Name of Applicant : (31) Priority Document No 1)ASTON MARTIN LAGONDA LIMITED :1104675.2 (32) Priority Date :18/03/2011 Address of Applicant :Banbury Road Gaydon Warwick (33) Name of priority country Warwickshire CV35 0DB U.K. :U.K. (86) International Application (72)Name of Inventor: :PCT/GB2012/000252 1)SYVRET Andrew John :19/03/2012 Filing Date 2)PUJOL Sylvain (87) International Publication :WO 2012/127185 No (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 forming a bonded structure (10) such as for use in an automobile structure comprises providing a first substrate (14) and a second substrate (16) and adding an adhesive region between the substrates wherein the adhesive region has a first adhesive portion (18) and a second adhesive portion (12) and curing the first adhesive portion more quickly than the second adhesive portion the method including positioning the substrates relative to one another and injecting the adhesive between said substrates to form an adhesive region while holding the substrates relative to one another.

No. of Pages: 16 No. of Claims: 38

(19) INDIA

(22) Date of filing of Application :03/10/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND KIT FOR HAIR REMOVAL

(31) Priority Document No :61/480006 1)TH (32) Priority Date :28/04/2011 Add (33) Name of priority country :U.S.A. OH 452 (86) International Application No :PCT/US2012/034797 (72)Nan Filing Date :24/04/2012 1)SM	Name of Applicant: THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati 45202 U.S.A. Name of Inventor: SMITH Charles Robert HEWLINS Stuart Andrew
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(21) Application No.8589/DELNP/2013 A

(57) Abstract:

A method of removing hair from skin is provided comprising the steps of: (a) applying a protective composition to an area of skin on which unwanted hair is growing the protective composition comprising from 1% to 60% of wax by weight of the protective composition and from 1% to 25% of powder by weight of the protective composition; (b) applying a depilatory composition to the area of skin to which the protective composition has been applied the depilatory composition comprising a keratin reducing agent.

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

(19) INDIA

(22) Date of filing of Application :03/10/2013

(21) Application No.8597/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: BALLOON BORNE PLATFORM STABILIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B64B1/40 :61/457363 :10/03/2011 :U.S.A. :PCT/IL2012/000114 :11/03/2012 :WO 2012/120504 :NA	(71)Name of Applicant: 1)SHILAT IMAGING LTD Address of Applicant: 1 Hamada Street 76703 Rehovot Israel (72)Name of Inventor: 1)GUETTA Avishay 2)AMBER Rafael 3)GUETTA Yuval
(87) International Publication No	:WO 2012/120504 :NA :NA	3)GUETTA Yuval
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An aerial balloon system comprising a payload platform suspended from an inflated balloon by means of a balloon cable and an anchoring cable attaching the platform to an anchor point beneath it. The balloon cable and anchoring cable are attached to the payload platform by means of a connecting element pivotaily attached to the platform. The platform may include a servo controlled pitch stabilizing system using the input from a pitch sensor mounted on the platform to control an angular actuator to change the angle which the platform makes with the pivoted connection element. Additionally the platform may include a servo controlled orientation stabilizing system using the input from an orientation sensor mounted thereon to control the departure of the orientation of the platform from a predetermined orientation. This may be readily accomplished using a variable pitch rotor the pitch being controlled by the orientation sensor signal.

No. of Pages: 32 No. of Claims: 29

(21) Application No.9170/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/10/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DEVICE TO REPRODUCE IMAGES OR GRAPHICAL PATTERNS IN GENERAL ON SURFACES CORRESPONDING METHOD

(51) International classification :B05D1/42,B41J2/01,G09F19/22 (71)Name of Applicant: (31) Priority Document No :UD2011A000072

(32) Priority Date :13/05/2011 (33) Name of priority country :Italy

(86) International Application :PCT/IB2012/000929

:11/05/2012 Filing Date

(87) International Publication No: WO 2012/156797

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)DAL COL Alessandro

Address of Applicant: Via Giulia 23 I 34126 Trieste Italy

2)TAVIAN Carlo

3)BATTISTON Giacomo (72)Name of Inventor: 1)DAL COL Alessandro 2)TAVIAN Carlo

3)BATTISTON Giacomo

(57) Abstract:

Device to reproduce images or graphical patterns in general on large surfaces comprising at least a printing system (14) mobile in at least one direction with respect to a support frame (12)» an optical viewing system (100) associated with the support frame (12) and able to recognize the position of the portion of image already executed and to recognize possible reference signs affixed in the step when said portion of image was executed in order to allow the correct positioning of the device so as to execute the adjacent portion of image that has to be executed next.

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

(21) Application No.7344/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: OPTICAL FIBERS WITH TUBULAR OPTICAL CORES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G02B6/02 :61/464476 :05/03/2011 :U.S.A. :PCT/US2012/025344 :16/02/2012 :WO 2012/154246 :NA :NA	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)WINZER Peter J. 2)DOERR Christopher Richard
1 (dillo di		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An embodiment of an apparatus includes an optical fiber for which a complete orthogonal basis of propagating modes at an optical telecommunication frequency includes ones of the propagating modes with different angular momenta. The optical fiber has a tubular optical core and an outer optical cladding in contact with and surrounding the tubular optical core. The tubular optical core has a larger refractive index than the optical cladding. The tubular optical core is configured such that those of the propagating modes whose angular momenta have the lowest magnitude for the propagating modes have substantially the same radial intensity profile.

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

(21) Application No.7345/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: APPARATUS FOR THE DELIVERY OF FLUID PRODUCTS

(51) International classification	:B01F13/10	(71)Name of Applicant:
(31) Priority Document No	:UD2011A000015	1)CPS COLOR EQUIPMENT SPA CON UNICO SOCIO
(32) Priority Date	:03/02/2011	Address of Applicant :Via dellAgricoltura 103 I 41038 San
(33) Name of priority country	:Italy	Felice Sul Panaro Italy
(86) International Application No	:PCT/IB2012/000190	(72)Name of Inventor:
Filing Date	:02/02/2012	1)SOLERA Giuliano
(87) International Publication No	:WO 2012/104723	2)DALLOLIO Daniele
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus (10) for the delivery of fluid products comprising a base (11), a base support (20) associated thereof, a plurality of dispensing units (13) to dispense the fluid products contained in containing receptacles (15). The dispensing units are disposed on a platform (12) rotatable with respect to the base support (20) so as to assume at least a first position in which the fluid products can be delivered from the receptacles (15) toward a container (17). The apparatus also comprises sliding means (101) which allow the rota tion of the platform (12). Rapid connection means (21, 22; 1 10, 1 13) are provided so as to achieve the connection of the base support (20) with the base (11) and/or with the slid ing means (101) in order to achieve a selective stable coupling and to prevent a reciprocal vertical movement.

No. of Pages: 34 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :20/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: APPARATUS FOR THE DELIVERY OF FLUID PRODUCTS

(51) International classification	:B01F13/10	(71)Name of Applicant:
(31) Priority Document No	:UD2011A000014	1)CPS COLOR EQUIPMENT SPA CON UNICO SOCIO
(32) Priority Date	:03/02/2011	Address of Applicant :Via dellAgricoltura 103 41038 San
(33) Name of priority country	:Italy	Felice Sul Panaro Italy
(86) International Application No	:PCT/IB2012/000172	(72)Name of Inventor:
Filing Date	:02/02/2012	1)SOLERA Giuliano
(87) International Publication No	:WO 2012/104716	2)DALLOLIO Daniele
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus for the delivery of fluid products comprising at least a base support (20) a plurality of dispensing units (13) of said fluid products contained in containing receptacles (15) by means of respective dispensing nozzles (49 49a) wherein said dispensing units (13) are disposed on a platform (12) selectively rotatable with respect to said base support (20) in order to dispose at least one of said dispensing units (13) in at least a first position in which said fluid products are suitable to be delivered from said containing receptacles (15) to a container (17) associated with said base support (20) by means of a corresponding pumping device (45) and wherein at least a drive member (43) is disposed on said base support (20) and is suitable to be kinematically connected to one or more pumping devices (45) first rapid connection means (81 82; 65 66) are provided to achieve at least one of either the connection of at least one of said dispensing nozzles (49 49a) with at least one of said dispensing units (13) or the connection between first kinematic connection means (63) suitable to be selectively connected to said drive member (43) and second kinematic connection means (48) connected to said pumping device (45).

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

(21) Application No.7347/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: COMPOSITION COMPRISING PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR GAMMA (PPAR)

(51) International classification :A61K8/02,A61K8/66,A61Q19/06 (71) Name of Applicant :

:WO 2012/117013

(31) Priority Document No :11156450.6

(32) Priority Date :01/03/2011

(33) Name of priority country :EPO (86) International Application

:PCT/EP2012/053414

:29/02/2012 Filing Date

(87) International Publication

(61) Patent of Addition to

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

:NA Number :NA Filing Date

1)MERZ PHARMA GMBH & CO. KGAA

Address of Applicant : Eckenheimer Landstrae 100 60318

Frankfurt/Main Germany (72)Name of Inventor:

1)BARG Heiko 2)POOTH Rainer

(57) Abstract:

An injectable composition comprising peroxisome proliferator-activated receptor-gamma for subcutaneous adminis tration and a method for improving imperfections of the skin, wherein the injectable composition is subcutaneously administered at the area of skin imperfections comprising the steps: a) identifying an area of skin imperfections, b) administering a safe and cosmetically effective amount of the composition subcutaneously to the area of skin imperfections.

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

(21) Application No.7203/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: IC CARD SYSTEM AND DATA COLLECTING METHOD

(51) International (71)Name of Applicant: :G06K19/00,G06K17/00,G06Q10/00 classification 1)HITACHI LTD. (31) Priority Document No Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku :2011065418 (32) Priority Date :24/03/2011 Tokyo 1008280 Japan (33) Name of priority (72)Name of Inventor: :Japan 1)SUZUKI Kei country (86) International 2)AIZONO Toshiko :PCT/JP2012/001085 Application No :20/02/2012 Filing Date (87) International :WO 2012/127773 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

To provide users with services without substantially changing an existing system. Terminals include first terminals in which a first identifier is set and second terminals in which a second identifier is set. When communicating with the first terminal, an IC card receives the first identifier and a date of communication with the first terminal from the first terminal, calculates a first score value indicating a frequency of the communication, and retains first attribute data including the first score value and the first identifier. When communicating with the second terminal, the IC card receives the second identifier and a date of communication with the second terminal from the second terminal, updates the first score value on the basis of the date of communication with the first terminal and the data of communication with the second terminals, calculates a second score value indicating a frequency of the communication, and generates second attribute data including the second score value and the second identifier. When a total number of the first attribute data and the second attribute data exceeds a predetermined number, the IC card compares the updated first score value and the second score value. When the second score value is

No. of Pages: 123 No. of Claims: 16

(21) Application No.7204/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ROOT PREFERRED PROMOTER AND METHODS OF USE

(51) International classification :C12N15/82,C07K14/415,A01H5/00

(31) Priority Document No :61/442930 (32) Priority Date :15/02/2011 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2012/024802

Filing Date :13/02/2012

(87) International Publication: WO 2012/112411

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

(62) Divisional to
Application Number
Filing Date
: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. (72)Name of Inventor : 1)DIEHN Scott

2)PETERSON BURCH Brooke

(57) Abstract:

The present invention provides compositions and methods for regulating expression of heterologous nucleotide sequences in a plant. Compositions include a novel nucleotide sequence for a promoter for the gene encoding Sorghum bicolor RCc3. A method for expressing a heterologous nucleotide sequence in a plant using the promoter sequences disclosed herein is provided. The method comprises transforming a plant or plant cell with a nucleotide sequence operably linked to one of the promoters of the present invention.

No. of Pages: 39 No. of Claims: 20

(21) Application No.7205/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: MOUTHRINSE COMPOSITION

(51) International classification (31) Priority Document No	1 :A61K8/21,A61K8/73,A61Q11/00 :NA	(71)Name of Applicant: 1)GABA International Holding AG
(32) Priority Date	:NA	Address of Applicant :Grabetsmattweg CH 4106 Therwil
(33) Name of priority country	:NA	Switzerland
(86) International Application	:PCT/EP2011/052474	(72)Name of Inventor:
No	:18/02/2011	1)MOYA ARGILAGOS Dally
Filing Date		2)SCHEFFEL Cornelia
(87) International Publication	:WO 2012/110107	3)MATUR Turan
No		4)BRUNELLA Andre
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date (62) Divisional to Application		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A mouthrinse containing chitosan or pharmaceutically acceptable acid addition salt thereof with fluoride ions for use against erosive tooth demineralization and kits containing chitosan or pharmaceutically acceptable acid addition salt thereof with fluoride ions wherein one of the two active agents is comprised in a mouthrinse are described. The mouthrinse may furthermore comprise dissolved tin in particular stannous ions. Mouthrinses containing chitosan or pharmaceutically acceptable acid addition salt thereof with fluoride ions are tested in the treatment or prevention of erosive tooth demineralisation caused by citric acid.

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

(19) INDIA

(22) Date of filing of Application :29/10/2013

(21) Application No.9318/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: COMMAND AND ALERT DEVICE

(51) International classification :F16J15/10,F16J15/12,F16J15/32 (71)Name of Applicant:

:20/06/2012

(31) Priority Document No :10 2011 078 639.2 (32) Priority Date :05/07/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/061865

No Filing Date

(87) International Publication No:WO 2013/004501

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 M¹/₄nchen

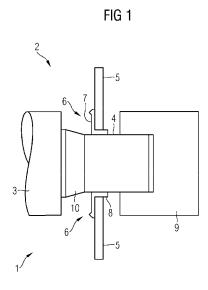
Germany

(72)Name of Inventor:

1)BAUMANN Michael

(57) Abstract:

The invention relates to a command and alert device (1) which comprises an actuator (2) having a tubular body (3) wherein the tubular body (4) is guided through a front plate (5) and a seal is arranged between the tubular body (4) and the front plate (5). The invention is characterized in that the seal is a sealing element (6) which is composed of several components.



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

(21) Application No.9738/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/11/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ELECTRODE PASTE COMPOSITION SOLAR CELL ELEMENT AND SOLAR CELL

(51) International classification(31) Priority Document No	:H01L31/04,H01B1/20,H01B1/22 :2011090520	1)Hitachi Chemical Company Ltd.
(32) Priority Date	:14/04/2011	Address of Applicant :9 2 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1006606 Japan
(86) International Application	:PCT/JP2011/060471	(72)Name of Inventor:
No	:28/04/2011	1)ADACHI Shuuichirou
Filing Date	.20/01/2011	2)YOSHIDA Masato
(87) International Publication	:WO 2012/140786	3)NOJIRI Takeshi
No		4)IWAMURO Mitsunori
(61) Patent of Addition to	:NA	5)KIZAWA Keiko
Application Number	:NA	6)AOYAGI Takuya
Filing Date		7)YAMAMOTO Hiroki
(62) Divisional to Application	:NA	8)NAITO Takashi
Number	:NA	9)KATO Takahiko
Filing Date		

(57) Abstract:

The present invention provides a paste composition for an electrode, the paste composition including a phosphorus-containing copper alloy particle, a tin-containing particle, a glass particle, a solvent and a resin. The present invention also provides a photovoltaic cell element having an electrode formed from the paste composition, and a photovoltaic cell.

No. of Pages: 51 No. of Claims: 12

(21) Application No.7683/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: CONTROL DEVICE OF HYBRID VEHICLE

(51) International :B60W10/06,B60K6/36,B60K6/445 classification

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

(33) Name of priority country: NA

(86) International Application :PCT/JP2013/052764

:06/02/2013 Filing Date

(87) International Publication :WO 2014/122744

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)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

(72)Name of Inventor:

1)KANAYAMA Takeshi 2)WATANABE Masato 3)SUENAGA Shinichiro

(57) Abstract:

Provided is a device that can suppress torsional resonance at engine startup in a hybrid vehicle having a damper device provided to a power transmission path between an engine and an electric motor. A plurality of resonance frequencies (f) relative to engine speed (Ne) are provided at a torsional angle in the negative direction of a damper device (38) and when the engine is started up the electric motor torque (Tml) is controlled to switch the resonance frequencies (f) while the engine speed (Ne) is increasing whereby matching of the engine speed (Ne) to a speed corresponding to the resonance frequency (f) can be avoided. Therefore torsional resonance during engine startup is avoided and drivability can be improved.

No. of Pages: 35 No. of Claims: 5

(21) Application No.9686/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/11/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MULITLAYER PLASTIC TUBE

:NA

(51) International classification	n:B32B1/08,B32B27/08,B65D35/08	(71)Name of Applicant:
(31) Priority Document No	:61/485615	1)MACRO ENGINEERING & TECHNOLOGY INC.
(32) Priority Date	:12/05/2011	Address of Applicant :199 Traders Boulevard East
(33) Name of priority country	:U.S.A.	Mississauga Ontario L4Z 2E5 Canada
(86) International Application	:PCT/CA2012/000447	(72)Name of Inventor:
No	:10/05/2012	1)PLANETA Miroslav
Filing Date	.10/03/2012	
(87) International Publication	:WO 2012/151679	
No	. WO 2012/1310/9	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	.11/A	

(57) Abstract:

Filing Date

Packaging containing a PVDC barrier layer is manufactured without any significant orientation with the result that the PVDC barrier layer remains flexible at significantly greater thicknesses than when it is oriented. This increased thickness compensates for the reduced barrier properties resulting from less crystallinity of the PVDC and hence multilayer plastic tubing can be manufactured in which PVDC is used as a barrier layer instead of aluminum.

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

(21) Application No.9689/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/11/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: IMPROVED POLYMERIC COMPOSITION FOR CEMENT BASED SUBSTRUCTURES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B32B27/30 :61/518357 :04/05/2011 :U.S.A. :PCT/US2012/000231 :02/05/2012 :WO 2012/150967 :NA :NA :NA	(71)Name of Applicant: 1)UNISEAL SOLUTIONS INC. Address of Applicant:66 Murray Place York PA 17403 U.S.A. (72)Name of Inventor: 1)LEAMAN Michael Ray
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------

(57) Abstract:

The present invention is directed to a composition capable of inhibiting moisture vapor emission from concrete structures and enhancing adhesion of a finish material to the concrete structure comprising an aqueous mixture of a first copolymer of mer units formed from vinylidene halide and a C1 C2 alkyl acrylate with a second copolymer of mer units formed from vinylidene halide and a C4 CS alkyl acrylate and to the method of forming a moisture barrier/adhesion promoter coating on concrete comprising applying from 2.8 to 5.6 liters (0.75 to 1.5 gallons) of an aqueous carrier having from 10 to 50 weight percent of the mixture of copolymers stated above per 14 m2 (150 square feet) of the free surface of a concrete structure.

No. of Pages: 23 No. of Claims: 16

(21) Application No.9740/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: COMPOSITIONS AND METHODS FOR DETECTING AND IDENTIFYING NUCLEIC ACID SEQUENCES IN BIOLOGICAL SAMPLES

(51) International :C40B30/04,C07H1/08,G01N33/53

classification

(31) Priority Document No :13/094809 (32) Priority Date :26/04/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/035253

No :26/04/2012 Filing Date

(87) International Publication

:WO 2012/149188

(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)LONGHORN VACCINES AND DIAGNOSTICS LLC

Address of Applicant :4520 East west Highway Suite 640

Bethesda MD 20814 U.S.A. (72)Name of Inventor:

1)FISCHER Gerald W. 2)DAUM Luke T.

(57) Abstract:

The invention is directed to compositions and methods for isolating detecting amplifying and quantitating pathogen specific nucleic acids in a biological sample. The invention also provides diagnostic kits containing specific amplification primers and labeled detection probes that specifically bind to the amplification products obtained therefrom. Also disclosed are compositions and methods for the isolation and characterization of nucleic acids that are specific to one or more pathogens including for example Influenza virus and Mycobacterium tuberculosis from a wide variety of samples including those of biological environmental clinical and/or veterinary origin.

No. of Pages: 86 No. of Claims: 34

(21) Application No.9741/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: POLYSILOXANE POLYORGANO BLOCK COPOLYMERS

(51) International classification :C08G77/14,C08G77/448,C08G64/18

(31) Priority Document No :61/486994 (32) Priority Date :17/05/2011 (33) Name of priority

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

(86) International Application No :PCT/US2012/038095

Filing Date :16/05/2012

(87) International Publication No :WO 2012/158767

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

(71)Name of Applicant:

1)MOMENTIVE PERFORMANCE MATERIALS GMBH

Address of Applicant : Kaiser wilhelm allee Gebaeude V7

51368 Leverkusen Germany

(72)Name of Inventor:

1)HUGGINS John M. 2)EVERSHEIM Hubertus

(57) Abstract:

Disclosed herein is a process for the production of a polysiloxane polyorgano block copolymer. The process includes reacting a reaction mixture containing (a) an ester functional polydiorganosiloxane and (b) a bisphenolic compound or a bisphenolic compound oligomer. This process has the advantage of yielding block copolymers with controlled block structures and avoiding the impurities that may be carried over from the conventional hydroxyaryloxy terminated polydiorganosiloxanes. Also disclosed are ester functional polysiloxanes and polysiloxane polyorgano block copolymers prepared by the process of the invention. These copolymers exhibit advantageous properties such as improved low temperature properties improved rheological properties during molding improved clarity chemical scratch resistance and improved electrical insulation properties.

No. of Pages: 28 No. of Claims: 23

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: POLYMER COMPOSITIONS FOR ROTATIONAL MOLDING APPLICATIONS

		(71)Name of Applicant:
(51) International classification	:C08L23/08	1)CHEVRON PHILLIPS CHEMICAL COMPANY LP
(31) Priority Document No	:13/031451	Address of Applicant :10001 Six Pines Drive The Woodlands
(32) Priority Date	:21/02/2011	Texas 77380 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/025919	1)BUCK Richard M
Filing Date	:21/02/2012	2)MASINO Albert P.
(87) International Publication No	:WO 2012/115951	3)YANG Qing
(61) Patent of Addition to Application	:NA	4)DESLAURIERS Paul J
Number	:NA	5)SECORA Steven J
Filing Date	.11/11	6)LANIER Elizabeth M
(62) Divisional to Application Number	:NA	7)ST JEAN Guylaine
Filing Date	:NA	8)RATZLAFF Jon D
		9)WITTNER Christopher E

(57) Abstract:

A polymer having a density of from about 0.94 g/cm to about 0.96 g/cm and a primary structure parameter 2 (PSP2 value) of greater than about 8.5 wherein an article formed from the polymer has an environmental stress crack resistance of equal to or greater than about 1000 hours when measured in accordance with ASTM D 1693 condition A. A polymer having at least one lower molecular weight component and at least one higher molecular weight component and having a PSP2 value of equal to or greater than about 8.5 wherein an article formed from the polymer has an environmental stress crack resistance of greater than about 1000 hours when measured in accordance with ASTM D 1693 condition A.

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

(21) Application No.7339/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: LDAP OPERATION FOR MULTIPLE DIRECTORY ENTRIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L29/12 :NA :NA :NA :PCT/EP2011/053811 :14/03/2011 :WO 2012/123016	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)BARTOLOM‰ RODRIGO Maria Cruz
	:NA	
(86) International Application No	:PCT/EP2011/053811	1)BARTOLOM‰ RODRIGO Maria Cruz
Filing Date	:14/03/2011	
(87) International Publication No	:WO 2012/123016	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 17 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to a first aspect of the present invention there is provided a method of operating a Lightweight Directory Access Protocol LDAP directory client. The method comprises when it is required that an LDAP operation be performed for multiple directory entries generating a message requesting the LDAP operation the message specifying how the distinguished name of each of the multiple entries can be determined and sending the request message to a LDAP directory server.

No. of Pages: 35 No. of Claims: 24

(21) Application No.7340/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: METHODS OF PURIFYING HYDROPHOBIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07K1/00 :61/475933 :15/04/2011 :U.S.A. :PCT/US2012/033728 :16/04/2012 :WO 2012/142557 :NA :NA	(71)Name of Applicant: 1)DANISCO US INC. Address of Applicant: 925 Page Mill Road Palo Alto CA 94304 U.S.A. (72)Name of Inventor: 1)SCHELLE Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a recovery and/or purification process of hydrophobins involving organic solvents and does not require separation techniques. In particular the invention relates to a method for selective alcohol precipitation of hydrophobin II.

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

(21) Application No.8857/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/10/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: FORMULATION COMPONENT

(51) International :A01P3/00,A01N25/00,A01N37/10 classification

(31) Priority Document No :1107039.8 (32) Priority Date :26/04/2011

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

(86) International Application :PCT/GB2012/000341

:13/04/2012 Filing Date

(87) International Publication :WO 2012/146889

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)SYNGENTA LIMITED

Address of Applicant : European Regional Centre Priestlev Road Surrey Research Park Guildford Surrey GU2 7YH U.K.

(72)Name of Inventor: 1)BELL Gordon Alastair 2)RAMSAY Julia Lynne 3)MOLINA Raul Minguez

4)STOCK David

5)WALTER Gary Charles

(57) Abstract:

This invention relates to the use of aromatic esters as adjuvants in compositions particularly for agrochemical use as well to compositions comprising such an aromatic ester in combination with at least one agrochemical and at least one surfactant. The invention further extends to methods of making and using such compositions. In particular the present invention relates to such compositions when formulated as or comprised by an emulsion concentrate (EC) an emulsion in water (EW) a suspension of particles in water (SC) a microcapsule formulation (CS) a suspension of particles with an emulsion (SE) a dispersion concentrate (DC) or an oil suspension (OD).

No. of Pages: 53 No. of Claims: 25

(21) Application No.8996/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/10/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: MULTILAYER PACKAGING STRUCTURE

:13/04/2012

(51) International classification :B32B1/02,B32B7/02,B29C45/00 (71)Name of Applicant:

(31) Priority Document No :11162559.6 (32) Priority Date :15/04/2011

(33) Name of priority country :EPO

(86) International Application :PCT/IB2012/051816 No

Filing Date

(87) International Publication :WO 2012/140602

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)AISAPACK HOLDING S.A.

Address of Applicant :rue de la Praise CH 1896 Vouvry

Switzerland

(72)Name of Inventor:

1)MATHIEU Stphane 2)PELLISSIER Joachim

(57) Abstract:

The invention relates to a multilayer structure produced by moulding and intended to form at least one part of the packaging wall, said structure comprising an oxygen barrier layer, referred to as a passive layer, composed of a resin that is a barrier to oxygen, and another layer, referred to as to an active layer, composed of at least one resin that is permable to oxygen and in which oxygen absorbers are dispersed. The invention also relates to packaging comprising said multilayer structure.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS FOR ACETIC ACID REMOVAL FROM PRETREATED BIOMASS

(51) International classification :C12P7/10,B01D61/02 (71)Name of Applicant : (31) Priority Document No :TO2011A000441

(32) Priority Date :18/05/2011

(33) Name of priority country :Italy

(86) International Application No :PCT/IB2012/052490 Filing Date :17/05/2012

(87) International Publication No :WO 2012/156941

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

1)BETA RENEWABLES S.p.A.

(21) Application No.9753/DELNP/2013 A

Address of Applicant: Strada Ribrocca 11 I 15057 TORTONA

(Alessandria) Italy

(72)Name of Inventor: 1)FERRERO Simone 2)CORBELLANI Paolo

(57) Abstract:

(19) INDIA

The process for treating a ligno cellulosic biomass feed stream comprised of solids C5 s C6 s lignin and water comprises the steps of: pretreating the ligno cellulosic biomass feed stream by contacting the ligno cellulosic biomass with water in the temperature range of 40 to 210 °C to create a pre treated ligno celluosic biomass comprised of a pre treatment ligno cellulosic biomass liquid comprised of suspended solids C5 s C6 s and acetic acid wherein the ratio of the C6 s to C5 s is less than 0.8 to 1.0 and a pre treated ligno cellulosic biomass solids; separating a portion of the pre treatment ligno cellulosic biomass liquid from the pre treated ligno cellulosic biomass feed stream; separating a portion of the suspended solids from the pre treatment ligno cellulosic biomass liquid using filters centrifuge or combination thereof to create a clarified liquid stream and nano filtering a portion of the clarified liquid stream to create a nano filtered permeate stream comprised of acetic acid and water and a nano filtered retentate stream comprised of C5 s C6 s acetic acid and water wherein the ratio of acetic acid to the total amount of C5 s C6 s in the clarified liquid stream is greater than the ratio of the acetic acid to the total amount of C5 s C6 s in the nano filtered retentate.

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

(21) Application No.7316/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHODS OF USING ALK INHIBITORS

(51) International :A61K31/00,A61K31/506,A61P35/00

:02/02/2011

classification

(31) Priority Document No :61/438878

(32) Priority Date (33) Name of priority

:U.S.A.

country

(86) International :PCT/US2012/023669 Application No

Filing Date

:02/02/2012

(87) International

:WO 2012/106540 Publication No

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

:NA :NA

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

Filing Date

:NA :NA (71)Name of Applicant:

1)IRM LLC

Address of Applicant: 131 Front Street P.O. Box HM 2899

Hamilton HM LX Bermuda (72)Name of Inventor:

1)LI Nanxin

2)HARRIS Jennifer L. 3)McNAMARA Peter

4)SUN Fangxian

(57) Abstract:

THE INVENTION PROVIDES METHODS FOR USING COMPOUNDS O F FORMULA (I) FOR TREATING A N EML4-ALK + MEDIATED CONDITION SUCH A SEML4-ALK + NON-SMALL CELL LUNG CANCER, AND OPTIONALLY RESISTANT T O CRIZOTINIB; WHEREIN R 1, R 2, R 3, R 4, R 5 AND R 6 ARE A S DEFINED ABOVE.

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

(21) Application No.7317/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: OPTICAL FIBER ORGANIZER WITH TRAYS MOUNTED ON PIVOTING SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B6/44 :11154906.9 :17/02/2011 :EPO :PCT/EP2012/052405 :13/02/2012 :WO 2012/110452 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS RAYCHEM BVBA Address of Applicant: Diestsesteenweg 692 B 3010 Kessel Lo Belgium (72)Name of Inventor: 1)CLAESSENS Bart Mattie 2)GELING Bernardus Johnny Nicolaas 3)BRYON Roel Modest Willy 4)VASTMANS Kristof
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(57) Abstract:

The present invention relates to an optical fiber organizer (1) comprising at least one fiber storage means (4, 10, 19), a first support (3) for supporting the storage means, whereby the storage means (4, 10, 19) are rotatable connected to the first support (3), a second support (2) with at least one cable termination retention means for secur ing an incoming or outgoing cable having at least one optical fiber, characterized by the first support (3) being rotatably connected to the second support (2).

No. of Pages: 24 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD FOR PRODUCTION OF ALLOYED TITANIUM WELDING WIRE

(51) International classification: C22C14/00,B22F3/16,B23K35/32 (71) Name of Applicant:

:21/03/2012

(31) Priority Document No :1104764.4 (32) Priority Date :22/03/2011

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

(86) International Application :PCT/IB2012/051346

Filing Date

(87) International Publication :WO 2012/127426

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

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

1)NORSK TITANIUM COMPONENTS AS

Address of Applicant: Sommerrogaten 13 15 N 0255 Oslo

(72)Name of Inventor:

1)JENSRUD Ola 2)KOLBU Arne

3)GULBRANDSEN DAHL Sverre

4)DRING Kevin

(57) Abstract:

This invention relates to a method for producing a weldable titanium alloy and/or composite wire by cold compaction, extrusion and rolling of a blended mixture of titamum sponge and alloying additions and/or reinforcing particles, where the method comprises the following successive process steps: a) forming a green object by; - blending particulates of titanium sponge with a particle diameter in the range from 0.5 to 10 mm with one or more powdered alloying additions with particle size in the range from 50- 250 mp., -cold compacting the blended mixture and subjecting the blended mixture including lubricant to a pressure in the range from 750 to 1250 MPa, b) forming a work body of alloyed titanium by; - heating the green object in a protected atmosphere up to a temperature in the range from 1000 to 1250 °C and holding the temperature for a period of at least 4 hours, and then - hot work - ing the green object at a temperature of less than 200 °C apart from the beta transition temperature of the titanium alloy and shaping the green object to obtain an elongated profile, and c) forming the welding wire by: - rolling the elongated profile body placing the work body in a rolling mill with one or more rolls placed in series to form the weldable wire with the desired diameter.

No. of Pages: 22 No. of Claims: 12

(21) Application No.7319/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ELECTRODE FOIL CURRENT COLLECTOR ELECTRODE AND ENERGY STORAGE ELEMENT **USING SAME**

(51) International

:H01G9/04,H01G9/042,H01G9/055

classification (31) Priority Document No

:2011034803

(32) Priority Date

:21/02/2011

(33) Name of priority country: Japan

(86) International Application

:PCT/JP2012/054000

No

Filing Date

:20/02/2012

(87) International Publication :WO 2012/115050

(61) Patent of Addition to :NA

Application Number Filing Date

:NA

(62) Divisional to Application :NA

Number Filing Date

:NA

(57) Abstract:

(71)Name of Applicant:

1)JAPAN CAPACITOR INDUSTRIAL CO. LTD.

Address of Applicant: 23 1 Musashinodai 1 chome Fussa shi

Tokyo 1970013 Japan (72)Name of Inventor:

1)YOSHIMURA Mitsuo

2)YOSHIOKA Koji

This negative electrode foil for a solid electrolyte capacitor: increases capacitance reduces ESR and leakage current improves heat resistance and reduces manufacturing costs; and improves the power density achieves rapid charging/discharging and improves the lifespan characteristics of energy storage elements such as rechargeable batteries electric double layer capacitors and hybrid capacitors. The negative electrode foil or a current collector is used which: is obtained by forming a metal layer a mixed layer obtained by mixing a material constituting the metal layer with carbon and a carbon layer substantially comprising carbon on a metal foil; and is configured in such a manner as to change as the components of the mixed layer change from a component containing only the material substantially constituting the metal layer to a component substantially containing only carbon and from the metal layer to the carbon layer.

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

(21) Application No.8154/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/09/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: TUBULAR INSERT FOR EXTRA CORPOREAL CIRCUIT

(51) International :A61M5/142,A61M1/10,F04B43/12 classification

(31) Priority Document No :11425110.1

(32) Priority Date :21/04/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/057144

:19/04/2012 Filing Date

(87) International Publication :WO 2012/143432

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)SIS TER S.p.A.

Address of Applicant : Via Crema 8 I 26020 Palazzo Pignano

(CR) Italy

(72)Name of Inventor: 1)FINI Massimo 2) REITER Reinhold

(57) Abstract:

The present invention relates to a novel type of tubular insert 28 for connecting an extra corporeal circuit 26 to a peristaltic pump 22. This tubular insert 28 comprises a loop 32 formed by a tube portion 20; the loop 32 comprises a curve 38 which extends around an axis. The tube 20 which forms the curve 38 has an oval cross section with a major axis and a minor axis perpendicular to each other where the major axis is longer than the minor axis. Finally in the tubular insert 28 according to the invention the minor axis of each cross section of the tube 20 along the curve 38 is parallel to the axis The invention further relates to a method for producing the tubular insert 28 and to a peristaltic pump 22 suitable for operating with tubular inserts according both to the invention and to the prior art.

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

(19) INDIA

(22) Date of filing of Application: 18/09/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: VEHICLE WITH A SAFETY SYSTEM INVOLVING PREDICTION OF DRIVER TIREDNESS

(51) International :B60W40/08,B60K28/06,B60W50/06 classification

(31) Priority Document No :11503455 (32) Priority Date :20/04/2011

(33) Name of priority :Sweden

country (86) International

:PCT/SE2012/050409 Application No

:16/04/2012 Filing Date

(87) International

:WO 2012/144948 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)SCANIA CV AB

Address of Applicant: SE 151 87 Sdertlje Sweden

(72)Name of Inventor: 1)KOLLEGGER Peter 2)CLAEZON Fredrich 3)FRID Alexandra 4)...STR-M Fredrik

(57) Abstract:

A vehicle (2) comprising a tachograph (4) adapted to generate a tachograph signal (6) containing information about current clock time and the times of the vehicle's movements a driver's card input unit (8) adapted to generate a driver's card signal (10) containing information about driving and rest times for the driver and preferably a monitoring system(12) for monitoring of driver activity which is adapted to generate an alertness signal (14) containing information about the driver's activity in the vehicle. The vehicle further comprises one or more driver support systems (16) e.g. a Lane Departure Warning system and an Automatic Emergency Brake system. The vehicle also comprises a safety system(18) comprising a control unit (20) and an alertness modelling unit (22) adapted to calculate a current tiredness value (KSS) and predicted tiredness values(KSS) for the driver over a predetermined future period of time using an alertness model (e.g. sleep/wake predictor SWP) based on said tachograph signal (6) and/or driver s card signal(10) and preferablysaid alertness signal (14) said calculated current and predicted tiredness values being arranged for conveying to said control unit (20) which is adapted to determine control signals (24) for the vehicle's driver support systems on the basis of said tiredness values.

No. of Pages: 21 No. of Claims: 24

(21) Application No.7963/DELNP/2013 A

1)MITSUI CHEMICALS INC.

(19) INDIA

(22) Date of filing of Application :11/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NONWOVEN LAMINATE

(51) International classification :B32B5/26,D01F8/06,D01F8/14 (71)Name of Applicant:

:NA

(31) Priority Document No :2011029918 (32) Priority Date :15/02/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/053579
Filing Date :15/02/2012

(87) International Publication No :WO 2012/111724

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

Number

ku Tokyo 1057117 Japan (72)Name of Inventor: 1)ICHIKAWA Taro 2)KAWABE Kuniaki

Address of Applicant: 5 2 Higashi Shimbashi 1 chome Minato

(57) Abstract:

Filing Date

An object of the present invention is to obtain a nonwoven laminate that can be disinfected by electron beams and the like and that has excellent tensile strength barrier performance low temperature sealability and pliability. The invention provides a nonwoven laminate characterized in that a spunbond nonwoven produced from composite fibers formed from polyester (x) and ethylene polymer (y) such that at least a portion of the fiber surface is ethylene polymer (y) is laminated on at least one surface of melt blown nonwoven (A) produced from fibers of an ethylenic polymer composition of ethylenic polymer (a) and ethylenic polymer wax (b).

No. of Pages: 58 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :25/10/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : HEAT RAY SHIELDING FILM AND METHOD FOR MANUFACTURING THE SAME AND HEAT RAY SHIELDING LAMINATED TRANSPARENT BASE MATERIAL

(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 	:12/04/2012 :WO 2012/140898 :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO METAL MINING CO. LTD. Address of Applicant:11 3 Shimbashi 5 chome Minato ku Tokyo 1058716 Japan (72)Name of Inventor: 1)FUJITA Kenichi 2)KOBAYASHI Hiroshi
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(57) Abstract:

To provide a heat-ray shielding film mainly composed of polyvinyl acetal resin and a method for manufacturing the same capable of exhibiting excellent optical characteristics and high weather resistance by using composite tungsten oxide fine particles having a high heat-ray shielding effect, and a heat-ray shielding laminated transparent base material using the heat-ray shielding film, the heat-ray shielding film containing fine particles having a heat-ray shielding function, polyvinyl acetal resin, and a plasticizer, wherein the fine particles having the heat-ray shielding function is expressed by a general formula MyWOz (wherein M is one kind or more elements selected from a group consisting of Cs, Rb, K, Tl, In, Ba, Li, Ca, Sr, Fe, Sn, Al, and Cu, satisfying $0.1 \le y \le 0.5$, $0.1 \le 0.5$,

No. of Pages: 32 No. of Claims: 9

(21) Application No.9293/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/10/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHODS AND ARRANGEMENTS IN A NETWORK NODE

(51) International classification(31) Priority Document No(32) Priority Date	:H04W36/26,H04W36/30,H04W28/22 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor:
(33) Name of priority country	:NA	1)BOGDAN Timus
(86) International Application No Filing Date	:PCT/SE2011/050569 :06/05/2011	
(87) International Publication No	:WO 2012/154088	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method and arrangement in a first network node (220 1) which is serving a user equipment (210) for determining if a handover of the user equipment (210) is to be made to a second network node (220 2). The first network node (220 1) and the second network node (220 2) are configured for wireless communication with each other over a backhaul link (230) in half duplex communication mode. The method comprises obtaining (601) an estimation of data rate performance over the backhaul link (230) and determining (604) to handover the user equipment (210) to the second network node (220 2) based on the obtained (601) estimation of the data rate performance over the backhaul link (230).

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

(21) Application No.7702/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/09/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: LAMINATED MATERIAL SUITABLE FOR FORMING CONTAINERS

(51) International :B32B15/085,B65D65/40,B65D35/02 classification

(31) Priority Document No :11305162.7 (32) Priority Date :16/02/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/052727 Application No

:16/02/2012 Filing Date

(87) International

:WO 2012/110622 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71)Name of Applicant: 1)ALBEA SERVICES

Address of Applicant :ZAC des Barbanniers 1avenue du Gnral

de Gaulle Le Signac F 92230 Gennevilliers France

(72)Name of Inventor: 1)MAURICE Thierry

2)SUTER John

3)MISKEVICH Robert

(57) Abstract:

Filing Date

A laminated material for forming a flexible container for holding a hair dye or the like the laminated material having a first surface which in use forms the internal surface of the container and a second surface which in use forms the external surface of the container the laminated material comprising an inner layer an outer layer and an intermediate metal foil barrier layer wherein the inner layer is on the first surface side of the metal foil barrier layer and wherein the outer layer is on the second surface side of the metal foil barrier layer wherein the laminated material has a total thickness of at most 240 µm and wherein the inner layer comprises polyethylene and has a mean density of 0.92 to 0.94g/cm³.

No. of Pages: 18 No. of Claims: 15

(21) Application No.8533/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/10/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: FORMULATIONS WITH REDUCED VISCOSITY

(51) International classification	:C40B30/06,A61K39/00	(71)Name of Applicant:
(31) Priority Document No	:61/473123	1)GLAXOSMITHKLINE LLC
(32) Priority Date	:07/04/2011	Address of Applicant :One Franklin Plaza 200 North 16th
(33) Name of priority country	:U.S.A.	Street Philadelphia PA 19102 U.S.A.
(86) International Application No	:PCT/US2012/032464	(72)Name of Inventor:
Filing Date	:06/04/2012	1)MONCK Myrna A.
(87) International Publication No	:WO 2012/141978	2)WONG Man Yi
(61) Patent of Addition to Application	:NA	3)ZHANG Kai
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed to a method for reducing the viscosity of a formulation containing acetate and a therapeutic protein and formulations made using the claimed method.

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

(21) Application No.7255/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: HIGH TEMPERATURE PLATFORMING PROCESS

(51) International classification :C10G61/02,C10G59/02,C10G35/04

(31) Priority Document No :61/480695 (32) Priority Date :29/04/2011

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

(86) International PCT/US2012/034605
Application No

Filing Date :23/04/2012

(87) International Publication :WO 2012/148829

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)UOP LLC

Address of Applicant :25 East Algonquin Road P. O. Box

5017 Des Plaines IL 60017 5017 U.S.A.

(72)Name of Inventor:

1)MOSER Mark D.

2)SADLER Clayton C. 3)LAPINSKI Mark P.

4)VANDEN BUSSCHE Kurt M.

(57) Abstract:

A process for reforming a hydrocarbon stream is presented. The process involves increasing the processing temperatures in the reformers. The reformers are operated under different conditions to utilize advantages in the equilibriums but require modifications to prevent increasing thermal cracking and to prevent increases in coking. The process utilizes a common catalyst and common downstream processes for recovering the desired aromatic compounds generated.

No. of Pages: 25 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :13/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: HYDROPROCESSING METHODS UTILIZING CARBON OXIDE TOLERANT 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 	:21/03/2012 :WO 2012/129257	(71)Name of Applicant: 1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Address of Applicant: 1545 Route 22 East P.O. Box 900 Annandale NJ 08801 0900 U.S.A. (72)Name of Inventor: 1)ROSS April Denise 2)HALBERT Thomas Risher
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention includes a hydro treating method for increased CO content comprising: contacting an olefinic naphtha feedstream with a hydrogen containing treat gas stream and a hydrotreating catalyst in a reactor under hydrotreating conditions sufficient to at least partially hydrodesulfurize and/or hydrodenitrogenate the feedstream wherein the feedstream and the hydrogen containing treat gas stream collectively have greater than 10 vppm CO content and/or wherein the reactor inlet sees an average CO concentration of greater than 10 vppm wherein the hydrotreating catalyst comprises a catalyst having cobalt and molybdenum disposed on a silica based support and wherein the hydrotreating conditions are selected such that the catalyst has a relative HDS activity at least 10% greater than an identical catalyst under identical conditions except for a collective CO content of the feedstream and/or hydrogen containing treat gas being <10 vppm and/or a reactor inlet CO content <10 vppm.

No. of Pages: 27 No. of Claims: 35

(21) Application No.7301/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PIPE UNIT IN A CONDUIT FOR A GASEOUS MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16L27/08 :11501939 :03/03/2011 :Sweden :PCT/SE2012/050215 :27/02/2012 :WO 2012/118431 :NA	(71)Name of Applicant: 1)SCANIA CV AB Address of Applicant: S 151 87 Sdertlje Sweden (72)Name of Inventor: 1)HAMBERG Stefan
(61) Patent of Addition to Application		
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a pipe unit (3) in a pipeline (1) for a gaseous medium. The pipe unit (3) comprises a tubular body (11) with two end portions and a contact surface (11b 11c) which is close to at least one of said end portions and is adapted to being placed in contact with a contact surface (2a 4a) of an adjoining pipe (2 4) in the pipeline (1). Said contact surfaces (2a 4a 1 lb 11c) are so configured that the pipe unit (3) in a connected state has mobility relative to the adjoining pipe (2 4). The pipe unit (3) comprises a tubular flexible sealing means (8 10) which at a first end (8a 10a) is firmly attached to the tubular body (1) and at a second end has a flange element (8b 10b) which is detachably connectable to a flange element (2b 4b) of the adjoining pipe (2 4) by a connecting means (7 9).

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

(19) INDIA

(43) Publication Date: 23/01/2015

(21) Application No.7302/DELNP/2013 A

(22) Date of filing of Application :19/08/2013

(54) Title of the invention: STEERING DEVICE FOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:03/02/2012 :WO 2012/111453 :NA :NA	(71)Name of Applicant: 1)JTEKT CORPORATION Address of Applicant: 5 8 Minamisemba 3 chome Chuo ku Osaka shi Osaka 5428502 Japan (72)Name of Inventor: 1)TSUTSUI Teruo 2)TANIOKA Yasuhiro
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A steering device (11) for a vehicle wherein an affixation bracket (25) includes: a first bracket (31) having an affixation plate section (32) affixed to a mounting stay (20); and a second bracket (41) integral with the first bracket (31) the second bracket (41) tiltably supporting a steering column (14) and having a tilt function. In the portion of the affixation bracket (25) which straddles the steering column (14) in the width direction of the vehicle the connection plate section (33) of the first bracket (31) and the connection plate section (46) of the second bracket (41) are arranged side by side along the axis of the steering column (14) so as to be flush with each other.

No. of Pages: 25 No. of Claims: 4

(21) Application No.7303/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SOLID SUPPORT AND METHOD OF ENHANCING THE RECOVERY OF BIOLOGICAL MATERIAL THEREFROM

(51) International :G01N33/96,G01N33/543,G01N33/544

:U.K.

:24/02/2012

classification

(31) Priority Document :1103258.8

(32) Priority Date :25/02/2011

(33) Name of priority country

(86) International :PCT/EP2012/053163

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

:WO 2012/113906

Filing Date

(71)Name of Applicant:

1)GE HEALTHCARE UK LIMITED

Address of Applicant : Amersham Place Little Chalfont

Buckinghamshire HP7 9NA U.K.

(72)Name of Inventor:

1)HORTON Jeffrey Kenneth 2)TATNELL Peter James

3)STUBBS Simon Laurence John

(57) Abstract:

The present invention relates to solid supports that are used for the storage and further processing of biological materials. The invention is particularly concerned with solid supports which have at least one surface coated with a chemical that enhances the recovery of the biological material from the support. Methods of preparing and using the solid supports are also described.

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

(21) Application No.7304/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PAPER SUPPORT AND METHOD OF RECOVERING BIOLOGICAL MATERIAL THEREFROM

(51) International :G01N33/96,G01N33/543,G01N33/544 classification

(31) Priority Document :1103257.0

(32) Priority Date :25/02/2011

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

(86) International :PCT/EP2012/053164 Application No

:24/02/2012 Filing Date

(87) International :WO 2012/113907 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)GE HEALTHCARE UK LIMITED

Address of Applicant : Amersham Place Little Chalfont

Buckinghamshire HP7 9NA U.K.

(72)Name of Inventor:

1)HORTON Jeffrey Kenneth 2)TATNELL Peter James

3)STUBBS Simon Laurence John

(57) Abstract:

The present invention relates to paper supports for neonatal screening that are used for the storage and further pro - o cessing of biological materials. The invention is particularly concerned with paper supports which have at least one surface coated with a chemical that enhances the recovery of the biological material from the support. Methods of preparing and using the paper supports are also described.

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

(21) Application No.9742/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ENCLOSED PHOTOBIOREACTOR FOR CULTURE OF PHOTOSYNTHETIC MICROORGANISMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12M1/00 :1153924 :06/05/2011 :France :PCT/EP2012/058072 :03/05/2012 :WO 2012/152637 :NA :NA :NA	(71)Name of Applicant: 1)ACTA ALGA Address of Applicant: 70 boulevard Courcelles F 75017 Paris France (72)Name of Inventor: 1)FRIEDERICH Alain 2)CONIN Michel 3)RUIZ Ga«l 4)AFFI Mahmoud
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(57) Abstract:

The present invention relates to a photobioreactor intended for the notably continuous culture of photosynthetic microorganisms, preferably microalgae, comprising at least one culture enclosure (1) intended to contain the microorganism culture medium (3) and at least one light source (2) outside the culture enclosure (1), 10 characterized in that it further comprises at least one cylindrical or prismatic light diffusion element (4) placed inside the culture enclosure (1), the light diffusion element (4) being coupled optically with the light source (2) so as to collect the photons emitted by the light source (2) and to return them to the culture medium (3) by its lateral surface. 15 The present invention also relates to the use of a photobioreactor to cultivate photosynthetic microorganisms and to the use of a light diffusion element (4) to illuminate the culture medium of a photobioreactor.

No. of Pages: 39 No. of Claims: 24

(21) Application No.9825/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: RESIN COMPOSITION AND SEAL MEMBER

(51) International

:C08L21/00,C08L27/16,C08L33/08 classification

(31) Priority Document No :2012143580 (32) Priority Date :26/06/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/061220

:15/04/2013 Filing Date

(87) International Publication :WO 2014/002582

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)KABUSHIKI KAISHA RIKEN

Address of Applicant: 13 5 Kudankita 1 chome Chiyoda ku

Tokyo 1028202 Japan (72)Name of Inventor: 1)OOWADA Akihiro 2)ITO Hiroshi

(57) Abstract:

There are provided a resin composition that can maintain excellent elasticity even after use under high temperature and high pressure for a long period, and a seal, member. One aspect of a resin composition according to the present invention is a resin composition comprising a rubber component; and a theremoplastic resin, wherein a maximum value of loss tangent (tan 8) in a temperature range of 20°C to 150°C is 0.2 or less.

No. of Pages: 33 No. of Claims: 5

(21) Application No.9832/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ALKALI & ALKALINE EARTH THIADIAZOLE ADDITIVES AND LUBRICATING COMPOSITIONS CONTAINING 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 	:C08C19/00 :61/483916 :09/05/2011 :U.S.A. :PCT/US2012/036548 :04/05/2012 :WO 2012/154570	(71)Name of Applicant: 1)VANDERBILT CHEMICALS LLC Address of Applicant: 30 Winfield Street Norwalk CT 06855 U.S.A. (72)Name of Inventor: 1)TEPPER Ronald J. 2)AGUILAR Gaston A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An extreme pressure additive composition for use in grease contains alkaline earth metal derivatives of 2 5 dimercapto 1 3 4 thiadiazole (DMTD) complexed to alkylene glycol fluids and or PAG fluids. In addition additives for extreme pressure and antiwear contain a complex of alkaline earth metal derivatives of DMTD with alkylene glycol fluids and or PAG fluids in combination with an organophosphorous compound.

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

(21) Application No.9834/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: PLANTS RESISTANT TO INSECT PESTS

(51) International :C12N15/82,C07K14/435,A01H5/00 classification 1)DEVGEN NV (31) Priority Document No :61/477371 (32) Priority Date :20/04/2011 (33) Name of priority :U.S.A. country (86) International :PCT/EP2012/057333 Application No :20/04/2012 Filing Date (87) International Publication: WO 2012/143543

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

(71)Name of Applicant:

Address of Applicant: Technologiepark 30 B 9052 Gent

Zwijnaarde Belgium (72)Name of Inventor: 1)BEGHYN Myriam 2)BOGAERT Thierry 3)FELDMANN Pascale 4)RAEMAEKERS Romaan

(57) Abstract:

The present invention relates to genetic control of infestation by insect pest species particularly prevention and/or control of pest infestation of plants using interfering ribonucleic acid (RNA) molecules. The invention provides transgenic plants that (i) express or are capable of expressing interfering RNAs of the invention and (ii) are resistant to infestation by insect pest species.

No. of Pages: 165 No. of Claims: 44

(21) Application No.9836/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: FEMININE HYGIENE ABSORBENT ARTICLES COMPRISING WATER ABSORBING

POLYMERIC FOAMS

(51) International :A61L15/24,A61L15/42,A61L15/60 classification

(31) Priority Document No :61/487408

(32) Priority Date :18/05/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/038232

No :17/05/2012

Filing Date

(87) International Publication :WO 2012/158858

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

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)THE PROCTER & GAMBLE COMPANY

Address of Applicant : One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor:

1)DI CINTIO Achille

2)LOPEZ VILLANUEVA Francisco Javier

3)LINSENBUEHLER Markus 4)WEISMANTEL Matthias 5)SIEGEL Bernd Adolf 6)BAUMGAERTNER Timo 7) FASTNER Michael

(57) Abstract:

A feminine hygiene absorbent article comprising water absorbing polymeric foams obtainable by polymerization of a foamed aqueous monomer solution or suspension comprising an ethylenically unsaturated monomer which bears acid groups and may be at least partly neutralized a crosslinker a photoinitiator and a surfactant.

No. of Pages: 32 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application: 14/11/2013

(21) Application No.9837/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: DISPLAY 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 	:2011108318 :13/05/2011 :Japan :PCT/JP2012/002618 :16/04/2012 :WO 2012/157186 :NA :NA	(71)Name of Applicant: 1)SEMICONDUCTOR ENERGY LABORATORY CO. LTD. Address of Applicant: 398 Hase Atsugi shi Kanagawa 2430036 Japan (72)Name of Inventor: 1)TOYOTAKA Kouhei
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A display device includes a plurality of pulse output circuits each of which outputs signals to one of the two kinds of scan lines and a plurality of inverted pulse output circuits each of which outputs to the other of the two kinds of scan lines inverted or substantially inverted signals of the signals output from the pulse output circuits. Each of the plurality of inverted pulse output circuits operates with at least two kinds of signals used for the operation of the plurality of pulse output circuits. Thus through current generated in the inverted pulse output circuits can be reduced.

No. of Pages: 56 No. of Claims: 15

(21) Application No.9857/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DRY ADHESIVES

(51) International classification :B81B3/00,B32B7/10,B82Y30/00 (71)Name of Applicant: (31) Priority Document No :61/485700

(32) Priority Date :13/05/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/CA2012/050101 No

:21/02/2012 Filing Date

(87) International Publication :WO 2012/155259

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

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

1)MYLAN GROUP

Address of Applicant :B1 Long Duc Industrial Park Travinh

City Travinh Province Vietnam

(72)Name of Inventor: 1)NGUYEN My T. 2)VINH BUI Loc

(57) Abstract:

A dry adhesive comprising a micro featured and nano featured surface and a compliant surface having a hardness of about 60 Shore A or less the micro featured and nano featured surface and the compliant surface being capable of forming upon contact a dry adhesive bond with each other.

No. of Pages: 70 No. of Claims: 71

(21) Application No.7245/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A DISPENSING MECHANISM AND A DISPENSER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/SE2011/050276 :14/03/2011 :WO 2012/125090 :NA :NA	(71)Name of Applicant: 1)SCA HYGIENE PRODUCTS AB Address of Applicant: S 405 03 Gteborg Sweden 2)JOKITALO Terttu (72)Name of Inventor: 1)HJORT Erik 2)KULLMAN Marcus
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A dispensing mechanism (4) for a liquid container (10) arranged in liquid communication with an outlet mechanism for a liquid is provided. The dispensing mechanism (4) is adapted to translate a user force applied to a user operated portion (22) into a transfer force applied from a user lever (20) to an actuation part (18). A relationship between a first length and a second length forms a lever ratio. The first length extends from a first pivot axis (30) to a user operated portion (22) and the second length extends from the first pivot axis (30) to a point of action of the transfer force on the actuation part (18). The lever ratio is adapted to increase from a non actuated position over at least the first 50% of a dispensing stroke of the actuation part (18) such that the transfer force increases over the at least first 50% of the dispensing stroke when a constant force is applied to the user operated portion (22). A dispenser (2) for a liquid comprising a dispensing mechanism (4) is further provided.

No. of Pages: 36 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :14/08/2013

(21) Application No.7217/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: BREWING DEVICE

(51) International classification	:B65D85/812	(71)Name of Applicant:
(31) Priority Document No	:1100871.1	1)MARTINFIELD LIMITED
(32) Priority Date	:19/01/2011	Address of Applicant :c/o The Old Coach House Bath Road
(33) Name of priority country	:U.K.	Oakhill Somerset BA3 5AQ U.K.
(86) International Application No	:PCT/GB2012/050113	(72)Name of Inventor:
Filing Date	:19/01/2012	1)PAPE John
(87) International Publication No	:WO 2012/098402	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A brewing device particularly for brewing tea or coffee. In one embodiment the steeping portion (11) is formed with the handle (10) and the squeezing means includes an actuator element (13) arranged to extend through the handle. Such a device is thus arranged to compress the steeping portion by means of a pulling action on the actuator element. In an alternative embodiment the squeezing means is formed with the handle (51) and the steeping portion is formed with an actuator element (54) arranged to extend through the handle. By such an arrangement the device is arranged to compress the steeping portion by means of a pushing or pressing action on the actuator element.

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

(19) INDIA

(22) Date of filing of Application :14/11/2013

(21) Application No.9824/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: PISTON RING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16J9/26 :2012187105 :28/08/2012 :Japan :PCT/JP2013/062064 :24/04/2013 :WO 2014/034180 :NA :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA RIKEN Address of Applicant: 13 5 Kudankita 1 chome Chiyoda ku Tokyo 1028202 Japan (72)Name of Inventor: 1)SASAKI Hayato 2)ONO Takashi
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(57) Abstract:

A piston ring that can maintain an excellent aluminum adhesion prevention effect over a long period in a high output engine is provided. One aspect of a piston ring according to the present invention is a piston ring in which at least one of upper and lower surfaces is covered with a resin-based film containing a plate-like filler, wherein the plate-like filler contains at least one of a group selected from alumina, silicon carbide, silicon nitride, and boron nitride.

No. of Pages: 33 No. of Claims: 4

(22) Date of filing of Application: 13/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ADAPTABLE VEHICLE

(51) International

:B62D61/00,B60B11/02,B60B19/12

classification

(19) INDIA

(31) Priority Document No :61/441812

(32) Priority Date

:11/02/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/CA2012/000118

:10/02/2012

Filing Date

(87) International Publication :WO 2012/106809

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)UNIVERSITY OF REGINA

(21) Application No.7199/DELNP/2013 A

Address of Applicant: 3737 Wascana Parkway Regina

Saskatchewan S4S 0A2 Canada

(72)Name of Inventor:

1)MEHRANDEZH Mehran

2)BAZARGAN Amir Hossein

(57) Abstract:

The present disclosure is directed at an adaptable vehicle that includes a pair of primary rollers for rolling along a surface on which the vehicle is travelling. At least one of the rollers is rotatably powered. The adaptable vehicle also includes two sets of linking arms one of which is coupled to one of the rollers and the other of which is coupled to the other of the rollers such that moving the sets of linking arms can shift the axes of rotation of the rollers without impeding rotation of the rollers. The sets of linking arms are connected to and rotatable about an actuatable hub. Actuation of the hub causes at least one set of the linking arms to rotate about the hub and shifts the axis of rotation of at least one of the rollers to allow the vehicle to adapt to its surroundings.

No. of Pages: 40 No. of Claims: 19

(21) Application No.7272/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A SUPERCRITICAL HEAT RECOVERY STEAM GENERATOR REHEATER AND SUPERCRITICAL EVAPORATOR ARRANGEMENT

(51) International classification :F01K7/22,F01K23 (31) Priority Document No :61/586350 (32) Priority Date :13/01/2012

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

(86) International Application No
Filing Date

(87) Filing Date

(87) International Publication No :WO 2013/105071

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

:F01K7/22,F01K23/10 (71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland (72)Name of Inventor: 1)ZHANG Wei

(57) Abstract:

A supercritical heat recovery steam generator includes a duct defining an interior area and having a gas inlet and a gas outlet. The duct is configured to convey gas from the gas inlet to the gas outlet. A portion of the duct between the gas inlet and the gas outlet defines an exhaust gas flow segment of the interior area. A supercritical evaporator is disposed in the interior area and a reheater is disposed in the interior area. The reheater and the supercritical evaporator are disposed in the exhaust gas flow segment adjacent to each other with respect to the flow of the exhaust gas.

No. of Pages: 19 No. of Claims: 20

(21) Application No.7273/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR CONNECTING SECTIONS OF A ONCE THROUGH HORIZONTAL EVAPORATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :61/587332 :17/01/2012 :U.S.A. :PCT/IB2013/050459 :17/01/2013 :WO 2013/108217 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)MAGEE Jeffrey F. 2)ZHANG Wei 3)WILHELM Bruce W. 4)TRUONG Vinh Q. 5)LECH Christopher J. 6)PSCHIRER James D.
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(57) Abstract:

Disclosed herein is a once through evaporator comprising an inlet manifold; one or more inlet headers in fluid communication with the inlet manifold; one or more tube stacks where each tube stack comprises one or more substantially horizontal evaporator tubes; the one or more tube stacks being in fluid communication with the one or more inlet headers; one or more outlet headers in fluid communication with one or more tube stacks; and an outlet manifold in fluid communication with the one or more outlet headers.

No. of Pages: 37 No. of Claims: 26

(21) Application No.7274/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CAROTENOID PARTICLES AND USES THEREOF

(51) International classification :A61K9/107,A6
(31) Priority Document No :1101669.8
(32) Priority Date :31/01/2011

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

(86) International Application No :PCT/GB2012/000075 Filing Date :25/01/2012

(87) International Publication No :WO 2012/104576

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

:A61K9/107,A61K31/355 (71)**Name of Applicant :** :1101669.8 **1)IP SCIENCE LIMITED**

Address of Applicant :Browning House 3 Tunwells Lane

Great Shelford Cambridge CB22 5LJ U.K.

(72)Name of Inventor: 1)PETYAEV Ivan

(57) Abstract:

This invention relates to the incorporation of bioactive cargo molecules into particles with carotenoids such as lycopene. The incorporation of a cargo molecule into a carotenoid particle may for example increase the bioavailability of the cargo molecule in the bloodstream compared to other delivery systems. Carotenoid particles as described herein may be useful in the formulation of therapeutic and nutritional compounds for oral administration to individuals.

No. of Pages: 66 No. of Claims: 42

(21) Application No.7275/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NEEDLING DEVICE

(51) International classification :D04H13/02,B26D1/00,B26F1/14 (71)Name of Applicant:

(31) Priority Document No :355/11 (32) Priority Date :01/03/2011 (33) Name of priority country :Switzerland

(86) International Application :PCT/EP2012/053203

Filing Date :24/02/2012

(87) International Publication :WO 2012/116936

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

(62) Divisional to Application
Number

Filing Date

:NA
:NA

1)BURCKHARDT OF SWITZERLAND AG
Address of Applicant :Pfarrgasse 11 CH 4057 Basel
Switzerland
(72)Name of Inventor :
1)BURCKHARDT Theodor
2)HAUSDORF Heiner
3)JERMANN Thomas
4)WISSON Fran§is

(57) Abstract:

A needling device for processing an in particular ribbon shaped sheet material comprises a needle roller (W) on which a multiplicity of needle elements (10) which are provided with points (11) are arranged in such a way that the needle elements (10) protrude out of the needle roller (W) and their points (11) point away from the needle roller (W). The needle elements (10) are configured as flat blades with in each case at least one cutting edge which extends away from the point (11) of the needle elements in the direction of the needle roller (W). The needle elements (10) are fastened via mounting members in the manner of small legs in bar like needle carriers (20) which for their part are inserted in grooves of the needle roller (W).

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

(21) Application No.7276/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MUSCLE PROSTHESIS WITH SUSPENSION FIXING APPARATUS FOR IMPLANTATION IN HUMAN BODY AND PRODUCTION 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 	:A61F2/08 :201120012524.4 :17/01/2011 :China :PCT/CN2012/070386 :16/01/2012 :WO 2012/097711 :NA :NA	(71)Name of Applicant: 1)WANG Jiangning Address of Applicant: 27A No.1 Shijijiayuan No.45 Xiaoguanbeili Chaoyang District Beijing 100029 China (72)Name of Inventor: 1)WANG Jiangning
Number		

(57) Abstract:

A muscle prosthesis with a suspension fixing apparatus for implantation into a human body and production method thereof; the muscle prosthesis comprises a muscle prosthesis main body (10) and the suspension fixing apparatus; the suspension fixing apparatus consists of at least one stretchable part (3) and at least two fasteners (1); the suspension fixing apparatus can fix the muscle prosthesis to a human bone or human muscle tendon and fascia. The suspension fixing system can change the thickness and outer shape of the prosthesis according to the direction and intensity of a tensile force thus satisfying the requirements of different body parts and different muscle thicknesses. Use of the suspension fixing apparatus allows the prosthesis to be fixed firmly and be structurally stable thus solving the technical problem of drooping and shifting prostheses.

No. of Pages: 31 No. of Claims: 23

(21) Application No.8326/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/09/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : METALLIC FOIL COMPOSITE FLEXIBLE PRINTED CIRCUIT BOARD USING SAME MOLDED BODY AND MANUFACTURING METHOD FOR MOLDED BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B32B15/08,H05K1/03 :2011080476 :31/03/2011 :Japan :PCT/JP2012/055933 :08/03/2012 :WO 2012/132814 :NA :NA	(71)Name of Applicant: 1)JX Nippon Mining & Metals Corporation Address of Applicant: 6 3 Otemachi 2 chome Chiyoda ku Tokyo 1008164 Japan (72)Name of Inventor: 1)KAMMURI Kazuki
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The purpose of the present invention is to provide a metallic foil composite with an improved crease performance. The present invention relates to a metallic foil composite (10) formed of a metallic foil (2) layered on one or both surfaces of a resin layer (6) with an adhesive layer (4) interposed therebetween wherein the combined elastic modulus of the layers including the adhesive layer and the resin layer is 80 100% of the elastic modulus of the resin layer.

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

(21) Application No.7167/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : HIGH PRESSURE FUEL PUMP FOR A FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

(51) International :F02M59/10,F02M59/46,F04B1/04 classification

(31) Priority Document No :10 2011 007 352.3

(32) Priority Date :14/04/2011
(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/053005

No :22/02/2012

Filing Date

(87) International Publication :WO 2012/139799

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

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant:

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)AMBROCK Sascha 2)DUTT Andreas

3)OTTENBACHER Dietmar

4)KOEHLER Achim 5)BOECKING Friedrich 6)TRAUB Karl Heinz

7)GENTE Arnold 8)ZEHNDER Frank

(57) Abstract:

The invention relates to a high pressure fuel pump for a fuel injection system of an internal combustion engine having a pump housing 1, having an interior pump chamber 2 to which fuel is supplied, and having at least one pump element actuated by a pump shaft 3, which is rotatably mounted in the pump housing 1, via a roller plunger 5, which is slide bearing mounted in a guide, forming an upper plunger chamber 9, wherein the interior pump chamber 2 is fluidically connected to the plunger chamber 9. According to the invention, a high pressure fuel pump is provided by which a specific fuel flow of the at least one plunger chamber 9 is ensured. According to the invention, said aim is accomplished in that the plunger chamber 9 is Rormected to a fuel line 13 effecting a fuel throughput.

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

(43) Publication Date: 23/01/2015

(21) Application No.7168/DELNP/2013 A

(22) Date of filing of Application: 12/08/2013

(54) Title of the invention: REMOTELY EMULATING COMPUTING DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F15/177 :61/454986 :21/03/2011 :U.S.A. :PCT/US2012/029640 :19/03/2012 :WO 2012/129159 :NA :NA	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC. Address of Applicant: P.O. Box 8102 Reno NV 89507 U.S.A. (72)Name of Inventor: 1)OVERTON Adam J. 2)MCKENZIE Bruce J. 3)EVANS Ethan Z. 4)CORNWALL Ian S.W. 5)FRAZZINI Michael Anthony 6)RYDER Paul A.
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(57) Abstract:

(19) INDIA

Disclosed are various embodiments that facilitate remote emulation of computing devices. A model of a computing device and an application that is executable in the computing device are identified. The application is executed in a hosted environment. A video signal of the application is encoded into a media stream. A user interface is encoded for rendering in a client. The user interface includes a graphical representation of the model of the computing device. A screen of the graphical representation of the model of the computing device is configured to render at least a portion of the video signal from the media stream.

No. of Pages: 50 No. of Claims: 16

(21) Application No.8360/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD FOR MANUFACTURING CONTINUOUS COMPOSITE TUBE APPARATUS FOR MANUFACTURING CONTINUOUS COMPOSITE TUBE

(51) International :B29D23/00,B29C35/00,B29C53/64 classification

(31) Priority Document No :2006335

(32) Priority Date :03/03/2011 (33) Name of priority country: Netherlands

(86) International Application :PCT/NL2012/050134

:05/03/2012

:NA

No Filing Date

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Application Number Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)AIRBORNE INTERNATIONAL B.V.

Address of Applicant: Laan van Ypenburg 70 78 NL 2497 GB

s Gravenhage Netherlands (72)Name of Inventor:

1)KREMERS Marcus Antonius Ivonne

(57) Abstract:

Method for manufacturing a continuous composite tube comprising translating a tube liner through a manufacturing station wherein the manufacturing station comprises a winding station and a consolidation station located at a distance downstream of the winding station; winding a composite tape on the tube liner at the winding station for forming a tape layer; consolidating the composite tape on the tube liner at a consolidation zone of the consolidation station by pressing and heating to the tape.

No. of Pages: 29 No. of Claims: 14

(21) Application No.7278/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : DIMENSIONAL STABILIZATION OF SLAB GEL CASSETTES TO PREVENT DISTORTION CAUSED BY SWELLING GELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N27/26 :61/446347 :24/02/2011 :U.S.A. :PCT/US2012/026557 :24/02/2012 :WO 2012/116297 :NA :NA :NA	(71)Name of Applicant: 1)BIO RAD LABORATORIES INC. Address of Applicant:1000 Alfred Nobel Drive Hercules California 94547 U.S.A. (72)Name of Inventor: 1)PANATTONI Cory 2)LATHAM Matthew 3)KIMMEL Kara 4)WALKER John
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(57) Abstract:

Slab gel cassettes for use in electrophoretic analyses of biologically derived mixtures are equipped with features that prevent the plastic walls of the cassettes from bowing outward when gels retained within the cassettes swell as gels typically do during casting storage or both. In certain embodiments these features are incorporated into or mate with the comb shaped inserts that form the sample wells as the gels are being cast. In other embodiments these features are complementary features incorporated into both the comb and the cassette.

No. of Pages: 24 No. of Claims: 30

(21) Application No.7279/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AUTOMATIC DEVICE FOR THE CHANGE OF RAIL

:NA

:NA

:NA

(51) International classification :B65G9/00,B61B3/00,E01B25/26 (71) Name of Applicant: :P201130411 (31) Priority Document No 1) CARRILLO LOSTAO Luis (32) Priority Date Address of Applicant : Sicilio 1 Cornell De Llobregat E 08940 :22/03/2011 (33) Name of priority country :Spain Barcelona Spain (86) International Application (72)Name of Inventor: :PCT/EP2012/054085 1)CARRILLO LOSTAO Luis :09/03/2012 Filing Date (87) International Publication :WO 2012/126746 (61) Patent of Addition to :NA **Application Number**

(57) Abstract :

Number

Filing Date

Filing Date

(62) Divisional to Application

An automatic device for the change of rail (1) particularly for overhead rails supported in the air comprising a moveable frame (2) linearly displaceable along a support (3) including two roller assemblies (A B) which may be located in parallel at each side of the rail (4a 4b) in operating condition being each of the roller assemblies (A B) articulated to the support (3) wherein at least one of the roller assemblies is articulated with rotating capacity so that it is capable to swivel in respect to an articulation point (6) the support (3) being articulated with rotating capacity on the moveable frame (2) for which reason it is capable to rotate in respect to said moveable frame permitting an unlimited number of changes of rail without reducing the operating speed in the change of rail.

No. of Pages: 11 No. of Claims: 8

(21) Application No.7280/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BUCKET TAPPET FOR ACTING ON A PUMP PISTON OF A HIGH PRESSURE FUEL PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/11/2011 :WO 2012/100854 :NA :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant: Industriestrae 1 3 91074 Herzogenaurach Germany (72)Name of Inventor: 1)DORN Stefan 2)GEYER Norbert 3)JUNKER Marco
Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a bucket tappet (1) for acting on a pump piston of a high pressure fuel pump of a quality regulated internal combustion engine comprising a hollow cylindrical sleeve (4) closed by a bottom (3) in the region of the upper edge (2) thereof. A bearing surface for the pump piston is at least indirectly integrated on a lower side (5) of the bottom (3) and an upper side (6) of the bottom (3) has a sliding surface (7) for a counter movement of a periodic stroke generator (cam or excenter) said sliding surface (7) being either convex or concave on the stroke generator in the direction of a migration of a contact region of the stroke generator.

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

(21) Application No.7281/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 16/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: ROLLER BEARING CAGE WITH PREDETERMINED RUPTURE POINT

(51) International

:F16C33/38,F16C33/46,F16C43/04

classification

(31) Priority Document No :102011004420.5 :18/02/2011

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

(86) International Application :PCT/EP2011/070148 :15/11/2011

Filing Date (87) International Publication

No

:WO 2012/110116 (61) Patent of Addition to

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

Number Filing Date

:NA

(71)Name of Applicant:

1)SCHAEFFLER TECHNOLOGIES AG & CO. KG

Address of Applicant: Industriestrae 1 3 91074

Herzogenaurach Germany (72)Name of Inventor:

1)SCH,,FER Marc Andr

(57) Abstract:

To summarize the invention relates to a roller bearing cage 16 with roller bearing pockets 18 which are arranged one next to the other in the circumferential direction and have the purpose of holding load bearing roller bodies 10 of a roller bearing wherein at least one end piece 14 which engages behind a roller bearing component 12 is formed on the roller bearing cage 16. The end piece 14 which is ideally embodied as a retaining claw holds the inner ring and the roller body 10 together but can be removed after or during the assembly by means of a predetermined rupture point 15 in order to make room for a further component such as for example a sealing arrangement. As a result despite the installation assistance optimum use of the installation space is provided.

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

(21) Application No.7282/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TOOTHBRUSH INCLUDING A DEVICE FOR INDICATING BRUSHING FORCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A46B15/00,A46D1/00 :NA :NA :NA :PCT/US2011/026643 :01/03/2011 :WO 2012/118487 :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)PATEL Madhusudan 2)MINTEL Thomas E. 3)KENNEDY Sharon 4)GATZEMEYER John J. 5)UMENEZ Eduardo I
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(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A toothbrush that includes a piezochromic polymer or a proximity dye based polymer effective to emit an optical signal indicative of brushing force.

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

(21) Application No.7283/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CRS (COMMON REFERENCE SIGNAL) AND CSI RS (CHANNEL STATE INFORMATION REFERENCE SIGNAL) TRANSMISSION FOR REMOTE RADIO HEADS (RRHS)

(51) International classification	·H04I 5/00 H04B7/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)QUALCOMM INCORPORATED
(32) Priority Date	:-	Address of Applicant :5775 Morehouse Drive ATTN:
(33) Name of priority country	:	International IP Administration San Diego California 92121
(86) International Application No	:PCT/US2012/025013	
Filing Date	:14/02/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2012/112519	1)BHATTAD Kapil
(61) Patent of Addition to Application	:NA	2)CHEN Wanshi
Number	:NA	3)GAAL Peter
Filing Date	.11/1	4)GEIRHOFER Stefan
(62) Divisional to Application Number	:NA	5)JI Tingfang
Filing Date	:NA	6)MONTOJO Juan

(57) Abstract:

One aspect of the present disclosure provides various configurations of the macro cell and remote radio heads to allow legacy UEs to function including mapping CRS ports to physical antenna configuring CSI RS transmissions and assisting the new UE in identifying remote radio heads.

No. of Pages: 52 No. of Claims: 50

(21) Application No.7251/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD FOR PRODUCING A FIBRE COMPOSITE COMPONENT AND A TOOL ARRANGEMENT 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 (61) Patent of Addition to Application Number 	:B29C70/44 :A 295/2011 :04/03/2011 :Austria :PCT/AT2012/000047 :01/03/2012 :WO 2012/119163 :NA :NA	(71)Name of Applicant: 1)FACC AG Address of Applicant: Fischerstrasse 9 A 4910 Ried im Innkreis Austria (72)Name of Inventor: 1)SCHNEIDERBAUER Gernot 2)KOCH Olaf
\ /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing a fibre composite component (1) and to a tool arrangement for same a planar fibre scrim (3) being arranged on a carrier mould (2) and provided on a side that faces away from said carrier mould (2) with at least one reinforcement section (5) that protrudes from the longitudinal plane of said fibre scrim (3) and is pressed between corresponding tool parts (6) of a moulding tool (7) a chamber (10) sealed with regard to the carrier mould (2) being formed by an air tight film (9) that encloses the moulding tool (7) the fibre scrim (3) and the at least one reinforcement section (5) and said chamber being connected to at least one resin supply line (12) and at least one vacuum line (15). Resin is aspirated by means of negative pressure being applied to the vacuum line (15) and the fibre scrim (3) and the reinforcement section (5) are saturated by the resin so as to form the fibre composite component (1). Air and resin are drawn between the tool parts (6) of the moulding tool (7) through the at least one reinforcement section (5) and into a suction channel (16) which extends in the moulding tool (7) and is connected to the at least one vacuum line (15) via a suction opening (17) of said moulding tool (7) such that air and/or resin can be conducted.

No. of Pages: 32 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PNEUMATIC TIRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60C11/11 :2011031113 :16/02/2011 :Japan :PCT/JP2012/000921 :10/02/2012 :WO 2012/111297 :NA :NA	(71)Name of Applicant: 1)BRIDGESTONE CORPORATION Address of Applicant: 10 1 Kyobashi 1 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor: 1)HANAMI Keiichi
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(21) Application No.7252/DELNP/2013 A

(57) Abstract:

A pneumatic tire in which at least two circumferential grooves (2 3) extending along the tire equator (C) on a tread surface (1) of the tire and a plurality of lateral grooves (4a 4d) linking the circumferential grooves to each other have a block row (L5) formed and partitioned therein which has a plurality of blocks (5a 5d) arranged along the tire equator. The blocks (5a 5d) have a reduced thickness section (6) including two or more portions at which the thickness of the block is reduced the reduced thickness section being present in an overlay region (R) in which in an instance in which the block row (L5) is projected in the circumferential direction the blocks overlap each other with respect to the projection.

No. of Pages: 21 No. of Claims: 4

(21) Application No.7253/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BLOCKING OF APPLICATION INITIATED CALLS

(51) International classification :H04M3/38,H04M1/67 (71)Name of Applicant : (31) Priority Document No 1)F SECURE CORPORATION :13/008105 (32) Priority Date Address of Applicant :PL24 Tammasaarenkatu 7 FI 00181 :18/01/2011 (33) Name of priority country :U.S.A. Helsinki Finland (86) International Application No :PCT/EP2012/050725 (72)Name of Inventor: 1)NIEMEL,, Jarno Filing Date :18/01/2012 (87) International Publication No :WO 2012/098165 2)NORKIO Antero (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method and apparatus for managing communications in a communication network. A telephony device determines that a software application is attempting to contact a telephone number. It then determines that the telephone number matches at least one predetermined criterion such as the E. telephone number being a premium rate number or having a different country code to that of the device. The device then sends a query to a reputation server. The query includes information identifying the software application. The device receives a response from the reputation server the response including a reputation relating to the software application. On the basis of the received reputation relating to the software application the device can take further action such as preventing contact from being established.

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

(21) Application No.7254/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : CONTAINER FOR FOOD AND/OR DRINK TO BE CONSUMED ON THE MOVE AND METHOD FOR MAKING IT

(51) International classification :A47G19/06,B65D5/02,B65D5/42 (71)Name of Applicant: (31) Priority Document No 1)ZANINI RISTORAZIONE S.R.L. :VR2011A000048 (32) Priority Date Address of Applicant : Piazza Br 22 I 37121 Verona Italy :09/03/2011 (33) Name of priority country (72)Name of Inventor: :Italy (86) International Application 1)ZANINI Roberto :PCT/IB2012/050910 :28/02/2012 Filing Date (87) International Publication :WO 2012/120406 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A container for food and/or drink to be consumed on the move comprises a first portion (24) forming at least a first holder (3) for containing at least one food to be consumed on the move or for a first receptacle containing a food or a drink to be consumed on the move and at least a second portion (25) connected to the first portion (24) and forming at least a second holder (4) for supporting a second receptacle containing at least one food or a drink to be consumed on the move. The first holder (3) and the second holder (4) are vertically aligned and they are distanced from each other in such a way as to allow the user independent access both to the first holder (3) and to the second holder (4). For that purpose at least a third connecting portion (28) is fixed to the first portion (24) and to the second portion (25) and forms at least one opening (29) for access from above to the lower holder. A method for making a container of this type is also claimed.

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

(19) INDIA

(22) Date of filing of Application :16/08/2013

(21) Application No.7263/DELNP/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: CARGO TANK 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 	:C09D163/00 :11157163.4 :07/03/2011 :EPO :PCT/EP2012/053695 :05/03/2012 :WO 2012/119968 :NA :NA :NA	(71)Name of Applicant: 1)AKZO NOBEL COATINGS INTERNATIONAL B.V. Address of Applicant: Velperweg 76 NL 6824 BM Arnhem Netherlands (72)Name of Inventor: 1)JACKSON Paul Anthony 2)JONES Peter Robert
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(57) Abstract:

The invention relates to compositions that can be used as coatings for the inner lining of cargo tanks. The compositions comprise a mixture of epoxy resins a curing agent an accelerator or mixture of accelerator(s) and one or more filler(s) or pigment(s) wherein the mixture of epoxy resins comprises 60 80 wt.% of an RDGE epoxy resin and 20 40 wt.% of an epoxy novolac resin wherein the wt.% is based upon the total weight of the mixture of epoxy resins.

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

(21) Application No.7264/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 16/08/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: AXIAL RADIAL ROLLING CONTACT BEARING IN PARTICULAR FOR SUPPORTING ROTOR BLADES ON A WIND TURBINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16C19/54 :10 2011 000 769.5 :16/02/2011 :Germany :PCT/EP2012/052680 :16/02/2012 :WO 2012/110595 :NA :NA :NA	(71)Name of Applicant: 1)THYSSENKRUPP ROTHE ERDE GMBH Address of Applicant: Tremoniastrae 5 11 44137 Dortmund Germany (72)Name of Inventor: 1)HANDRECK Thomas
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(57) Abstract:

The invention relates to an axial radial rolling contact bearing in particular for supporting rotor blades (2) on a wind turbine (1) comprising a first bearing ring (7) and a second bearing ring (8) which form an inner ring and an outer ring and comprising a radial rolling contact bearing row (4) and a plurality of axial rolling contact bearing rows between the first bearing ring (7) and the second bearing ring (8). According to the invention at least four axial rolling contact bearing rows (5a 5b 5c 5d) which are arranged at a distance from each other in the axial direction (x) are provided said radial rolling contact bearing row (4) being arranged between the second axial rolling contact bearing row (5b) and the third axial rolling contact bearing row (5c) in the axial direction (x).

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

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: START UP SYSTEM FOR A ONCE THROUGH HORIZONTAL EVAPORATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 :61/587332 :17/01/2012 :U.S.A. :PCT/IB2013/050455 :17/01/2013 :WO 2013/108215 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)MAGEE Jeffrey F.
(62) Divisional to Application Number Filing Date	:NA :NA	
(5-5)		•

(57) Abstract:

Disclosed herein is a once through evaporator comprising an inlet manifold; one or more inlet headers in fluid communication with the inlet manifold; one or more tube stacks where each tube stack comprises one or more substantially horizontal evaporator tubes; the one or more tube stacks being in fluid communication with the one or more inlet headers; where one or more tube stacks are used for a start up of the once through evaporator; one or more outlet headers in fluid communication with one or more tube stacks; a separator in fluid communication with the one or more outlet headers; a first flow control device in fluid communication with the separator and at least one of the tube stacks used for startup; a second flow control device in fluid communication with a superheater to bypass the separator and at least one of the tube stacks used for startup; and a controller for controlling the actuation of the first and second flow control devices in response to a parameter of the evaporator.

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

(21) Application No.7266/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : FLOW CONTROL DEVICES AND METHODS FOR A ONCE THROUGH HORIZONTAL EVAPORATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :61/587332 :17/01/2012 :U.S.A. :PCT/IB2013/050457 :17/01/2013 :WO 2013/108216 :NA :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)WILHELM Bruce W. 2)ZHANG Wei 3)MAGEE Jeffrey F. 4)TRUONG Vinh Q.
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(57) Abstract:

Disclosed herein is a once through evaporator comprising an inlet manifold; one or more inlet headers in fluid communication with the inlet manifold; one or more tube stacks where each tube stack comprises one or more substantially horizontal evaporator tubes; the one or more tube stacks being in fluid communication with the one or more inlet headers; one or more outlet headers in fluid communication with one or more tube stacks; an outlet manifold in fluid communication with the one or more outlet headers; and a plurality of flow control devices to dynamically control the fluid flow to a respective inlet header.

No. of Pages: 35 No. of Claims: 20

(21) Application No.7267/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/08/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TUBE AND BAFFLE ARRANGEMENT IN A ONCE THROUGH HORIZONTAL EVAPORATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/587332 :17/01/2012 :U.S.A.	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)LECH Christopher J.
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/109769 :NA	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein is a once through evaporator comprising an inlet manifold; one or more inlet headers in fluid communication with the inlet manifold; one or more tube stacks where each tube stack comprises one or more inclined evaporator tubes; the one or more tube stacks being in fluid communication with the one or more inlet headers; where the inclined tubes are inclined at an angle of less than 90 degrees or greater than 90 degrees to a vertical; one or more outlet headers in fluid communication with one or more tube stacks; and an outlet manifold in fluid communication with the one or more outlet headers; and a baffle system comprising a plurality of baffles; the baffle system being disposed adjacent to a tube stack so that the baffle system contacts a tube.

No. of Pages: 27 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: DISPOSABLE CLOTHING ARTICLE AND MANUFACTURING METHOD THEREFOR

(51) International classification :A61F13/15,A61F13/49 (71)Name of Applicant : (31) Priority Document No 1)ZUIKO CORPORATION :2011-261426 (32) Priority Date Address of Applicant: 15 21 Minamibefu cho Settu Shi Osaka :30/11/2011 (33) Name of priority country :Japan 5660045 Japan (72)Name of Inventor: (86) International Application No :PCT/JP2012/080165 Filing Date :21/11/2012 1)UMEBAYASHI Toyoshi (87) International Publication No :WO 2013/080852 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A disposable clothing article provided with an outer wrapping that covers the waist of the wearer and an inner part that is disposed on the skin facing surface of the outer wrapping and covers at least the crotch of the wearer wherein the outer wrapping is provided with: a first sheet that extends continuously in the girth direction from the front or the back of the wearer s torso to both sides; a pair of second sheets that is laminated on the first sheet at a distance from each other in the girth direction so as not to be provided on the front or the back but disposed on both sides; and an elastic member that is interposed between the first sheet and the second sheet and expands and contracts in the girth direction. The inner part is disposed from the front to the back where the second sheet is not disposed.

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

(21) Application No.653/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: SULFONIC ACID SALTS OF HETEROCYCLYLAMIDE SUBSTITUTED IMIDAZOLES

(51) International classification :C07D401/12,A61K31/4439,A61P31/12

(31) Priority Document

ument

:10 2011 113 749.5

NO (32) P

(32) Priority Date :14/09/2011
(33) Name of priority :Germany

country

(86) International

Application No :PCT/EP2012/067814 :12/09/2012

Filing Date (87) International

Publication No :WO 2013/037812

(61) Patent of Addition to Application Number :NA

Application Number Filing Date

(62) Divisional to

Application Number Filing Date

:NA :NA (71)Name of Applicant:

1)AICURIS GMBH & CO. KG

Address of Applicant :Bayer Pharma und Chemiepark Friedrich Ebert Str. 475/Geb. 302 42117 Wuppertal GERMANY.

(72)Name of Inventor:
1)SCHWAB Wilfried
2)SCHIFFER Guido
3)VOEGTLI Kurt

4)KYAS Andreas

5)OSSWALD Gerd

(57) Abstract:

The invention relates to sulfonic acid salts of heterocyclylamide substituted imidazoles and to solvates and hydrates thereof to the use thereof for treating and/or preventing diseases and to use thereof for producing drugs for treating and/or preventing diseases in particular for use as antiviral agents in particular against cytomegaloviruses.

No. of Pages: 53 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PORTABLE TOXIC THREAT DETECTOR (P.T.T.D)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A01M1/02, A01M9/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SAURABH C. PURANIK Address of Applicant: F.NO. 47, PART-2, YASHODA NAGAR, JAITALA ROAD, NAGPUR - 440036 Maharashtra India (72)Name of Inventor: 1)SAURABH C. PURANIK
(87) 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:

Continued application of pesticides for agricultural pest and disease vector control poses serious threats to both human health and wildlife conservation. The hazards of cancer, neural disorders, birth defects, reproductive and developmental anomalies, mutagenicity and other health risks takes place due to excess use and consumption of pesticides. The present invention aims at providing solution to the problems caused by consuming poisonous vegetables. We have devised a mechanism that is termed as P.T.T.D(i.c) portable toxic threat detector. This can be done using a couple of possible mechanisms like use of bio sensors or electromechanical analysis or by detecting the PH of the sensor. The device is battery operated and is handy to carry. As Continued application of pesticides for agricultural pest and disease vector control poses serious threats to both human health and wildlife conservation. The hazards of cancer, neural disorders, birth defects, reproductive and developmental anomalies, mutagenicity and other health risks takes place due to excess use and consumption of pesticides. Pesticides are substances used for destroying or repelling pests that can damage agricultural crops or can act as vectors to spread diseases. Pesticides can be classified based on the target groups on which they are designed to act such as into insecticides, herbicides, fungicides and others; or based on their chemical nature such as organochlorines, organophosphates, carbamates and synthetic pyrethroids, for example. Organochlorines and synthetic pyrethroids are stomach and contact poisons, while organophosphates and carbamates target the nervous system of insects and also affect humans because of the similarity between humans and insects in nerve impulse transmission. Both organophosphates and carbamates are inhibitors of the enzyme acetyl cholinesterase leading to accumulation of acetylcholine in the nerve synapses thereby preventing synaptic transmission of nerve impulses. So we can avoid these causes with the help of portable toxic threat detector. The System assembly can be modulated as small as to fit inside pockets to as large as capable of installing over the conveyor belts. The system assembly would be auto triggered on/off either manually or automatically by the user or the system mechanism. The system assembly can be operated either directly or indirectly through software that is compatible with all smart phones. The system assembly can also be operated via separate mechanism using a small remote sensor application.

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

(21) Application No.255/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 07/02/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS FOR THE MANUFACTURE OF MULTILAYER ARTICLES

(51) International :B32B37/10,B29C35/04,B29C43/12 classification

(31) Priority Document No :2011902721 :08/07/2011 (32) Priority Date

(33) Name of priority country: Australia

(86) International Application :PCT/AU2012/000820

:06/07/2012 Filing Date

(87) International Publication: WO 2013/006900

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)XTEK LIMITED

Address of Applicant :25 Yallourn Street Fyshwick ACT 2609

Australia.

(72)Name of Inventor:

1)THOMPSON David Samuel

(57) Abstract:

A method and apparatus for manufacturing composite articles such as laminate ballistic protection and structural reinforcements. The method involves placing a composite assembly in a sealable membrane system e.g. a vacuum bag and placing the vacuum bag in a pressure vessel to apply heat and pressure to the composite assembly thereby manufacturing a composite article. The apparatus comprises: a pressure vessel; a source of processing liquid to apply isostatic pressure to the vacuum bag; processing liquid heating cooling pressurising and circulating means; and a control system to control the heating cooling and pressurising means. The sealable membrane system may preferably comprise: a sealable membrane to separate the composite article from the processing liquid and maintain the composite article below atmospheric pressure; and a membrane to cushion the composite article and resist adhesion of the article to other membranes. The processing liquid is preferably silicone oil.

No. of Pages: 33 No. of Claims: 10

(21) Application No.656/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A PARTITION STRUCTURE AND SYSTEM

(51) International classification	:E04B2/82, E04B2/76,	(71)Name of Applicant: 1)ELEMENT DESIGN INTERNATIONAL PTY LTD
(44) 7.1. 1. 7	E04B2/78,	Address of Applicant :176 Paddington Street, Paddington
(31) Priority Document No	:2012901038	NSW 2021, Australia.
(32) Priority Date	:15/03/2012	(72)Name of Inventor:
(33) Name of priority country	:Australia	1)SYKES, Christopher
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 partition structure comprises a rectangular frame formed by at least two opposing spaced apart vertical frame members and two opposing spaced apart horizontal frame members defining an opening. The horizontal frame members connected to the vertical frame members at or near their respective ends, and two rectangular panels are removably attached on opposed sides of said opening. The panels overlay and hide a substantial portion of the vertical frame members to which they are removably attached, and where two like partition structures are adjacently joined together their respective frames are abutted together at an interface plane. A narrow elongate gap parallel to the interface plane is formed between a side edge of one of said panels on one partition structure and the side edge of one of said panels on the other partition structure.

No. of Pages: 22 No. of Claims: 12

(21) Application No.656/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/04/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: PELLETIZED ORGANIC FERTILIZER

(51) International classification :C05C5/00,C05D1/00,C05F1/00 (71)Name of Applicant :

(31) Priority Document No :61/534474 (32) Priority Date :14/09/2011

(33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/055484

Filing Date :14/09/2012 (87) International Publication No: WO 2013/040392

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

Number :NA

Filing Date

1)STET ACQUISITION INC.

Address of Applicant : P.O. Box 140201 Irving TX 75014

(72)Name of Inventor:

1)BRADBURY Rod

(57) Abstract:

An organic fertilizer and method for making the same. The organic fertilizer comprises a slow release nitrogen source a nitrogen source a phosphorous source a potassium source a chelator and a binder. The fertilizer is made by mixing the dry ingredients with water to form a wet mixture. Thereafter the wet mixture is extruded through an extruder and cut to form a pellet. The pelletized fertilizer allows the fertilizer to be more accurately applied.

No. of Pages: 31 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONTROL DEVICE OF AN OPERATING ELEMENT IN A MOTOR VEHICLE

:B62K23/02, B62J99/00	(71)Name of Applicant : 1)PARAGON AG
:102012005371.1	Address of Applicant :SCHWALBENWEG 29, 33129
:16/03/2012	DELBRUCK, GERMANY
:Germany	(72)Name of Inventor:
:NA	1)MONKEMOLLER, RALF
:NA	
: NA	
· :NA	
:NA	
:NA	
:NA	
	B62J99/00 :102012005371.1 :16/03/2012 :Germany :NA :NA : NA : NA : NA

(57) Abstract:

A receiving means (4), belongs to a control device of an operating element (3) in a motor vehicle, which receiving means is a component part of the operating element (3) and into which signals are able to be inputted by a person (1). In order to be able to establish with great reliability a threshold for the decision signal valid / signal invalid, it is proposed according to the invention that the receiving means (4) of the operating element (3) has a first coupling-in element (6) and a second coupling-in element (7), which are arranged at a defined distance (A) from one another on an evaluation axis (8).

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

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

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHODS AND COMPOSITIONS FOR NEUROPROTECTION

(51) International :C12N15/113,A61K31/713,A61P27/16 classification

(31) Priority Document No :61/554982 (32) Priority Date :03/11/2011 (33) Name of priority :U.S.A. country

(86) International Application No

:PCT/US2012/062894 :01/11/2012

Filing Date (87) International

Publication No

:WO 2013/067076

(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)QUARK PHARMACEUTICALS INC.

Address of Applicant: 6501 Dumbarton Circle Fremont

California 94555 U.S.A. (72)Name of Inventor: 1)FEINSTEIN Elena

(57) Abstract:

Disclosed herein are methods and kits useful for providing neuroprotection to neurons in the inner ear and to methods of treating inner ear diseases and disorders including tinnitus and Mnire s disease.

No. of Pages: 84 No. of Claims: 71

(19) INDIA

(22) Date of filing of Application :08/03/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: AMBIENT CURING SCRATCH RESISTANT AND FLEXIBLE COATING WITH MULTI-POLAR SOLVENT REPELLENCY.

	:C08L83/04,	(71)Name of Applicant:
(51) International classification	C08K3/22,C09D	1)ASIAN PAINTS LTD.
	183/04	Address of Applicant :6A, SHANTINAGER SANTACRUZ
(31) Priority Document No	:NA	(E) MUMBAI - 400 055 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MIRCHANDANI, GIRISH
(86) International Application No	:NA	2)PARAVAKKAL, MOHAMED ASKAR
Filing Date	:NA	3)GUPTA, JHALAK
(87) International Publication No	: NA	4)PANDIT, DEVCHANDRA
(61) Patent of Addition to Application Number	:NA	5)CHRISTOPHER, KAMAKSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A ready to use coating formulation comprising self cleaning polymeric coating/ paint composition/ kit and surfaces/ coats that is preferably ambient curing and omniphobic in repelling multi polar solvents (such as water and oil) while being mechanically durable (scratch resistant and flexible) providing for durable, scratch resistant and flexible coating exhibiting omniphobicity towards liquids of surface tensions ranging from 25 to 72 mN/m. The reactive fluoro containing clear coat of moisture curing fluorinated acrylic epoxy polysiloxane resin (FAEPS) together with surface treated organic and/ or inorganic materials are selectively functionalized and are capable of anchorage via multiple routes with the polymeric resin involving selective functionalities through chemical/ covalent bonding to favour surfaces/ coats with different degrees of wettability by multi polar solvents without significantly altering the mechanical properties of the coating.

No. of Pages: 48 No. of Claims: 26

(21) Application No.712/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: HEATING VENTILATION AND AIR CONDITIONING MANAGEMENT SYSTEM AND METHOD

(51) International classification	· ·	(71)Name of Applicant:
(31) Priority Document No	:13/246013	1)JPMORGAN CHASE BANK N.A.
(32) Priority Date	:27/09/2011	Address of Applicant :270 Park Avenue New York NY 10036
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/048483	(72)Name of Inventor:
Filing Date	:27/07/2012	1)BENJAMIN, Trent, Burton
(87) International Publication No	:WO 2013/048613	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods of controlling a heating ventilating and air conditioning system are provided that operate according to signals returned from return air temperature sensors as well as the supply air temperature sensors. Using predetermined temperature setpoints return temperature information and supply temperature information the HVAC system is configured to maintain the temperature of a room first by the use of its cooling valve and second and only when the capacity of the cooling valve has peaked by use of the fan. The presently disclosed improved HVAC system operates more efficiently by avoiding unit loading hopping and minimizing power consumption.

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

(19) INDIA

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR MANUFACTURING BEARING STEEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	C21D1/00 :NA :NA :NA :NA :NA :NA :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)IWAMOTO, Takashi 2)HIRAI, Yasumasa
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Steel having a predetermined chemical composition is heated above 1,050 °C, and thereafter subjected to hot working including at least one working pass where a working temperature falls to 1,050 °C or below. After that, the steel is subjected to annealing in which the steel is heated to a temperature in a range of 780 °C or above to 980 °C or below and then subjected to soaking for at least 10 hours and cooled at a cooling rate of 1 °C/h or more and 20 °C/h or less at least in a temperature range from a temperature at which ferrite starts to generate from austenite to a temperature at which the transformation from austenite to ferrite is completed, to thereby obtain carbide having an average grain diameter of $0.4~\mu m$ or more and $0.7~\mu m$ or less in the steel.

No. of Pages: 19 No. of Claims: 2

(19) INDIA

(22) Date of filing of Application :28/02/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: SUTURE NEEDLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B17/06 :2011-208646 :26/09/2011 :Japan :PCT/JP2012/074477 :25/09/2012 :WO 2013/047472 :NA :NA	(71)Name of Applicant: 1)MANI INC. Address of Applicant: 8 3 Kiyohara Industrial Park Utsunomiya shi Tochigi 3213231 Japan (72)Name of Inventor: 1)AKUTSU Shinichi 2)ISHIDA Takashi
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.384/MUMNP/2014 A

(57) Abstract:

[Problem] To provide a suture needle with which both ends of a single suture thread or two suture threads can be attached to a single base end face and to which suture threads that are thicker than in the past can be easily and securely attached. [Solution] The suture needle (10) which is provided with a blind hole (11) from the base end face (13) of the suture needle in the axial direction and in which a suture thread (12) is attached by inserting the suture thread (12) into the blind hole (11) and crimping is characterized in that two blind holes (11) penetrate a single base end face (13) and both ends of a single suture thread (12) or two suture threads can be attached. The two penetrating blind holes can be partially joined so that the overall shape of the blind holes at the base end face forms a figure 8.

No. of Pages: 16 No. of Claims: 3

(21) Application No.755/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A NOVEL FIN-TUBE ASSEMBLING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TRANSPARENT ENERGY SYSTEMS PRIVATE LIMITED Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR, BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE - 411 037, MAHARASHTRA, INDIA
 (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	(72)Name of Inventor : 1)BHOR, SHAMKANT BABAJI

(57) Abstract:

The invention relates to a fine tube assembling machine- The said machine comprising pair of pneumatic air cylinders 1, mounted on an individual support 6 at a distant and face to face, having the Fin Support jaw 4 to hold fins and to maintain the constant pressure on fins while the machine is in operation; a fin support plate 5 horizontally placed between said jaws 4 for holding the fins 2 fixed at their location while the machine is in operation; a Fin mounting plate 3 at bottom for holding together the entire assembly of the said fin support jaw 4, the said cylinder support and the said support plate; a hydraulic cylinder 3 provided for mounting fins to the job by developing the force required for press fitting the fins 2 to the tube of the said job placed rigidly above on the fins assembly held on the said fin support plate and between the said jaws.

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

(21) Application No.756/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: COMPRESSOR PROTECTION MODULE

(51) International classification	·F04C28/28	(71)Name of Applicant:
(31) Priority Document No	:61/676,581	` /
(32) Priority Date	:27/07/2012	
(33) Name of priority country	:U.S.A.	SIDNEY, OHIO 45365 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TRUDEAU EDWARD J.
(87) International Publication No	: NA	2)BARNETT KENNETH R.
(61) Patent of Addition to Application Number	:NA	3)SHELGAONKAR YOGESH
Filing Date	:NA	4)KHAIRNAR MANOJ PRALHAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electronic device is provided that may include a housing and an electronic component disposed within the housing. The housing may include a plug configured to engage a terminal assembly extending from a compressor shell and facilitate electrical communication between the plug and the terminal assembly. An exterior surface of the housing may include one or more receptacles extending therethrough in electrical communication with the electronic component.

No. of Pages: 48 No. of Claims: 46

(21) Application No.757/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A SYMMETRIC OPPOSED-PISTON, OPPOSED-CYLINDER 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 	:61/625, 815	(71)Name of Applicant: 1)ECOMOTORS INTERNATIONAL, INC. Address of Applicant:17000 FEDERAL DR., SUITE 200, ALLEN PARK, MICHIGAN - 48101, US U.S.A. (72)Name of Inventor: 1)HOFBAUER PETER
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(57) Abstract:

An opposed-piston, opposed-cylinder engine is disclosed that has the pistons symmetrically arranged in the opposed cylinders. In one embodiment, the inner pistons are exhaust pistons and the outer pistons are intake pistons. Alternatively, the inner pistons are intake pistons and the outer pistons are exhaust pistons. The pistons are coupled to the crankshaft that is situated between the opposed cylinders. Central axes of the two cylinders are offset by a predetermined distance. The connecting rods that couple between the crankshaft and the pistons are arranged adjacent to each other on journals of the crankshaft. The journal to which the pushrods couple is not a split-pin type, but instead has a common central axis. Furthermore, the crankshaft is a unitary structure.

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

(19) INDIA

(22) Date of filing of Application :17/04/2014

(21) Application No.722/MUMNP/2014 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: AUTHENTICATION METHOD

(51) International classification :G06Q20/32,G06Q20/40,G06F21/00

(31) Priority Document No :11187273.5 (32) Priority Date :31/10/2011

(33) Name of priority country:EPO

(86) International PCT/EP2012/071472 Application No

Filing Date :30/10/2012

(87) International Publication :WO 2013/064493

(61) Patent of Addition to

Application Number Filing Date :NA

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

(71)Name of Applicant:

1)MONEY AND DATA PROTECTION LIZENZ GMBH & $\,$

CO. KG

Address of Applicant : Niederfeldstr. 19a 33611 Bielefeld

GERMANY

(72)Name of Inventor: 1)ADENUGA Dominic

(57) Abstract:

A method of authenticating a user to a transaction at a terminal (10) wherein a user identification is transmitted from the terminal (10) to a transaction partner (12) via a first communication channel (14) and an authentication device (18) uses a second communication channel (20) for checking an authentication function that is implemented in a mobile device (16) of the user and as a criterion for deciding whether the authentication to the transaction shall be granted or denied the authentication device (18) checks whether a predetermined time relation exists between the transmission of the user identification and a response from the second communication channel characterized in that the authentication function is normally inactive and is activated by the user only preliminarily for the transaction said response from the second communication channel (20) includes the information that the authentication function is active and the authentication function is automatically deactivated.

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

(19) INDIA

(22) Date of filing of Application: 17/04/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: DEVICE FOR MOBILE COMMUNICATION

(51) International

:H04W12/06,H04L29/06,G06F21/00

classification (31) Priority Document No

:11187280.0

(32) Priority Date (33) Name of priority :31/10/2011

:EPO

country

(86) International

Application No

:PCT/EP2012/071502 :30/10/2012

Filing Date

(87) International Publication: WO 2013/064504

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

Filing Date (62) Divisional to

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

(71)Name of Applicant:

(21) Application No.723/MUMNP/2014 A

1)MONEY AND DATA PROTECTION LIZENZ GMBH &

CO. KG

Address of Applicant: Niederfeldstr. 19a 33611 Bielefeld

GERMANY

(72)Name of Inventor:

1)ADENUGA Dominic

(57) Abstract:

A mobile device (16) comprising a transceiver (40) for mobile communication and a controller (44) configured to execute an authentication function for authenticating a registered user of the device characterized in that the device (16) has only a single operating element (48) the functionality of said single operating element (48) is limited to activating and deactivating the authentication function said authentication function consists in having the transceiver logged on to a mobile communications network and enabling a detection of an active state and/or a location of the mobile device via the mobile network and in that the operating element (48) and the transceiver (40) constitute the only data input and output ports of the controller (44).

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

(21) Application No.724/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/04/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: TECHNIQUES FOR AFFECTING A WIRELESS SIGNAL BASED POSITIONING CAPABILITY OF A MOBILE DEVICE BASED ON ONE OR MORE ONBOARD SENSORS

(51) International $:\!G01S19/49,\!G01S19/20,\!G01S19/25$ classification

(31) Priority Document No :61/549539 (32) Priority Date :20/10/2011

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

(86) International Application :PCT/US2012/056395 No

:20/09/2012 Filing Date

(87) International Publication :WO 2013/058928

(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)OUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administrator 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor:

1)WU Jie

2)RILEY Wyatt

3)MORRISON William J.

(57) Abstract:

Various methods apparatuses and/or articles of manufacture are provided which may for example be implemented to compute one or more inferences from signals generated by one or more inertial sensors or environmental sensors detect an erroneous condition responsive to a comparison of the computed inference(s) with an initial position or a position fix and in response to the detection of the erroneous condition affect at least one process at the mobile device that is used at least in part to obtain a position fix.

No. of Pages: 48 No. of Claims: 80

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM AND METHOD TO PROVIDE MANAGEMENT OF TEST DATA AT VARIOUS LIFECYCLE STAGES

(51) International classification :G06Q1 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA (72)Name of Inventor: 1)PATWARDHAN, NIKHIL GIRISH 2)ROY, ASHIM 3)KULKARNI, RUPALI KEDAR 4)JOHRI, SUMIT 5)LIMAYE, AMOL RAJENDRA 6)LODHA, SACHIN P 7)BANAHATTI, VIJAYANAND MAHADEO 8)SRINIVASAN, IYENGAR VENKATACHARY
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(57) Abstract:

Disclosed is a method and system to provide management of test data, the management performed at one or more stages associated with lifecycle of the test data. The system comprises a processing engine, a categorization module, a privacy regulation module, a meta-data analyzer, and an output generation module. The processing engine configured to generate the test data with respect to the test data request. The processing engine further comprises of the categorization module configured to categorize the test data request. The processing engine further comprises of the privacy regulation module configured to model one or more privacy regulations in accordance with a geographical location and an enterprise domain. The processing engine further comprises of the meta-data analyzer configured to analyze an imported meta-data. The system further comprises of the output generation module configured to provide the test data so requested.

No. of Pages: 27 No. of Claims: 17

(21) Application No.254/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 07/02/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: A CISTERN ASSEMBLY

(51) International classification :E03D1/20,E03D1/012,E03D1/06 (71)Name of Applicant: :2011902970 (31) Priority Document No :25/07/2011 (32) Priority Date

(33) Name of priority country :Australia

(86) International Application :PCT/AU2011/001553 No

:30/11/2011 Filing Date

(87) International Publication :WO 2013/013258

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

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

1)METAFLUSH PTY LTD

Address of Applicant :4 Highland Park Road Meringandan

West Oueensland 4352 Australia. (72)Name of Inventor:

1)LAKE Antony

(57) Abstract:

The current invention is directed to a cistern assembly for a flush toilet where the cistern assembly includes a cistern housing including a cistern lid and a cistern base a cistern member pivotally attached within the cistern housing and an actuator means associated with the cistern member to pivot the cistern member relative to the cistern housing to discharge the stored water. The cistern member has a base wall that forms a chamber to store the water and a passageway to discharge the water from the chamber the passageway has an internal inlet and a cistern outlet and is shaped to siphon water through the passageway. The internal inlet is positioned substantially on or adjacent to the pivot vertical axis of the cistern member when the cistern member is in one of the pivoted positions. The actuator means can tilt the cistern member to actuate discharge of water through the passageway so that when the cistern member is pivoted and the passageway is moved below the water level of the stored water of the chamber the water is drawn through the passageway to the cistern outlet until air within the chamber enters the passageway preventing further water from being drawn into the passageway.

No. of Pages: 46 No. of Claims: 13

(21) Application No.728/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND SYSTEM FOR EVALUATION OF SENSOR OBSERVATIONS

(57) Abstract:

Method and sensor observation system (200) for reporting observations to data users (204) based on sensor data collected (2:1) from a network of sensors (202). A first observation report that originates from a sensor in the network is provided (2:4) to a first data user and a rating with respect to quality of the first observation report is received (2:5) from the first data user. Rating information is then created (2:8) based on the received rating and a second observation report originating from the same sensor and comprising said rating information is provided (2:10) to a second data user. The comprised rating information thus indicates reliability of the second observation report. Thereby the second data user is enabled to estimate and use the second observation report depending on its reliability as indicated by the rating information.

No. of Pages: 23 No. of Claims: 20

(21) Application No.780/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BIOSYNTHESIS OF SILVER THIN FILMS

(51) International classification(31) Priority Document No(32) Priority Date	:C23C16/06 :NA :NA	(71)Name of Applicant: 1)PROF. CHANDRAKANT DNYANDEV LOKHANDE Address of Applicant :THIN FILM PHYSICS
(33) Name of priority country	:NA	LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI
(86) International Application No	:NA	UNIVERSITY, KOLHAPUR, 416 004 Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PROF. CHANDRAKANT DNYANDEV LOKHANDE
(61) Patent of Addition to Application Number	:NA	2)MR. NANASAHEB MADHUKAR SHINDE
Filing Date	:NA	3)MR. ABHISHEK CHANDRAKANT LOKHANDE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present investigation is related to the biosynthesis of nanocrystalline and compact silver nanoparticle thin films onto glass substrates by successive ionic layer adsorption and reaction (SILAR) method. This is relatively less expensive and convenient method for large area deposition of metal thin films. Nanocrystalline silver nanoparticle films have been deposited onto the glass substrates at room temperature using AgN03 as a cationic precursors and guava leaf extract as an anionic precursor. As confirmed from X- ray diffraction (XRD) pattern and scanning electron microscopy (SEM) images, silver nanoparticle films were nanocrystalline and compact. The absorbance peak of the sample at λ max, 439 nm is associated with the characteristics peak of silver nanoparticles. The maximum value of transmission is around 90 %. The synthesized thin film silver nanoparticles are found to be photoluminescent. Photoluminescence (PL) spectrum obtained from the silver nanoparticles is at 479 nra

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

(19) INDIA

(43) Publication Date : 23/01/2015

(21) Application No.725/MUMNP/2014 A

(22) Date of filing of Application :17/04/2014

(54) Title of the invention : DETERMINING A LIKELIHOOD OF A DIRECTIONAL TRANSITION AT A JUNCTION IN AN ENCODED ROUTABILITY GRAPH DESCRIPTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G01C21/20 :61/548165 :17/10/2011 :U.S.A. :PCT/US2012/054604 :11/09/2012 :WO 2013/058891	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administrator 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)GUPTA Rajarshi
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Techniques are provided which may be implemented in various methods apparatuses and/or articles of manufacture to obtain an encoded routability graph representative of feasible paths in an indoor environment represented by an encoded map and assign likelihoods of transition from an ingress edge in the encoded routability graph to individual egress edges through a junction connecting the ingress edge to a plurality of egress edges based at least in part on one or more features of the encoded map.

No. of Pages: 46 No. of Claims: 52

(21) Application No.726/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS FOR PREPARING ALKOXY ARYL ESTER

(51) International classification	:C07C67/11,C07C69/92	(71)Name of Applicant:
(31) Priority Document No	:11008 210.4	1)SAUDI BASIC INDUSTRIES CORPORATION (SABIC)
(32) Priority Date	:11/10/2011	Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi
(33) Name of priority country	:EPO	Arabia
(86) International Application No	:PCT/EP2012/004205	(72)Name of Inventor:
Filing Date	:08/10/2012	1)HASHMI Syed Azhar
(87) International Publication No	:WO 2013/053455	2)AL ANAZI Flaiyh
(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 process for preparing a compound represented by the formula 1 which compound may optionally be further mono or di substituted with halogen atoms alkyl groups having 1 to 4 C atoms and/or alkoxy groups having 1 to 4 C atoms wherein R is methyl or ethyl group comprising the step of: contacting a corresponding compound represented by the formula 2 which compound is not further substituted or further mono or di substituted in corresponding positions with halogen atoms alkyl groups having 1 to 4 C atoms and/or alkoxy groups having a to 4 C atoms with an alkylating agent wherein the alkylating agent is a compound of the formula (RO)SO or RX wherein R has the above meaning and X is halogen in the presence of a bis quaternary ammonium salt or a polymeric quaternary ammonium salt in a two phase system of an aqueous solution of a base and an organic solvent.

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

(21) Application No.782/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A SYSTEM AND A METHOD TO ENABLE/ DISABLE FACTORY SET FIXED PROTECTION SETTINGS USING SIMULATION KIT

:G06F13/16, H04B1/16, H04M1/00	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T HOUSE, BALLARD ESTATE,
:NA	MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
:NA	(72)Name of Inventor:
:NA	1)BISHNOI, B. L.;
:NA	2)LANDE, APEKSHA, B.
:NA	3)VEJLANI, ZAINAB
: NA	4)TYAGI, DHRUVI
:NA	
:NA	
:NA	
:NA	
	H04B1/16, H04M1/00 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The present invention relates to a method to Enable / Disable factory set fixed protections. The method comprises storing of the protection state in a non volatile memory means of a microcontroller, sensing by means of said microcontroller the state of the protection from a non volatile memory means and checking of said state of protection adapted to decide whether to check for fault or not to check for fault. The protection state is checked and if it is disabled the said microcontroller does not issue trip even when fault is detected and if the state is enabled said microcontroller issues trip if fault is detected. The invention also relates to a system to Enable / Disable factory set fixed protection settings.

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

(21) Application No.784/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS OF SERIAL COMMUNICATION IN THE ELECTRICAL DEVICES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04B10/207, H04L12/28 :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ZAINAB VEJLANI
(87) International Publication No	: NA	2)USUFE SHAIKH
(61) Patent of Addition to Application Number	:NA	3)BHANWAR LAL BISHNOI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a process of serial communication over GPIO port pin. The process provides multiple port pins which can be used for communication without absorbing bandwidth of a microcontroller. Further, the process provides communication in the electrical devices which is done effectively by configuring one timer for set value and detecting the transition in this routine.

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

(21) Application No.379/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/02/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: DUPLEX STAINLESS STEEL

(51) International :C22C38/02,C22C38/42,C22C38/44 classification

(31) Priority Document No :FI20110291 (32) Priority Date :07/09/2011

(33) Name of priority country: Finland

(86) International Application :PCT/FI2012/050858

:05/09/2012 Filing Date

(87) International Publication :WO 2013/034804

No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant: 1)OUTOKUMPU OYJ

Address of Applicant : Riihitontuntie 7 FI 02200 Espoo

FINLAND.

(72)Name of Inventor: 1)OLIVER James 2)JONSSON Jan Y.

3)THULIN Alexander

The invention relates a duplex ferritic austenitic stainless steel having high formability utilizing the TRIP effect and high corrosion resistance with the balanced pitting resistance equivalent. The duplex stainless steel contains less than 0 04 weight % carbon less than 0 7 weight % silicon less than 2 5 weight % manganese 18 5 22 5 weight % chromium 0 8 4 5 weight % nickel 0 6 1 4 weight % molybdenum less than 1 weight % copper 0 10 0 24 weight % nitrogen the rest being iron and inevitable impurities occurring in stainless steels.

No. of Pages: 22 No. of Claims: 17

(19) INDIA

(21) Application No.613/MUMNP/2014 A

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 23/01/2015

(54) Title of the invention: AUTONOMOUS 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 (62) Divisional to Application Number Filing Date 	:A63H11/02 :61/543047 :04/10/2011 :U.S.A. :PCT/US2012/021570 :17/01/2012 :WO 2013/052140 :NA :NA :NA	(71)Name of Applicant: 1)INNOVATION FIRST INC. Address of Applicant:1519 Int. 30 W. Greenville Texas 75402 U.S.A. (72)Name of Inventor: 1)MIMLITCH III Robert H. 2)NORMAN David Anthony 3)OLIVERA Raul 4)NEEDEL Gregory E.
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(57) Abstract:

An apparatus includes a housing a rotational motor situated within the housing an eccentric load adapted to be rotated by the rotational motor and a plurality of legs each having a leg base and a leg tip at a distal end relative to the leg base. The legs are coupled to the housing at the leg base and include at least one driving leg constructed from a flexible material and configured to cause the apparatus to move in a direction generally defined by an offset between the leg base and the leg tip as the rotational motor rotates the eccentric load.

No. of Pages: 46 No. of Claims: 35

(21) Application No.703/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: PEST CONTROL FORMULATIONS AND METHODS OF MAKING AND USING SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International	:A01N65/26,A01N25/02,A01N25/30 :61/542993 :04/10/2011 :U.S.A.	(71)Name of Applicant: 1)0903608 B.C. LTD. Address of Applicant: 2800 666 Burrard Street Vancouver British Columbia V6C 2Z7 Canada (72)Name of Inventor: 1)MANHAS Karan 2)ROZEK Annett
Application No Filing Date	:04/10/2012	
(87) International Publication No	:WO 2013/050967	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Compositions useful for controlling pests are disclosed. In some embodiments the composition includes a pesticidal natural oil and a polar aromatic solvent. Methods of making and using the compositions are disclosed.

No. of Pages: 85 No. of Claims: 152

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: THIN FILM SOLAR CELL MODULE AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:H01L27/142, H01L31/0224, H01L31/05	(71)Name of Applicant: 1)SAMSUNG SDI CO., LTD Address of Applicant: 428-5, Gongse-dong, Giheung-gu,
(31) Priority Document No	:61/665,736	Yongin-si, Gyeonggi-do, Republic of Korea
(32) Priority Date	:28/06/2012	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)Young-Kyoung Ahn
(86) International Application No	:NA	2)Jung-Yup Yang
Filing Date	:NA	3)Bong-Kyoung Park
(87) International Publication No	: NA	4)Yury Lebedev
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		•

(57) Abstract:

A thin film solar cell module and a method of manufacturing a thin film solar cell module. A thin film solar cell module includes: a thin film solar cell including a first substrate, and a first electrode layer on the first substrate; a second substrate covering the thin film solar cell; and a sealing tape between the thin film solar cell and the second substrate, the sealing tape including a first adhesive layer having a conductivity and being attached to an edge portion of the first electrode layer; a metal layer on the first adhesive layer; and a second adhesive layer on the metal layer and attached to the second substrate.

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

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MECHANISM FOR ENGAGING AND DISENGAGING THE MANUAL MODE FOR A MOTOR OPERATED AUTOMOBILE SIDE WINDOW GLASS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B62M11/14, B62M11/00 :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
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GIBI GEORGE ABRAHAM
(87) International Publication No	: NA	2)GAIKWAD KUNAL SURESH
(61) Patent of Addition to Application Number	:2903/MUM/2009	
Filed on	:16/12/2009	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the window winding mechanism for engaging and disengaging the manual mode for a motor operated side window glass of an automobile. Said mechanism comprises; a rotating shaft (4), a bearing (5) on which said rotatingshaft (4) is rotatably mounted, sleeve 2 mounted on said rotating shaft 4, a drive gear 1 fixed on said sleeve 2, a pin 6 mounted on said sleeve 2. first spring loaded plunger 7 which sits on a hole drilled in said rotating shaft 4, second spring loaded plunger 9 used for disengaging the manual mode, helical spring 10 pushes said sleeve 2 out thereby disengaging the gears 1 and 3 out of mesh, a handle 8 fixed on the sleeve 2, a driven gear 3 connected to the worm shaft of the motor which operates window glass. Said helical spring 10 detaches said drive gear 1 and driven gear 3 out of mesh when manual mode is disengaged. Said pin 6 rides in a keyway 11 provided in said rotating shaft 4. The present mechanism helps to engage and disengage a manual override for the motor operates window glass. This mechanism also ensures that said handle 8 used for operated window glass when in manual mode, does not rotate when the glass us operated in motor operated mode.

No. of Pages: 24 No. of Claims: 13

(21) Application No.633/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: LED ACTUATION FOR RUNNING LIGHT FLASHERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:18/02/2013 :WO 2013/123542 :NA	(71)Name of Applicant: 1)ZIZALA LICHTSYSTEME GMBH Address of Applicant: Scheibbser Strae 17 A 3250 Wieselburg Austria. (72)Name of Inventor: 1)PETSCH Daniel
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A light emitting diode chain comprising a plurality of light emitting diodes (LED1....LED4) which are connected in series and fed by a power source in which each light emitting diode is assigned an actuating circuit (5) that has a series circuit of a reference voltage sink (D1) of the voltage (U) and of a controlled switch (Q) said circuit being connected in parallel to the light emitting diode and designed to compare the control voltage (Ust) on a common control line (4) for all actuating circuits measured against a base point of the LED series circuit to the voltage at the connection of the switch to the subsequent LED in the chain or the base point and to close or open the switch if the control voltage (Ust) falls below a specified value or exceeds a specified value.

No. of Pages: 22 No. of Claims: 12

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: BUSINESS INTELLIGENCE REPORTS WITH NAVIGABLE REFERENCE INDICATORS

(51) International classification	:G06Q10/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RIYAZ, Malukanparampil Meer Mohammed
(87) 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 subject matter relates to generation of business intelligence reports with navigable reference indicators. The method comprises obtaining information from an information source for providing in a business intelligence report. Further, report parameters are obtained through a user interface, wherein the report parameters include at least notes and indicator parameters. The notes and indicator parameters indicate a plurality of navigable reference indicators to be included in the business intelligence report. The method further comprises mapping the notes and indicator parameters with the obtained information. Based on the mapping, the business intelligence report is generated with the plurality of navigable reference indicators. Further, the plurality of navigable reference indicators provides a forward and backward link between two or more sections of the business intelligence report.

No. of Pages: 35 No. of Claims: 15

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: SENSOR FOR MEASURING MECHANICAL TENSIONS IN WIRES

(51) International classification(31) Priority Document No(32) Priority Date	:G01G19/14 :NA :NA	(71)Name of Applicant: 1)DINACELL ELECTRONICA, SL. Address of Applicant: Calle El Torno nº: 8. Pol. Industrial
(33) Name of priority country	:NA	Santa Ana. 28522 Rivas Vaciamadrid, Madrid. Spain
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Gonz;lez Gallegos, Rafael
(87) 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:

Sensor for measuring mechanical tensions in wires consisting of a metallic parallelepiped-shaped body (1), with a mechanical design (4) for extensometric gauges from which supporting and fixing elements (2, 2TM) stem from either one or both its faces, and which are provided with perimetric indentations. The supporting elements are three rods or rigid pivots arranged on the nodes of a tetractys pattern with respect to the longitudinal axis of the body, one of them (2) being in an extremal position, mobile, retractile by shift both forwards and backwards in order to allow for it to be brought back to its forward operating position. On the rear face, it is endowed with an isolated surface portion (6), limited by lowered fringes (7a, 7b) allowing the engagement of a wrench (8), either adjustable or not, with which to exert a levering action. Furthermore, it provides a protecting case (9), adaptable and fixable by pressure to the body (1) of the sensor.

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

(21) Application No.803/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR SECURE ACCESS MODULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06F21/60 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MAXIM INTEGRATED PRODUCTS, INC. Address of Applicant: 160 RIO ROBLES DRIVE, SAN JOSE, CA 95134, U.S.A. (72)Name of Inventor: 1)LOISEL, YANN YUES RENE
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)MISHRA, BHARTENDU

(57) Abstract:

Various embodiments of the invention provide a strong logical link between a SAM and a secure terminal to combat SAM counterfeiting and misuse. The link is based on mutual validation methods using firmware and cryptographic protocols. Once the SAM is removed from a terminal that it has been tied to, or the link is broken by a tampering attempt of a potential intruder, the SAM and / or the terminal are disabled.

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

(21) Application No.721/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHODS AND APPARATUS FOR HANDLING FAILURE AND RETRY MECHANISMS DURING EHRPD PRE REGISTRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04W36/00 :61/549719 :20/10/2011 :U.S.A. :PCT/US2012/060246 :15/10/2012 :WO 2013/059120	(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)ZHAO Suli 2)BALASUBRAMANIAN Srinivasan
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)PAYYAPPILLY Ajith Tom 4)KUMAR Vaibhav 5)JU Shian De

(57) Abstract:

Aspects disclosed herein relate to effectively handling failure and retry mechanisms during pre registration for an eHRPD optimized handover. In one example a UE may be equipped to detect one or more instances of failure during a preregistration procedure as part of an optimized handover process. The UE may further be equipped to perform one or more pre registration retry processes based on the detected one or more instances of failure. In one aspect the one or more instances of failure may include any combination of a permanent LTE connection failure a temporary LTE connection failure a session negotiation failure a virtual connection failure when bringing up a data call a link control protocol (LCP) failure etc.

No. of Pages: 62 No. of Claims: 52

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: WHOLE BLOOD NK CELL CYTOTOXICITY ASSAY BY FLOW CYTOMETRY

(51) International classification	:G01N33/53	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF
(32) Priority Date	:NA	IMMUNOHAEMATOLOGY (ICMR)
(33) Name of priority country	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(86) International Application No	:NA	IMMUNOHAEMATOLOGY (ICMR)13TH FLOOR, NEW
Filing Date	:NA	MULTISTOREYED BLDG, KEM HOSPITAL, PAREL,
(87) International Publication No	: NA	MUMBAI-400012 Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. MANISHA MADKAIKAR
(62) Divisional to Application Number	:NA	2)DR. KANJAKSHA GHOSH
Filing Date	:NA	

(57) Abstract:

The invention relates to an assay for determining NK-Cell cytotoxicity and the invention particularly relates to a new and improved whole blood flow cytometry based assay. Since in this method, whole blood is used instead of purified cells, the requirement of blood sample volume is significantly reduced and also consumes less time. This assay can be applicable for routine evaluation of NK cell cytotoxicity of patients with various disorders, especially pediatric patients.

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

(21) Application No.773/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR CONCENTRATION AND INCINERATION OF BIOMETHANATED SPENT WASH

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	C02F1/28 :NA :NA :NA	(71)Name of Applicant: 1)PRAJ INDUSTRIES LIMITED Address of Applicant: PRAJ HOUSE, BAVDHAN, PUNE - 411021, Maharashtra India (72)Name of Inventor:
(86) International Application No	:NA	1)GHANSHAM BABURAO DESHPANDE
Filing Date	:NA	2)SADANANDA DAYANAND KONCHADY
(87) International Publication No	: NA	3)BHARAT ASHOK KADU
(61) Patent of Addition to Application Number	:NA	4)SHRADDHA VIKAS POTDUKHE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method of simultaneous concentration and incineration of a biomethanated spent wash produced in an alcohol distillery, more particularly to the incineration of concentrated BSW and using heat so generated to produce steam useful to perform work in said distillery plant.

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

(21) Application No.654/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND APPARATUS FOR TREATING PESTS

(31) Priority Document No	:C02F1/50,B08B9/027,B63B13/00 :61/534486	1)WISEARTH IP INC.
(32) Priority Date	:14/09/2011	Address of Applicant :PO Box 140241 Irving TX 75014
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No Filing Date	:PCT/US2012/055515 :14/09/2012	(72)Name of Inventor : 1)BRADBURY Rod
(87) International Publication No	:WO 2013/040413	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device for treating pests and method for using the same. The device comprises an effective amount of endod. The device can be placed in a body of water wherein the endod treats the pests. Additionally the device can be placed in a pipe whereby a combination of the endod and the mechanical force of the water removes the pests in the pipe.

No. of Pages: 18 No. of Claims: 17

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: LEAK PROOF AGITATOR GEAR BOX WITH CONTROLLED RUN-OUT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H61/02, B01F7/22 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Amin Ayush Bhaskarbhai Address of Applicant: C1 - I53, G.I.D.C Phase IV Opp. Patalkuva Vitthal Udyog Nagar 388 121 Anand Gujarat India (72)Name of Inventor: 1)Amin Ayush Bhaskarbhai
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(57) Abstract:

The present invention discloses an agitator gear box mainly consists of an input section (1), a gear reduction section (19) and an output section (18). The input section (1) comprises a replaceable input flange (17) and a hollow shaft sleeve (16) to suit different range of the prime mover shaft. The present invention also discloses a multiple sealing arrangement to avoid oil leakage. An output flange (13) of the present invention comprises a multiple male steps (15) and a multiple pitch circled diameter (PCD) (16) to fulfill requirement of variable rand of drive supports without changing the output flange (13). The present invention also comprises an adjustable bearing housing (8) suitable for wide range of bearing for variable range of shaft diameter.

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

(19) INDIA

(22) Date of filing of Application: 07/02/2014

(21) Application No.253/MUMNP/2014 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: CONSTITUTIVELY ACTIVE UPAR VARIANTS AND THEIR USE FOR THE GENERATION AND ISOLATION OF INHIBITORY 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 	:A61K38/49 :61/515506 :05/08/2011 :U.S.A. :PCT/EP2012/065198 :02/08/2012 :WO 2013/020898 :NA :NA :NA	(71)Name of Applicant: 1)IFOM FONDAZIONE ISTITUTO FIRC DI ONCOLOGIA MOLECOLARE Address of Applicant: Via Adamello 16 I 20139 Milan (MI) ITALY. (72)Name of Inventor: 1)SIDENIUS Nicolai 2)GANDHI Sonu
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(57) Abstract:

The invention relates to variants of the urokinase plasminogen activator receptor (uPAR) that display remarkably increased vitronectin (VN) binding activity possibly caused by a more efficient exposure of the VN binding site. The present invention also refers to antibodies raised against said uPAR variants able to bind to the VN binding site of uPAR and then acting as inhibitors of uPAR functions acting as functional antagonists of VN activated uPAR functions. In the present invention such antibodies are monoclonal polyclonal synthetic or recombinant derivatives thereof as synthetic antibodies (scFv) from phage display libraries. Antibodies of the invention act as competitive antagonists.

No. of Pages: 94 No. of Claims: 25

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: UNDERWEAR TYPE DIAPER AND METHOD FOR PRODUCING SAME

(51) International (71)Name of Applicant: :A61F13/496,A61F13/15,A61F13/49 classification 1)ZUIKO CORPORATION (31) Priority Document No Address of Applicant: 15 21 Minamibefu cho Settu Shi Osaka :2011-290474 (32) Priority Date :30/12/2011 5660045 Japan (33) Name of priority (72)Name of Inventor: :Japan country 1) UMEBAYASHI Toyoshi (86) International :PCT/JP2012/081647 Application No :06/12/2012 Filing Date (87) International :WO 2013/099554 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

An underwear type diaper provided with: a diaper body (2) having a front section (20) for covering a wearer s ventral side a back section (21) for covering a wearer s dorsal side and a crotch section (22) between the front section (20) and the back section (21); one side panel (3) overlapping in a waist encircling direction with one side edge of the front section (20) and with one side edge of the back section (21); and a different side panel (3) overlapping in the waist encircling direction with a different side edge of the front section (20) separated in the waist encircling direction from the one side edge thereof and with a different side edge of the back section (21) separated in the waist encircling direction from the one side edge thereof wherein the side panels (3) are seamlessly continuous in the waist encircling direction and contain a filamentous elastic member (F) extending in the waist encircling direction and a pair of webbings (W) sandwiching the elastic member.

No. of Pages: 44 No. of Claims: 15

:WO/2008/122769

(21) Application No.608/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 23/01/2015

(54) Title of the invention: ADENOVIRAL VECTOR ENCODING MALARIA ANTIGEN

(51) International classification :A61K39/015
(31) Priority Document No :0706914.9
(32) Priority Date :10/04/2007

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

(86) International Application No :PCT/GB2008/001175
Filing Date :10/04/2008

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

(87) International Publication No

Filing Date

(62) Divisional to Application Number :2087/MUI

(62) Divisional to Application Number :2087/MUMNP/2009 Filed on :09/11/2009 (71)Name of Applicant:

1)ISIS INNOVATION LIMITED

Address of Applicant :Ewert House Ewert Place Summertown

Oxford OX2 7SG. Great Britain U.K.

2)OKAIROS AG (72)Name of Inventor : 1)REYES, Arturo 2)HILL, ADRIAN

3)O'HARA, GERALDINE 4)COLLOCA, STEFANO 5)CORTESE, RICCARDO

(57) Abstract:

The invention provides recombinant adenoviral vectors which are capable of eliciting immunity against the pre-erythrocytic stage of the life cycle of the malaria parasite. In particular, the invention provides a recombinant, replication deficient simian adenoviral vector which encodes an antigen comprising the thrombospondin-related adhesion protein (TRAP), and also immunogenic compositions (e.g. vaccines) comprising the vector and methods of using such compositions.

No. of Pages: 67 No. of Claims: 8

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: WIRELESS ELECTRICITY GENERATION USING MOBILE NETWORK RADIATION

(51) International classification	:H01F27/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G.H.RAISONI COLLEGE OF ENGINEERING
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(33) Name of priority country	:NA	Road,Nagpur -440016 Maharashtra India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Abhijeet P. Daigavane
(61) Patent of Addition to Application Number	:NA	2)Prof. P. S. Hedaoo
Filing Date	:NA	3)Prof. A.S. Titarmare
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention comprises of conserving the energy by means of the simple yet, ingenious circuit. The power wasted in the transmission of the FM signals is not judiciously used and is hence, wasted. And with the help of this circuit electricity can be generated from the signal radiations present in the atmosphere. In addition to that, the areas hit by the ill effects of the signal radiations can be protected by minimizing the radiations using array of such circuits. Following invention is described in detail with the help of Figure 1 of sheet 1 showing circuit diagram of the preferred embodiment.

No. of Pages: 7 No. of Claims: 3

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DESIGN AND MODELING OF WHEAT REAPING MACHINE

(51) International classification	:A01D57/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G.H.RAISONI COLLEGE OF ENGINEERING
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(33) Name of priority country	:NA	Road,Nagpur -440016 Maharashtra India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Nilesh P. Awate
(61) Patent of Addition to Application Number	:NA	2)Pushparaj R.J
Filing Date	:NA	3)Shubhranshu Shekhar
(62) Divisional to Application Number	:NA	4)Punit . Agrawal
Filing Date	:NA	5)Swapnil . D. Paunikar

(57) Abstract:

Wheat is one of the potential agricultural commodities grown in India. When the harvest come, people still use a very simple method for harvesting wheat by using sickles. The farmers complaining for the need of so many work forces for harvesting while the labor cost are getting increased and the time spent for harvesting process are too long. Even there is an alternative of an imported Wheat harvesting machine, but those machines are not compatible with the farming environment in India which has a small and sectional area for farming, and also the cost is very high, not affordable by Indian farmers. The designed machine is a Wheat Ripping machine that would be used for farming condition in India. This project focuses on design of the main cutter of the machine. The Cutter will be designed to cut the wheat straw at an angle which will require optimum power. To make run this machine employs power transmission system from the engine. Following invention is described in detail with the help of figure 1 of Sheet 1 showing design mechanism of embodiment, figure 2 of Sheet 2 showing speed flow diagram, Figure 3 of sheet 2 showing three teeth blade, figure 4 of Sheet 3 showing pictorial view of wheat reaping machine.

No. of Pages: 14 No. of Claims: 7

(21) Application No.767/MUM/2013 A

(19) INDIA

(22) Date of filing of Application: 13/03/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention: DESIGN AND MODELLING OF COTTON PICKER CUM BOOM SPRAYER

(51) International classification	46/00, A01M	
(21) Principle Decomment No	7/00	Road, Nagpur -440016 Maharashtra India
(31) Priority Document No	:NA	2)G.H.R. Labs and Research Centre
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Nilesh P Awate
(86) International Application No	:NA	2)Devendra Gotmare
Filing Date	:NA	3)Ankit Bedi
(87) International Publication No	: NA	4)Akash Tarnekar
(61) Patent of Addition to Application Number	:NA	5)Puneet Dhar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention provides a new technology in the field of spraying pesticides and cotton ball picking mechanism and to develop a machine which is low weight ergonomically which could be used to pick cotton bolls. The invention deals with the automation of work in the agriculture. The invention aims at use of same apparatus for two processes viz. pesticide spraying and cotton ball picking. Following invention is described in detail with the help of Figure 1 of Sheet 1 showing conceptual design of one of the preferred embodiment, Figure 2 of Sheet 2 showing design for pneumatic conveying, Figure 3 of sheet 2 shows Pictorial view of V Belt, Figure 4 of sheet 3 showing automated design of front view of the embodiment, Figure 5 of sheet 3 showing automated design of side view of the embodiment.

No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD FOR PROTECTION SETTING CHANGE DETECTION IN CIRCUIT BREAKER TRIP UNIT

	:H02H	(71)Name of Applicant :
(51) International classification	3/00,	1)LARSEN & TOUBRO LIMITED
	H02H 1/00	Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(31) Priority Document No	:NA	001, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)USUFE SHAIKH
(86) International Application No	:NA	2)BHANWAR LAL BISHNOI
Filing Date	:NA	
(87) 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 protection setting change detection of a trip unit of a circuit breaker in absence of power. In this method, the settings of switches of the trip unit are stored in non volatile memory. This setting is frequency checked for update when the breaker is in LIVE mode. By storing the data in non volatile memory, the availability is ensured even when the power is OFF. When change the setting in OFF mode occurs and when the power is restored, the trip unit reads the switch settings and compares it with stored value. If the trip unit finds the difference in the two values, then the trip unit sends an alarming signal to customer for acknowledgement. The trip unit also registers it as an offline event in the history for future action.

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

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: WORK MACHINE WITH COMPACT GENERATOR AND HYDRAULIC DRIVE ASSEMBLY

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No Filing Date (88) International Publication No Filing Date (89) International Publication No Filing Date Filing D	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/426095 :21/03/2012 :U.S.A. :NA :NA :NA :NA	MOLINE, ILLINOIS, 61265-8098, U.S.A. (72)Name of Inventor: 1)MCKINZIE KYLE K 2)VOTH DANNY G
(62) Divisional to Application Number :NA Filing Date :NA			

(57) Abstract:

A work machine in which the engine and power output system is to be contained within a minimal volume in an engine compartment. A gear housing is mounted to and receives the output of the internal combustion engine and has side by side gears meshing with a first input gear, one of which drives a generator and the other drives an internal lubricant pump as well as an external hydraulic pump. The gears are in substantially the same plane. The output of the generator is connected via a controller to a motor which drives a transmission system for driving the wheels of the vehicle. The gear housing permits placement of additional components within the engine compartment while taking up a minimum volume.

No. of Pages: 13 No. of Claims: 9

(21) Application No.776/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A METHOD FOR HYDRAULICALLY FILLING A CLUTCH WITHOUT USING A CALIBRATION ROUTINE

(51) International classification	:F16D48/02	(71)Name of Applicant :
(31) Priority Document No	:13/425,984	1)DEERE & COMPANY
(32) Priority Date	:21/03/2012	Address of Applicant :ONE JOHN DEERE PLACE,
(33) Name of priority country	:U.S.A.	MOLINE, ILLINOIS, 61265-8098, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JOHNSON ANTHONY K
(87) 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 hydraulically filling a clutch without using a calibration routine. The clutch comprises a spring and a clutch cavity, and the spring and the clutch cavity are positioned inside of the clutch. A valve is associated with the clutch and is configured for allowing a fluid to flow to and from the clutch cavity. The method comprises the step of sending a wakeup current to a valve. The wakeup current is sent to the valve for allowing the fluid to substantially fill the clutch cavity. Still further, the method comprises the step of determining whether the spring is compressed and, also, determining whether a speed ratio of the powertrain is unknown. Further yet, the method comprises the step of sending a ramped hold current that rises relatively gradually to the valve if the spring is compressed and if the speed ratio is unknown.

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

(21) Application No.665/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/04/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: HIGHLY SAFE CONTROL MECHANISM FOR A DEVICE FOR THE SEALED TRANSFER BETWEEN TWO CLOSED SPACES

(51) International classification :B01L1/02,F16J13/18,G21F7/005 (71)Name of Applicant: (31) Priority Document No 1)GETINGE LA CALHENE :11 59327 (32) Priority Date :14/10/2011

Address of Applicant: 1 rue du Comt de Donegal F 41100

(33) Name of priority country Vendome France :France (86) International Application (72)Name of Inventor: :PCT/EP2012/070194 1)CHAVROT Bernard :11/10/2012

(87) International Publication :WO 2013/053844 No

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

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(57) Abstract:

Filing Date

The invention relates to a device for the sealed transfer between an enclosure and a container which provides a very high level of safety and which comprises latches for opening the doors in a completely safe manner as well as a protective latch (92) for preventing the performance of an opening operation in the event an attempt is made to remove the container.

No. of Pages: 41 No. of Claims: 14

(21) Application No.768/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : AN IMPROVED SYSTEM AND METHOD TO PROVIDE DIFFERENTIATED DATA CONNECTIVITY

(51) International classification	:H04L12/26	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RAHUL GANESH AGALE
(32) Priority Date	:NA	Address of Applicant :B-11, 3RD FLOOR, SADGURU HSG.
(33) Name of priority country	:NA	SOC., BEHIND SHIVAJI HSG. SOC, SENAPATI BAPAT
(86) International Application No	:NA	ROAD, PUNE-411016 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAHUL GANESH AGALE
(61) Patent of Addition to Application Number	:734/MUM/2012	
Filed on	:20/03/2012	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an Improved System to Provide Differentiated Data Connectivity comprising a Communication device configured with a unique Access identifier, an Access network with a configurable Network Gateway, an Authentication authorization and accounting server connected to a database server, a Remote server connected with the communication device by a differentiated data connection , the said remote server also connected to the Authorisation, Authentication and Accounting network comprising a Authentication authorization and accounting server (AAA) , a database server and Administration server, and the private network. The said remote server connected to AAA network through IP network.

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

(21) Application No.737/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: LIFE COUNT WITH BREAKER INFORMATION MODULE FOR CIRCUIT BREAKERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H02H1/06 :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA (72)Name of Inventor: 1)SAKADEVAN, CAUSHALYA
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a system and a method for life count of circuit breakers. The system comprises a release unit for processing and sensing faults; a trip alarm contact and an auxiliary contact for providing trip alarm contact signal and auxiliary signal; a flux shift device (FSD) and a shunt trip unit for tripping the circuit breaker; a life counter unit for computing the remaining life of the circuit breaker by sensing the trip signal from FSD, shunt trip unit, auxiliary contact and trip alarm contact.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A SYSTEM AND A METHOD FOR REMOVAL OF UNDERCUTS IN MOULDS

(51) International classification	:B29C45/44, B29C33/44	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PURWAR, VISHAL
Filing Date	:NA	2)HARIDAS, HARSHA
(87) International Publication No	: NA	3)BANDGAR, SNEHAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4 4		·

(57) Abstract:

The present invention provides a system and method for removing the undercuts from a component in moulds. The system for removing the undercuts in moulds comprises a punch; a die for making the component(s); and an ejector plate comprising an ejector pin for ejecting the component(s) from the die. The system further comprises a swivel side core assembly connected to the die using a connecting means for removing undercuts from the component(s), thereby ejecting the component(s) from the mould(s).

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

(21) Application No.730/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: MANUFACTURING METHOD FOR STEPPED RECTANGULAR PIPE

(51) International classification :B21D41/04,B21D51/16 (71)Name of Applicant : (31) Priority Document No 1)NISSHIN STEEL CO. LTD. :2011-217071 (32) Priority Date Address of Applicant: 4 1 Marunouchi 3 Chome Chiyoda ku :30/09/2011 (33) Name of priority country Tokyo 1008366 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2012/074869 1)TANOUE Ryuji Filing Date :27/09/2012 (87) International Publication No :WO 2013/047649 2)SASAKI Hirokazu (61) Patent of Addition to Application 3)NAKAMURA Naofumi :NA 4)KUROBE Jun :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A manufacturing method for a stepped rectangular pipe employing a simple device and a straightforward manufacturing process is provided. The rectangular pipe thereby obtained has a satisfactory appearance and is inexpensive to produce. A V shaped groove that is parallel to the lengthwise direction of the rectangular pipe (10) is formed on each side of the tube end of the rectangular pipe (10) and each side having a V shaped groove thereon is pressed by flat outer dies (40a 40b) thereby compressing the tube end of the rectangular pipe (10). The V groove on each side of the tube end of the rectangular pipe (10) is formed by: positioning a first die which has V shaped recesses formed thereon on the inner side of the tube end of the rectangular pipe (10); positioning second dies each of which has a V shaped protrusion on the surface on the outer sides of the tube end of the rectangular pipe opposite the recesses; and pushing the second dies toward each side of the tube end of the rectangular pipe.

No. of Pages: 29 No. of Claims: 4

(21) Application No.731/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: MANUFACTURING METHOD FOR STEPPED RECTANGULAR PIPE

(51) International classification :B21D41/04,B21D51/16 (71)Name of Applicant : (31) Priority Document No 1)NISSHIN STEEL CO. LTD. :2011-217072 (32) Priority Date Address of Applicant: 4 1 Marunouchi 3 Chome Chiyoda ku :30/09/2011 (33) Name of priority country Tokyo 1008366 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2012/074870 1)TANOUE Ryuji Filing Date :27/09/2012 (87) International Publication No :WO 2013/047650 2)SASAKI Hirokazu (61) Patent of Addition to Application 3)NAKAMURA Naofumi :NA 4)KUROBE Jun :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A manufacturing method for a stepped rectangular pipe employing a simple device and a straightforward manufacturing process is provided. The rectangular pipe thereby obtained has a satisfactory appearance and is inexpensive to produce. On each side of the tube end of a rectangular pipe having a rectangular cross section V shaped grooves are formed in a direction that is parallel to the lengthwise direction of the rectangular pipe a rotating flat roller is brought near to each side having a V shaped groove formed thereon and used to press said side and the tube end of the rectangular tube (10) is thereby compressed. The V shaped groove on each side (10a) (10d) of the tube end of the rectangular pipe (10) is formed by: inserting an internal die having V shaped recesses formed thereon into the inner side of the tube end of the rectangular pipe (10); positioning V shaped rollers each of which has a V shaped protrusion on the surface on the outer sides of the tube end of the rectangular pipe opposite the recesses; and rotating the V shaped rollers while pushing said V shaped rollers toward each side (10a) (10d) of the tube end of the rectangular pipe (10).

No. of Pages: 23 No. of Claims: 3

(21) Application No.732/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/04/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: PROCESS FOR IMPROVING WEAVABILITY OF A YARN

(51) International :D02G3/00,D04B35/24,D06M15/03 classification

(31) Priority Document No :MI2011A001901 (32) Priority Date :19/10/2011

(33) Name of priority country: Italy

(86) International Application :PCT/IB2012/055761

No :19/10/2012 Filing Date

(87) International Publication :WO 2013/057723 No

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)CANEPA S.P.A.

Address of Applicant: Via Trinit 1 I 22020 San Fermo della

Battaglia (CO) Italy (72)Name of Inventor: 1)SAIBENE Alfonso 2)SAIBENE Carlotta

A process for improving weavability of a yarn comprises a step of application of a chitosan containing reinforcement product and a later chitosan crosslinking step.

No. of Pages: 25 No. of Claims: 30

(21) Application No.753/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: LOWER BEARING ASSEMBLY FOR SCROLL COMPRESSOR

(51) International classification(31) Priority Document No(32) Priority Date	:F04C23/00 :NA :NA	(71)Name of Applicant: 1)EMERSON CLIMATE TECHNOLOGIES, INC. Address of Applicant: 1675 W. CAMPBELL ROAD,
(33) Name of priority country	:NA	SIDNEY, OHIO 45365, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JUGE VINAYAK MADANRAO
(87) International Publication No	: NA	2)MAGADUM SUNIL A.
(61) Patent of Addition to Application Number	:NA	3)GEHRET NATALIE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A compressor including a shell, and a compression mechanism disposed in the shell including a first scroll member having a first spiral wrap and a second scroll member having a second spiral wrap intermeshed with the first spiral wrap. A drive shaft has a first end engaged with the first scroll member for moving the first scroll member relative to the second scroll member, and a bearing assembly including a bearing housing rotatably supports a second end of the drive shaft. A base is secured to the shell, and a mounting feature formed on either the bearing assembly or the base orients the bearing assembly relative to the base.

No. of Pages: 19 No. of Claims: 20

(21) Application No.385/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/02/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: COMPOSITION AND DRESSING FOR WOUND TREATMENT

(51) International classification :A61K38/36,C07K14/745 (71)Name of Applicant : (31) Priority Document No 1)PROTEGE BIOMEDICAL LLC :61/533484 (32) Priority Date :12/09/2011 Address of Applicant: 720 Bighorn Drive Chanhassen MN (33) Name of priority country :U.S.A. 55317 U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/054928 Filing Date :12/09/2012 1)WUOLLETT Michael (87) International Publication No :WO 2013/040080 2)WUOLLETT Susan (61) Patent of Addition to Application :NA :NA

Filing Date

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

(57) Abstract:

The invention provides methods and compositions for wound treatment and/or blood clot formation e.g. arresting the flow of blood from an open wound. The methods and compositions provide for promoting and accelerating wound healing and optionally provide for inhibition of microbial infection and/or a local analgesic effect.

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

(21) Application No.729/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/04/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: NOVEL SUBSTITUTED IMIDAZOPYRIMIDINES AS GPBAR1 RECEPTOR MODULATORS

(51) International :C07D487/04,A61K31/519,A61P3/00 classification

(31) Priority Document No :1352/KOL/2011 (32) Priority Date :21/10/2011

(33) Name of priority :India

country

(86) International :PCT/IB2012/055598 Application No

:15/10/2012 Filing Date

(87) International

:WO 2013/057650 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)TORRENT PHARMACEUTICALS LIMITED

Address of Applicant: Torrent House Off Ashram Road State

of Gujarat Ahmedabad 380 009 India

(72)Name of Inventor: 1)DUTT Chaitanva

2) CHAUTHAIWALE Vijav 3)GUPTA Ramesh Chandra 4)GHALSASI Sameer

5)TULI Davinder 6)DESHPANDE Shailesh 7) CHAUDHARI Anita

8)ZAMBAD Shitalkumar

(57) Abstract:

The present invention relates to novel substituted imidazo[1 2 a]pyrimidine compounds of formula (I) their pharmaceutically acceptable salts and their isomers stereoisomers conformers tautomers polymorphs hydrates and solvates. The present invention also encompasses pharmaceutically acceptable compositions of said compounds and process for preparing novel compounds. The invention further relates to the use of the above mentioned compounds for the preparation of medicament for use as pharmaceuticals. (Formula I).

No. of Pages: 84 No. of Claims: 15

(22) Date of filing of Application :07/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : AN ARRANGEMENT FOR INCORPORATION OF TRUE POSITION INDICATION IN ELMCB (RCBO) DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H02H3/14, H01H71/70 :NA :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA (72)Name of Inventor: 1)SANGALE, VASANT, KHANDU
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA :NA :NA :NA	2)SHETYE, GANESH, R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an arrangement for incorporation of true position indication in ELMCB (RCBO) device. The arrangement comprising ELCB ON/OFF operating knob(3); a housing (1) comprises a slot means; a window (1) means placed on said housing (1) adapted to indicate true position indication showing ON and OFF condition; a connecting link (7); a U-pin (6); a cylindrical pin(6); and an indication flag means (4,5). The indication flag means comprises a moving means (4) having indication flag of green color and a fixed means (5) having indication flag of red color, such that said fixed means(5) is inserted permanently in said slot provided to housing .

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

(22) Date of filing of Application :07/03/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention: SERIES HYBRID DRIVETRAIN COMPOSED OF A QUICKLY RECHARGABLE ENERGY STORAGE SYSTEM (WITH SMALL CAPACITY) AND A INTERMITTENTLY-RUN 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 	:H02J1/00, B23K9/10 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant: 1)Kristof Van der Poorten Address of Applicant: Raffelgemstraat 22, 9300 Aalst, Belgium. (72)Name of Inventor: 1)Kristof Van der Poorten
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(57) Abstract:

The system proposed consists of atleast 2 engines (of which one engine is an internal combustion engine which can be quickly started and stopped, and of which the other engine(s) is/are (a) electric engine(s). The electric engine(s) is/are fed by an energy storage system that can be quickly recharged (e.g. a capacitor) with a small capacity. This energy storage system is constantly drained (by the electric engine(s)) and upon or just before the moment of depletion, is recharged fully by means of one of the engines (e.g. by the alternator or dynamo attached to the internal combustion engine).

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

(21) Application No.797/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A HYBRID DRIVE 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 	:B60K6/387,B60W20/00, B60W10/08, :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI 400001, MAHARASHTRA, INDIA (72)Name of Inventor: 1)MR. JANARDHANAN VENKATAPATHI
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An automated manual / automatic transmission with one planetary gear system, at least one electric motor/generator and one lock up clutch is described. A methodology for operating the engine in its fuel efficient region and, an efficient power transmission is described.

No. of Pages: 14 No. of Claims: 9

(21) Application No.747/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: TURBO ELECTRICITY AND TURBO ELECTROLYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F02B33/44 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PAWAR PRASHANT R Address of Applicant: AT. KUSUR, TAL-KARAD, DIST - SATARA, PIN CODE -415103, MAHARASHTRA India (72)Name of Inventor: 1)PAWAR PRASHANT R
 (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:

This turbo electricity and turbo electrolysis invention related with automobile engineering, mechanical engineering, power engineering electrical engineering, hybrid engineering and electrolysis process and environment safety and global warming too. then main technical problem of conventional internal combustion engine is that they are less fuel efficient and engine power get consume because of alternator driven by engine, produce toxic exhaust gases too, to overcome from these above mentioned problem of engine i invented the concept of the turbo electricity and turbo electrolysis, by using my invention any type of engine get best mileage and engine make eco friendly, in this my invention no need of belt, pulley to drive alternator so reduce cost of engine, by using my invention we can supply more oxygen to engine so power output of engine get increase, also by using my invention we can use hydrogen gas as fuel so engine convert into hybrid eco friendly engine which is help us to save our environment, earth and us too.

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

(22) Date of filing of Application :07/03/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : 2 PIECE - FLEXIBLE PREMAXILLA - CORRECTION APPLIANCE AND THE METHOD OF FABRICATION THEREOF

:A61C8/00,	(71)Name of Applicant :
A61J13/00,	
A61J11/00	Address of Applicant :ASSTT. PROFESSOR, DEPT. OF
:NA	ORTHODONTICS & DENTOFACIAL ORTHOPEDICS, OF
:NA	SHARAD PAWAR DENTAL COLLEGE AND HOSPITAL,
:NA	SAWANGI (MEGHE), WARDHA - 442 004, MAHARASHTRA,
:NA	INDIA
:NA	(72)Name of Inventor:
: NA	1)PALLAVI RAM THOMBARE
:NA	
:NA	
:NA	
:NA	
	A61J13/00, A61J11/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The present invention relates to an appliance (2 Piece FPA) for use in the treatment of congenital bilateral cleft lip and palate conditions in infants and particularly to intra-oral devices which are extra-orally activated and the method of fabrication the appliance thereof.

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

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A NOVEL PROCESS FOR LIBERATION OF ERYTHROMYCIN FROM ERYTHROMYCIN SALTS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07H17/08, A61K31/70 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CALYX CHEMICALS AND PHARMACEUTICALS LTD. Address of Applicant: 2, MARWAH'S COMPLEX, SAKIVIHAR ROAD, SAKINAKA, ANDHERI (E), MUMBAI- 400 072, MAHARASHTRA, INDIA (72)Name of Inventor: 1)LAL, BANSI 2)KULKARNI, DILIP GANESH 3)KULKARNI, RAHUL SURESH 4)PAWAR, SANJAY DATTATREYA 5)JADHAV, NARAYAN MURALIDHAR 6)SUDRIK, VILAS ABASO
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(57) Abstract:

The present invention relates to a novel process for the liberation of Erythromycin from Erythromycin salts such as Erythromycin thiocyanate using water as a solvent in presence of a base. Erythromycin obtained by processes of present invention has purity of more than 95%.

No. of Pages: 14 No. of Claims: 7

(21) Application No.742/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM FOR SHORT CIRCUIT I2T ON PROTECTION FOR ELECTRICAL CIRCUIT BREAKERS AND METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (26) International Application No. 	G05F1/573 :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, MAHARASHTRA, INDIA (77)Name of Inventors
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)BHANWAR LAL BISHNOI
(87) International Publication No	: NA	2)APEKSHA B LANDE
(61) Patent of Addition to Application Number	:NA	3)DHRUVI TYAGI
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a system for short circuit protection for electrical circuit breakers. The system comprises a microcontroller, a signal conditioning system capable of providing DC shifted output signal to the microcontroller, a trip circuitry for enabling a tripping mechanism of the electrical circuit breaker on receiving input from the microcontroller and a power supply source for powering the signal conditioning circuitry, the microcontroller and the trip circuitry. Wherein, the microcontroller processes the signal form the signal conditioning system, detects whether short circuit fault is present and gives a command to the trip circuitry to start the trip mechanism.

No. of Pages: 11 No. of Claims: 3

(21) Application No.804/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A METHOD FOR DELIEVERING POWER THROUGH A HYBRID DRIVE 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) Potent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant: BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI 400001, MAHARASHTRA, INDIA (72)Name of Inventor: 1)MR. JANARDHANAN VENKATAPATHI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An automated manual / automatic transmission with one planetary gear system, at least one electric motor/generator and one lock up clutch is described. A methodology for operating the engine in its fuel efficient region and, an efficient power transmission is described.

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

(19) INDIA

(22) Date of filing of Application :28/02/2014

(21) Application No.386/MUMNP/2014 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: APPLICATOR HEAD HAND HELD APPLICATION UNIT APPLICATION DEVICE AND METHOD FOR PRODUCING A SOLAR THERMAL OR PHOTOVOLTAIC MODULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B05C17/005, H01L 31/0525 :11179586.0 :31/08/2011 :EPO :PCT/EP2012/066854 :30/08/2012 :WO 2013/030272 :NA :NA	(71)Name of Applicant: 1)SIKA TECHNOLOGY AG Address of Applicant: Zugerstrasse 50 CH 6340 Baar Switzerland (72)Name of Inventor: 1)BUCK Manuel
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(57) Abstract:

Applicator head (10) for mounting on a paste discharge device (P) fitted with a discharge needle (N) for applying a pasty adhesive or sealant into an elongated recess wherein the applicator head (10) has an flat solid sliding surface (11a) with a width that exceeds the width of the recess to be filled in which a discharge opening (11b) adapted for the discharge needle (N) is provided and which is lined with a felt foam or textile material (15).

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :28/02/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: PREPARATION OF SMALL PORE MOLECULAR SIEVES

(51) International classification	:C01B39/04	(71)Name of Applicant :
(31) Priority Document No	:60/882,056	1)CHEVRON U.S.A. INC.
(32) Priority Date	:27/12/2006	Address of Applicant :6001 Bollinger Canyon Road- 3rd
(33) Name of priority country	:U.S.A.	Floor, San Ramon, California 94583 U.S.A.
(86) International Application No	:PCT/US2007/088435	(72)Name of Inventor:
Filing Date	:20/12/2007	1)MILLER, Stephen J.
(87) International Publication No	:WO/2008/083045	2)YUEN, Lun-Teh
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:1476/MUMNP/2009	
Filed on	:15/07/2009	

(57) Abstract:

Disclosed is a method for preparing crystalline small pore molecular sieves, said method comprising (a) preparing a reaction mixture comprising (1) at least one active source of an oxide of a tetravalent element or mixture of tetravalent elements, (2) optionally at least on active source of an oxide of a trivalent element or mixture of trivalent elements, (3) at least one active source of an alkali metal, (4) seed crystals capable of forming the small pore molecular sieve, (5) a structure directing agent capable of forming the small pore molecular sieve, and (6) an amount of water that is not substantially in excess of the amount required to cause and maintain crystallization of the small pore molecular sieve; and (b) heating said reaction mixture at crystallization conditions for sufficient time to form crystallized material containing crystals of the small pore molecular sieve.

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

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.770/MUM/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: TOOL TONGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47G21/08 :102012102263.1 :16/03/2012 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GROB-WERKE GMBH & CO. KG Address of Applicant:INDUSTRIESTRASSE 4, 87719 MINDELHEIM, GERMANY (72)Name of Inventor: 1)BURKHART GROB
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(57) Abstract:

The invention is characterized in that the tool tongs are formed by a tongs basic element and a tongs clamping element interacting and connected with the tongs basic element wherein in the tool holding position the tongs basic element and the tongs clamping element hold the tool clampingly at its gripping elements, wherein the tongs basic element and/or the tongs clamping element is/are formed of flat material or plate-like material, such as, for example, steel sheet or the like.

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

(21) Application No.750/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ANNULAR DIAPHRAGM COMPRESSION DRIVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 2012 102 207.0	(71)Name of Applicant: 1)BMS SPEAKERS GMBH Address of Applicant: RUE DE GENT 2, 30539 HANNOVER, GERMANY (72)Name of Inventor: 1)DIMITAR KIRILOV DIMITROV
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(57) Abstract:

An annular diaphragm compression driver (1) for electro-acoustic conversion having an annular diaphragm (9), which bears at least one moving coil, having a compression driver housing (2), which a closed housing base (3), opposite the housing base (3) a sound wave routing element (14) having a sound discharge channel (12) which is open at the end, and having at least one annular magnet system unit (4), which has an annular magnet gap (M) and a compression chamber (8), adjoining the magnet gap (M), for an associated annular diaphragm (9), is described. The open sound exit end (15) of the sound discharge channel (12) is in slot form and the sound entry start (16) of the sound discharge channel (12) - which sound entry start is opposite the open sound exit end (15) and adjacent to the compression chamber (8) - is annular. The sound path between the at least one compression chamber (8) and the sound entry start (16) of the sound discharge channel (12) contains an annular collecting space (11), wherein the collecting space (11) and the sound discharge channel (12) contain a central sound guidance body (13) having a portion which merges from an annular cross section into a cross section which matches the slot-like sound exit end (15) of the sound discharge channel (12), and the sound discharge channel (12) is formed between the sound guidance body (13) and a circumferential wall of the sound wave routing element (14).

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

(21) Application No.752/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: LEAD SCREW OPERATED RACK-IN MECHANISM

(51) International classification(31) Priority Document No(32) Priority Date	:B65H1/04 :NA :NA	(71)Name of Applicant: 1)ASCO POWER TECHNOLOGIES, L.P. Address of Applicant: 50 HANOVER ROAD FLORHAM
(32) Friority Date (33) Name of priority country	*	PARK, NJ 07932 USA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOLE DEVANAND
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)SHAH SACHIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lead screw operated rack-in mechanism for an electrical system is disclosed. The lead screw operated rack-in mechanism includes a lead screw, a nut, a drive shaft and a connecting mechanism. The lead screw is supported on a support frame in a way such that the lead screw rotates with respect to the support frame. The nut is disposed on the lead screw, wherein rotary motion of the lead screw facilitates liner motion of the nut on the lead screw. The drive shaft is rigidly disposed on the nut and configures linear motion along with the nut. The connecting mechanism is functionally connected to the drive shaft and the electrical system for facilitating activation and de-activation of the electrical system.

No. of Pages: 29 No. of Claims: 9

(21) Application No.758/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AN IRRIGATION SETUP AND A METHOD OF DEFINING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G05D7/00 :61/610,168 :13/03/2012 :U.S.A. :NA :NA	<i>'</i>
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for determining irrigation time across an area with a predetermined size S and based on desired precipitation quantity Q and precipitation rate P. The irrigation setup has a fluid output LPH > SP. The new irrigation time TNEW is defined as TNEW = Q/PDRY- PDRY is a representative sampling precipitation average based on an indicative percentage PR of lowermost precipitation measurements selected out of a plurality of precipitation measurements taken across the area S.

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

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: LIGHTING/SOUND PRODUCING DEVICE ACTIVATED BY INFLATED BALLOON

(51) International classification :F21V33/00,G10K13/00,A63H27/10

(31) Priority Document No :201110337121.1 (32) Priority Date :31/10/2011 (33) Name of priority country:China

(86) International :PCT/CN2012/070042

Application No
Filing Date

1. C1/CN201
:04/01/2012

(87) International Publication :WO 2013/063869

(61) Patent of Addition to Application Number :NA

Application Number
Filing Date

(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)SHENZHEN PROMOTION CONCEPT CO. LTD.

Address of Applicant :Room 1802 Block A Shenfang Building Ren Minnan Rd. Luohu Shenzhen Guangdong 518001 China

(72)Name of Inventor:

1)HENRIK BO STIELER

(57) Abstract:

A lighting/sound producing device activated by an inflated balloon comprising a lamp/sounder a battery (4) and an enclosure (5). Enclosed in the enclosure (5) is at least a lamp/sounder. The enclosure (5) comprises a gas inlet end (51) a gas outlet end (52) and a gas passage (6) connecting the gas inlet end (51) and the gas outlet end (52) to form a through passage in the enclosure (5) for gas flow. The lamp/sounder is installed in the gas passage (6) and equipped with a sealing device (2) for blocking the gas passage (6) via the sealing device (2). When a balloon is not inflated the lamp/sounder cannot be activated. After the balloon is inflated a pressure difference between the inside and the outside of the balloon is formed pushing the lamp/sounder towards the outer end of the gas passage and sealing off the gas passage and further switching on the electric circuit of the lamp/sounder activates the lamp/sounder.

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

(21) Application No.785/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A KNOB INTERLOCK FOR HORIZONTALLY ADJACENT BREAKERS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) International Publication No Sina Sina Sina Sina Sina Sina Sina Sina	21/18, (71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, MAHARASHTRA, INDIA (72)Name of Inventor: 1)HARIKRISHNAN MANNATTIL
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(57) Abstract:

A knob interlock for two circuit breakers disposed adjacent to each other. The knob interlock two supports (2 & 3) and a slider solid bar (1). The supports (2 & 3) are disposed on the respective circuit breaker. The slider solid bar (1) is slidably disposed over the two supports (2 & 3). Further, the slider solid bar (1) has a slot for facilitating sliding of the slider solid bar (1). A bent portion is configured on the slider solid bar (1) to configure a knob (7) and another bent with two holes (5) for providing padlocking. Also, a hole (6) is configured on either support (2 & 3) disposed towards the two holes (5) for insert and lock with the padlock (8). Therefore, the two supports (2 & 3) and the slider solid bar (1) enables in maintaining one of the circuit breaker in ON position at a time.

No. of Pages: 20 No. of Claims: 1

(22) Date of filing of Application :15/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : MACHINE FOR FINISHING INTERNAL SURFACE USING FILM BACKED ABRASIVES AND METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	B24B21/16, :NA :NA :NA :NA	(71)Name of Applicant: 1)GRIND MASTER MACHINES PVT. LTD. Address of Applicant:B10/B11/B14, MIDC, RAILWAY STATION, AURANGABAD 431005 MAHARASHTRA, INDIA (72)Name of Inventor: 1)MILIND DINKAR KELKAR
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	

(57) Abstract:

The present invention provides a machine and a method for finishing an internal surface using a film of backed abrasives. The method of the present invention utilizes microfinishing attachment for microfinishing the internal diameters. The machine and the method of the present invention provide superior quality finishes using the film backed abrasives.

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

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention : DIRECT CURRENT TRANSMISSION AND DISTRIBUTION SYSTEM AND METHOD OF OPERATING 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 	:H02M :13/842,844 :15/03/2013 :U.S.A. :NA :NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A. (72)Name of Inventor: 1)CHAUDHURI, NILANJAN RAY 2)DATTA, RAJIB
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)GUPTA, RANJAN KUMAR 4)RAJU, RAVISEKHAR NADIMPALLI

(57) Abstract:

A direct current (DC) transmission and distribution (T&D) system includes a plurality of DC-to-DC converter devices defining a plurality of isolatable portions of the DC T&D system. The DC T&D system also includes a DC T&D control system coupled to the DC-to-DC converter devices. The DC T&D control system includes a plurality of current sensors. At least one of the current sensors is positioned at one of the DC-to-DC converter devices. The current sensor is configured to transmit signals representative of a value of DC electric current transmission through the DC-to-DC converter device. The DC T&D control system also includes a plurality of processors. At least one processor is coupled to the current sensor and the DC-to-DC converter device. The processor is configured to regulate DC current transmission through the DC-to-DC converter device as a function of the value of DC current transmission through the DC-to-DC converter device.

No. of Pages: 41 No. of Claims: 20

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A METHOD AND A SYSTEM FOR STORING DATA IN CLOUD STORAGE

(51) International classification	:G06F3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CENTRE FOR DEVELOPMENT OF ADVANCED
(32) Priority Date	:NA	COMPUTING
(33) Name of priority country	:NA	Address of Applicant :Knowledge Park, No. 1, Old Madras
(86) International Application No	:NA	Road, Byappanahalli, Bangalore 560038, Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Payal Saluja
(61) Patent of Addition to Application Number	:NA	2)Bhaskara Prahlada Rao Balireddi
Filing Date	:NA	3)Sarat Chandra Babu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a method for storing data in a storage server connected to a distributed network. The method comprises receiving, by the storage server, a request for storing data from one or more computing devices connected to the distributed network. Then, size of the received data is compared with a threshold data size by an evaluation unit of the storage server. The data is segmented into a plurality of chunks when the size of the received data is more than the threshold data size that is determined based on result of the comparison. Then, the plurality of chunks is transferred for storing in a plurality of storage units of the storage server.

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

(22) Date of filing of Application :08/01/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: INSULATED GATE BIPOLAR TRANSISTOR

(51) International classification

:NA

(31) Priority Document No :EP 11173910.8

(32) Priority Date :14/07/2011 (33) Name of priority

·EPO country

(86) International :PCT/EP2012/063305 Application No

:06/07/2012 Filing Date

(87) International :WO 2013/007654 Publication No

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

 $: H01L29/739, H01L29/06, H01L29/10 \\ \hline \\ (71) \mbox{Name of Applicant:} \\$ 1)ABB Technology AG

Address of Applicant : Affolternstrasse 44 CH 8050 Z¹/₄rich

Switzerland

(72)Name of Inventor: 1)RAHIMO Munaf 2)ANDENNA Maxi 3)CORVASCE Chiara 4)KOPTA Arnost

(57) Abstract:

Filing Date

An IGBT is provided having layers between an emitter electrode (2) on an emitter side (11) and a collector electrode (25) on a collector side (15) comprising: a drift layer (8) of a first conductivity type a base layer (5) which electrically contacts the emitter electrode (2) and is completely separated from the drift layer (8) a first and second source region (7) which is arranged on the base layer (6) towards the emitter side (11) and electrically contacts the emitter electrode (2) a first trench gate electrode (3) which is arranged lateral to the base layer (5) and which is separated from the base layer (5) the first source region (7) and the drift layer (8) by a first insulating layer (31) wherein a channel is formable between the emitter electrode (2) the first source region (7) the base layer (5) and the drift layer (8) a second insulating layer (32) which is arranged on top of the first trench gate electrode (3) an enhancement layer (6) which separates the base layer (5) from the drift layer (8) at least in a plane parallel to the emitter side (11) a grounded gate electrode (4) comprising a second grounded trench gate electrode (41) and an electrically conducting layer (42) wherein the second trench gate electrode (41) is arranged lateral to the base layer (5) and which second trench gate electrode (41) is separated from the base layer (5) the enhancement layer (6) and the drift layer (8) by a third insulating layer (43) wherein the electrically conductive layer (42) covers and extends outside the second trench gate electrode (41) at least to a region above the base layer (5) wherein the electrically conductive layer (42) is separated from the base layer (5) by a fourth electrically insulating layer (44) and wherein the electrically conductive layer (42) contacts the second trench gate electrode (41) wherein a second channel is formable from the emitter electrode (2) the second source region (75) the base layer (5) and the drift layer (8) between a first trench gate electrode (3) and a second trench gate electrode (4) a fifth insulating layer (45) which is arranged on top of the second trench gate electrode (41) which fifth insulating layer (45) has a recess (47) such that the electrically conducting layer (42) electrically contacts the emitter electrode

No. of Pages: 35 No. of Claims: 15

(21) Application No.1285/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SIMPLE SHIFT POWER TRANSMISSION

(71) I	F1 (11 (1 /00	(71)N
(51) International classification	:F16H61/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SELVAKUMAR.S
(32) Priority Date	:NA	Address of Applicant :6/87, THERKU KADU,
(33) Name of priority country	:NA	KOTTAPPALAYAM, PERIYAMANALI POST,
(86) International Application No	:NA	VAIYAPPAMALAI VIA, TIRUCHENGODE TALUK,
Filing Date	:NA	NAMAKKAL DISTRICT, PIN - 637 410 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SELVAKUMAR.S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

During the power shifting, while rotation in the SIMPLE SHIFT POWER TRANSMISSION unit, the driving and driven members come to the same speed with the help of blocks and then the locking and engaging teeth are engaged into their holes.

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

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention : RARE EARTH PERMANENT MAGNET AND RARE EARTH PERMANENT MAGNET PRODUCTION METHOD

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:2012054690	1)NITTO DENKO CORPORATION
(32) Priority Date	:12/03/2012	Address of Applicant :1 1 2 Shimohozumi Ibaraki shi Osaka
(33) Name of priority country	:Japan	5678680 Japan
(86) International Application No	:PCT/JP2013/056431	(72)Name of Inventor:
Filing Date	:08/03/2013	1)OZAKI Takashi
(87) International Publication No	:WO 2013/137132	2)KUME Katsuya
(61) Patent of Addition to Application	:NA	3)OKUNO Toshiaki
Number	:NA	4)OZEKI Izumi
Filing Date	.INA	5)OMURE Tomohiro
(62) Divisional to Application Number	:NA	6)TAIHAKU Keisuke
Filing Date	:NA	7)YAMAMOTO Takashi

(57) Abstract:

Provided are: a rare earth permanent magnet in which the magnetic properties of the permanent magnet are improved by appropriately conducting magnetic field orientation; and a rare earth permanent magnet production method. Magnet material is pulverized into magnet powder and a compound (12) is produced by mixing the pulverized magnet powder with a binder. A green sheet (14) formed in a sheet form on a supporting substrate (13) is produced by hot melt molding the compound (12) that was produced. Then the green sheet (14) that was formed is softened by heating and magnetic field orientation is conducted by applying a magnetic field to the heated green sheet (14). Permanent magnets (1) are then produced by sintering the green sheet (14) after magnetic field orientation.

No. of Pages: 64 No. of Claims: 16

(21) Application No.191/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: GLASS FIBRE SIZING COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C03C25/36,C03C25/40,C08J5/08 :11171653.6 :28/06/2011 :EPO	 (71)Name of Applicant: 1)3B FIBREGLASS SPRL Address of Applicant: 67 Route de Maestricht B 4651 Battice Belgium
(86) International Application No Filing Date (87) International Publication No	:PCT/EP2012/062229 :25/06/2012 :WO 2013/000863	(72)Name of Inventor:1)MASSON Nadia2)PETERS Luc3)PIRET Willy
(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 concerns a sizing composition for glass fibres comprising the following components: (a) A silane based coupling agent which is not an aminosilane; (b) A film former; (c) A borate; (d) A lubricant Characterized in that at least 75 wt.% of the silane coupling agent present in the composition is dialkoxylated. It also concerns a glass fibre sized with the reaction product of said sizing composition as well as a polymeric composite reinforced with such glass fibres.

No. of Pages: 24 No. of Claims: 15

(22) Date of filing of Application :18/01/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : STAND ALONE TOILET WITH WATER REUSE AND WASTE RECYCLING AND WITHOUT CONNECTION TO SEWAGE AND /OR EELCTRICAL SYSTEMS

(51) Intermedianal alegaic action	.E02E	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJASEKARAN SOWMYA
(32) Priority Date	:NA	Address of Applicant :NEW NO.5, OLD NO.19, RI FLATS,
(33) Name of priority country	:NA	VENKATESA NAGAR, I MAIN ROAD EXTENSION II,
(86) International Application No	:NA	VIRUGAMBAKKAM, CHENNAI - 600 096 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAJASEKARAN SOWMYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Drawbacks in existing technologies: In brief, existing technologies have one or more of the following drawbacks: (a) require large amount of water, (b) require chemicals that cause irritation or use of proprietary compounds, (c) fairly large pits to be dug for each household for provision of improved sanitation, (d) mechanism and / or manual intervention involved requires more maintenance or risk of user rejection, (e) some form of electricity may be required, (f) risk of bad odor and flies, (g) waste recovery might be difficult to monitor, (h) difficult to ensure complete safety at household level irrespective of remoteness and low access levels of the household, (i) need for secondary treatment, (j) need for offsite treatment, (k) large amount of wastewater is contaminated with pathogens due to fecal discharge, (1) heavy logistics load, (m) nil or sub-optimal recovery of nutrients for use in agriculture, (n) user training and related program management required can be significant resources when implemented at a large scale, (o) does not help with achieving MDG related to environmental sustainability, (p) involves use of worms or micro-organisms which, when program implementation is at a large scale, could have unintended effects on the ecosystem the risks of which cannot be fully foreseen, quantified or mitigated, (q) require community management of waste removal & treatment, (r) not suitable for rural or remote areas, (s) require large investment, (t) risk of disease-causing pathogens contaminating ground water, (u) pathogen die-off at onsite happens over a long period of time, (v) sewerage overflow during monsoons and floods in case of inadequate storm water drainage, (w) minimal or absence of secondary treatment for complete pathogen die-off in low income communities, (x) skilled labor required for installation onsite if the model is not completely pre-fabricated. Requirements to be addressed in the toilet apparatus: In light of the above drawbacks,

No. of Pages: 38 No. of Claims: 23

(21) Application No.1271/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: THROTTLE OPERATED IGNITION CONTROL SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India
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	(72)Name of Inventor: 1)SOM DEBASIS 2)G. GAYATHRI

(57) Abstract:

The present subject matter discloses a throttle position sensor configured to have a plurality of metal tracks and switches between more than three states. The ignition unit can detect the state of the switches and can shift between three corresponding predetermined ignition timing curves.

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

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM AND METHOD FOR ESTABLISHING COMMUNICATION LINKS BETWEEN MOBILE DEVICES

(51) International classification	:H04W76/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PLUSRAY Innovations Private Limited
(32) Priority Date	:NA	Address of Applicant :No.127, 2nd Cross, 6th Block,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sreenivas Karanam
(87) International Publication No	: NA	2)Naga Prakash Kaja
(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 establishing a communication link between a first mobile communication device and a second mobile communication device on a first network or a second network is provided. The method includes processing by a processor from the first mobile communication device, an indication to initiate a link to 5 the second mobile communication device, initiating by the processor (i) a first link from the first mobile communication device to the second mobile communication device through the first network, and (ii) a second link from the first mobile communication device to the second mobile communication device through the second network, receiving an indication on the first mobile communication 10 device including a selection of the first link or the second link to obtain a selected link, and establishing by the processor, a communication link between the first mobile communication device and the second mobile communication device on the selected link.

No. of Pages: 37 No. of Claims: 16

(22) Date of filing of Application :27/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SEATING MANAGEMENT - CITY & BUS RAPID TRANSPORT BUSES (BRTS)

(TA) T	D (03.70/0.0	
(51) International classification	:B60N2/00	(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)MUKUL MITRA
(61) Patent of Addition to Application Number	:NA	3)M PRADEEP KUMAR
Filing Date	:NA	4)VIGNESH TS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to seating arrangement in city buses & buses used for rapid transport. The seats used here are of the tip up type having a cushion which springs back to vertical position by default. Two horizontal rails (6) are mounted one on each side wall of the bus. The tip up seats are installed over the extrusions by a pivoting mechanism (3) which is also capable of sliding across the rails. The standee space [5] inside the bus is increased in either of two ways. One, the tip up seats in the closed or default condition are pivoted & aligned with the side wall of the bus or two, the seats are pushed along the rail either towards the front or rear of the vehicle, thereby creating extremely free space devoid of seats for standee passengers.

No. of Pages: 18 No. of Claims: 6

(21) Application No.3167/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: RELATION BETWEEN REFRACTIVE INDEX AND MASS OF PHOTON BY R. VELMURUGAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA	(71)Name of Applicant: 1)R. VELMURUGAN Address of Applicant:146/5, NORTH STREET, SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI (TK), CUDDAL ORE (DT) - 606, 112, Tamil Nadu India
 (86) International 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 :NA	(TK), CUDDALORE (DT) - 606 112 Tamil Nadu India (72)Name of Inventor: 1)R. VELMURUGAN

(57) Abstract:

Refractive index of spectrum show direct proportionality with mass of photon thus my insight induce me to construct relation for refractive index and mass of photon. To find mass of photon m=h/Ac is used in De Broglie relation, refractive index is calculated by $u=\sin(A+D)/2/A/2$. Heretofore written facts are abstract of invention.

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

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING ANOMALY IN THE USAGE OF TRANSACTION CARDS OF A USER

(51) International classification	:G06Q20/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTERMEDIA SOFTECH PVT LTD
(32) Priority Date	:NA	Address of Applicant :#3, 1 MAIN, 60 FEET ROAD, 3RD
(33) Name of priority country	:NA	BLOCK, 4TH STAGE, BASAVESHWARA NAGAR,
(86) International Application No	:NA	BANGALORE - 560 079 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KIRAN KALYAN
(61) Patent of Addition to Application Number	:NA	2)RAJESH VASUDEVAN
Filing Date	:NA	3)SAJAY SUBHASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a method and system for detecting anomaly in the usage of one or more transaction cards of a user of a user device. The method comprises creating a transaction intent profile for the user at the user device based on intent messages transmitted by the user via the user device to one or more Transaction Processing Servers (TPSs) over a period of time. The method also comprises creating a spending profile for the user at the user device based on two or more transaction related messages received from one or more banks at the user device over the period of time. In addition, the method includes comparing details associated with one or more transactions with one or more of the transaction intent profile, the spending profile and a user profile of the user to detect the anomaly.

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

(22) Date of filing of Application :09/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: REINFORCED COMPOSITE MATERIAL

(51) International classification (31) Priority Document No	:C08L :NA	(71)Name of Applicant : 1)VENKATESHAPPA, SURYA PRASATH
(32) Priority Date	:NA	Address of Applicant :74-14 F - GKD NAGAR HOSUR TK
(33) Name of priority country	:NA	KRISHNAGIRI DT TAMILNADU-635109 India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VENKATESHAPPA, SURYA PRASATH
(87) International Publication No	: NA	2)DEVARAJAN, CHANDRAMOHAN
(61) Patent of Addition to Application Number	:193/CHE/2013	
Filed on	:01/01/1900	4)VISWANATH, SHARATH
(62) Divisional to Application Number	:NA	5)RAJENDRAN, SUNDAR
Filing Date	:NA	

(57) Abstract:

The invention is an effort to utilize the advantages offered by renewable resources for the development of composite materials based on polymer and particles of powders from natural sources like fruit skin peels, tree parts, animal; waste like bones. Additionally powders from natural fibers from plants and trees and fruit kingdom have the advantage that they are renewable resources and have bio degradable properties. In this invention composites from , powder material are fabricated with epoxy resin using molding method. This invention focuses on establishment of superior mechanical and material properties of the hybrid composite In this disclosure , flexural rigidity test, tensile test, impact test and hardness of hybrid composite at dry and wet conditions have been reported. The disclosure includes the process to make the composite and also the variety of products in automotive, furniture, upholstery, house hold goods and electronic and computer goods.

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

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION AND METHOD FOR TREATMENT OF DENTAL CARRIES AND DENTAL PLAQUE

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)TAGORE DENTAL COLLEGE AND HOSPITAL Address of Applicant: RATHINAMANGALAM, CHENNAI -
(33) Name of priority country		600 127 Tamil Nadu India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)PROF. J. MALA
(87) International Publication No	: NA	2)DR. CHITRA
(61) Patent of Addition to Application Number	:NA	3)R. CHANDRAN
Filing Date	:NA	4)I. KANNAN
(62) Divisional to Application Number	:NA	5)F. MICHAEL BERNARD PRASHANTH
Filing Date	:NA	

(57) Abstract:

The invention is generally related to the prevention of dental caries and dental plaque. The present invention relates to the methanolic and chloroform extracts obtained from the aerial roots of Banyan tree has the antibacterial activity against Streptococcus mutans. The present embodiment aims to prevent the dental caries. The invention is additionally related to solve the problem tooth decay due to Streptococcus mutans. The present embodiment is a target specific and will inhibit only Streptococcus mutans bacteria in the formation of dental plaque and dental caries.

No. of Pages: 16 No. of Claims: 4

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND EQUIPMENT FOR MANAGING MULTIMEDIA CONFERENCE

(51) International classification :H04L12/18,H04L29/06 (71)Name of Applicant : (31) Priority Document No 1)ZTE CORPORATION :201110165863.0 (32) Priority Date Address of Applicant :ZTE Plaza Keii Road South Hi Tech :20/06/2011 (33) Name of priority country Industrial Park Nanshan Shenzhen Guangdong 518057 China :China (86) International Application No :PCT/CN2012/072753 (72)Name of Inventor: Filing Date :21/03/2012 1)CUI Fei (87) International Publication No :WO 2012/174902 2)CHENG Jiajia (61) Patent of Addition to Application 3)ZHANG Wei :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Disclosed is a method for managing a multimedia conference comprising: allocating at least one cascading resource to each conference group in at least two conference groups; connecting the cascading resources of different conference groups one cascading resource of one conference group being only connected with one cascading resource of the other conference group and any conference group being capable of being directly or indirectly connected with other conference groups via the cascading resource; and transmitting a media stream required to be transmitted among the conference groups and subjected to audio mixing treatment via the connected cascading resources. Correspondingly further disclosed is equipment for managing a multimedia conference. Because at least one cascading resource is allocated to each conference group and the cascading resources of the conference groups are connected with each other the media stream of the conference group where the cascading resource is can be transmitted to the cascading resources of other conference groups so that attending members of multiple conference groups can communicate with each other.

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

(21) Application No.3162/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SALT METABOLISM (INTAKE & DISPOSAL)

(51) International classification (31) Priority Document No	:A61K :NA	(71)Name of Applicant : 1)D.S.Sarma
(32) Priority Date	:NA	Address of Applicant :H.no.10-334, Vasanthapuri Colony,
(33) Name of priority country	:NA	Malkajgiri, Hyderabad-047, Andhra Pradesh, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)D.S.Sarma
(87) 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:

Salt hunger is a well known phenomenon. Salt (in the presence of curd, vitamin C contained in lemon & Amla juices) works as a disinfectant. Salt deficiency may lead to nervous disorders of sensory, motor & autonomic nerves, collectively named as NEUROPATHY with associated complications like Arteriosclerosis, loss of immunity, electrolytic imbalance, obesity, diabetes & hypertension. Salt and pro biotic curd work against these disorders to bring back the system to normalcy. In this invention, we probe into the details of the route (metabolic pathway) followed by salt. The situation can be easily modeled, if we substitute the word salt by hypertension (HT). Blood pressure (BP) is the word used by general public for HT. This systemic HT is transformed into pulmonary HT & thereafter dissipated to the atmosphere. Blood & nerves act as the carriers of electro chemical messages to maintain HOMEOSTASIS. Jumping pull-ups devised by the inventor strengthen hand, diaphragm & rib-muscles so that the systemic salt is smoothly transferred into the two lungs and from there to the outside environment; (this bio-process prevents the harmful effects of salt-accumulation in shoulder & finger joints). Thus the salt metabolism forms a closed loop feedback control circuit manipulated by BREATHING (RESPIRATION).

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

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : GROWTH ENHANCING AND IMMUNITY BUILDING ULTRA SONIC ACTIVATORS FOR EGG HATCHING SYSTEMS

(51) International classification	:A01K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.,
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT, ANDHRA
(86) International Application No	:NA	PRADESH-500037 India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This method of invention depending on the custom requirements varied frequen—cies of ultrasonic will be produced by the instrument inducing ultra sonic waves into egg hatching machines. The unique ability of controlled pulsed ultra sonic waves can act as activators in enhancing the growth of the embryo of the egg and building immunity within the egg. This method finds its application in hatching of aqua cul—ture eggs, poultry eggs, honey bee eggs, sericulture and similar kind of commercially grown applications.

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

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention : DETECTING AND SWITCHING BETWEEN NOISE REDUCTION MODES IN MULTI MICROPHONE MOBILE DEVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04R :NA :NA :NA :NA :PCT/CN2013/071841 :25/02/2013 :WO 2014/127543 :NA :NA :NA	(71)Name of Applicant: 1)SPREADTRUM COMMUNICATIONS(SHANGHAI) CO. LTD. Address of Applicant: Spreadtrum Center Building No.1 Lane2288 Zuchongzhi Road Zhangjiang Shanghai 201203 China (72)Name of Inventor: 1)JIANG Bin 2)WU Sheng 3)LIN Fuhuei 4)XU Jingming
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(57) Abstract:

A method of switching between noise reduction modes in multi microphone mobile devices may include receiving a first sound signal at a first sound receiver and receiving a second sound signal at a second sound receiver. The method may also include determining a first power value associated with the first sound signal and determining a second power value associated with the second sound signal. The method may additionally include comparing the first power value to the second power value and switching between a single microphone noise reduction mode and a dual microphone noise reduction mode based on the comparison.

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

(22) Date of filing of Application :09/01/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: CODING OF TRANSFORM COEFFICIENTS FOR VIDEO CODING

(51) International classification :H04N7/26,H04N7/30,H04N7/50 (71)Name of Applicant:

(31) Priority Document No :61/515711 (32) Priority Date :05/08/2011

(33) Name of priority country :U.S.A. (86) International Application

:PCT/US2012/049518 No

:03/08/2012 Filing Date

(87) International Publication No:WO 2013/022748

(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: 5775 Morehouse Drive ATTN:

International IP Administration San Diego California 92121 1714

U.S.A.

(72)Name of Inventor:

1)SOLE ROJALS Joel 2)JOSHI Rajan Laxman

3)KARCZEWICZ Marta

(57) Abstract:

This disclosure describes coding transform coefficients associated with a block of residual video data in a video coding process. Aspects of this disclosure include the selection of a scan order for both significance map coding and level coding as well as the selection of contexts for entropy coding consistent with the selected scan order. This disclosure proposes a harmonization of the scan order to code both the significance map of the transform coefficients as well as to code the levels of the transform coefficient. It is proposed that the scan order for the significance map should be in the inverse direction (i.e. from the higher frequencies to the lower frequencies). This disclosure also proposes that transform coefficients be scanned in sub sets as opposed to fixed subblocks. In particular transform coefficients are scanned in a sub set consisting of a number of consecutive coefficients according to the scan order.

No. of Pages: 114 No. of Claims: 60

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A PORTABLE STEAM BASED AUTOMOBILE CLEANING DEVICE

(51) International classification	·D00D2/00	(71)Nome of Applicant
		(71)Name of Applicant:
(31) Priority Document No	:NA	1)ARUN PATIL
(32) Priority Date	:NA	Address of Applicant :H.NO75, FIRST FLOOR, MEI
(33) Name of priority country	:NA	COLONY, LAGGERE MAIN ROAD, PEENYA, BANGALORE
(86) International Application No	:NA	- 560 058 Karnataka India
Filing Date	:NA	2)DR. RATHANRAJ K J
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ARUN PATIL
Filing Date	:NA	2)DR. RATHANRAJ K J
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An automobile cleaning device for cleaning a surface of an automobile is presented. The automobile cleaning device includes a cleaning face adapted to brush the surface of the automobile, housing, a steam generation unit, and a cleaning agent unit. A confined cavity enclosed by the cleaning face and an inner surface of the housing is also present. The steam generation unit is adapted to receive water, to generate steam from the water so received, and to deliver the steam so generated to the cleaning face through the confined cavity. The cleaning agent unit is adapted to receive a cleaning agent and to provide the cleaning agent to the cleaning face. The cleaning face is permeable both to the steam and the cleaning agent.

No. of Pages: 25 No. of Claims: 10

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MONITORING AND TREATING METABOLIC ILLNESSES

(51) International classification (31) Priority Document No (32) Priority Date (32) Name of priority country	:NA :NA	(71)Name of Applicant: 1)VARKEY, PRASHANTH Address of Applicant: 9/210, BETHEL LANE, MISSION
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA : NA	QUARTERS, THRISSUR 680 001 Kerala India 2)ALBERT, PRADEEP (72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA :NA	1)VARKEY, PRASHANTH 2)ALBERT, PRADEEP
Filing Date	:NA	

(57) Abstract:

System and methods for monitoring and treating metabolic illnesses by a personal medical attendant using wireless communication devices is provided. The system comprises a prescription logic module configured to compare the metabolite value, for e.g. a blood glucose value of the patient with the optimum insulin dose programmes preloaded in a patient information database by the personal medical attendant of the patient. Methods are provided for communicating the optimum insulin dose programme to the patient and facilitating communication between the patient and her personal medical attendant.

No. of Pages: 13 No. of Claims: 1

(22) Date of filing of Application: 10/01/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: RADIAL SHAFT SEAL RADIAL SHAFT SEAL ASSEMBLY AND METHOD OF INSTALLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/06/2012 :WO 2012/174059 :NA :NA :NA	(71)Name of Applicant: 1)FEDERAL MOGUL POWERTRAIN INC. Address of Applicant: 26555 Northwestern Highway Southfield Michigan 48033 U.S.A. (72)Name of Inventor: 1)TOTH David M. 2)SEDLAR Brent R.
Filing Date	:NA	

(57) Abstract:

A radial shaft seal configured for receipt in a housing and about a shaft to sealingly isolate an air side of the seal from an oil side of the shaft seal is provided. The seal includes a mounting portion and a seal lip having an annular sealing surface extending between an oil side end and a free air side end. An annular bridge is connected to the oil side end of the seal lip by a first hinge and to the mounting portion by a second hinge. The bridge extends from the first hinge to the second hinge in radially overlying relation to the seal lip. An annular projection extends from the mounting portion axially away from the bridge. The projection has an oil side facing the seal lip and confronts the air side end of the seal lip upon the seal lip pivoting about the first hinge.

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

(21) Application No.3141/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ALARM DEVICE FOR SOLAR POWERED 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 	:NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor: 1)MOUMITA SARKAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an alarm device to be used in solar powered vehicles which intimates the vehicle rider about lessened solar power generation in spite of favorable outside weather conditions. The present invention comprises a solar voltage power source, a plurality of comparators 10 & 11, a logic circuit 12, a switch 13 and an indication means. The indication means is actuated by the switch 13 which in turn is controlled by the logic circuit 12 based on inputs from the plurality of comparators 10 & 11.

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

(21) Application No.3142/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SOLAR CHARGED POWER SYSTEM FOR 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 	:NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor: 1)MOUMITA SARKAR
 (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)MOUMITA SARKAR 2)SAMRAJ JABEZ DHINAGAR

(57) Abstract:

The present invention relates to an arrangement, which enables switching between a solar power source and an alternate power source for battery charging of a hydrid power system of an automotive vehicle. The present invention comprises a plurality of comparators 21,22 & 23, a logic circuit 24, a first switch 26 and a second switch 25. The plurality of comparators 21,22 & 23 compares a solar power source voltage and a vehicle battery voltage with certain preset reference voltages and provides input to the logic circuit 24. The logic circuit 24 controls switching between the power sources based on inputs from the plurality of comparators 21,22 & 23.

No. of Pages: 16 No. of Claims: 8

(21) Application No.3205/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ELECTRICITY GENERATION SYSTEM FROM WIND, JERK AND FROM MOTOR MOTION IN AN ELECTRIC CAR

		(71)Name of Applicant :
(51) International classification	:H01	1)PARIMAL KUMAR
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF ELECTRICAL &
(32) Priority Date	:NA	ELECTRONICS ENGINEERING, KALASALINGAM
(33) Name of priority country	:NA	UNIVERSITY, SRIVILLIPUTHUR - 626 190 Tamil Nadu India
(86) International Application No	:NA	2)DHEERAJ KUMAR SONI
Filing Date	:NA	3)DAYANAND KUMAR SONI
(87) International Publication No	: NA	4)MAHANAND KUMAR SONI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PARIMAL KUMAR
(62) Divisional to Application Number	:NA	2)DHEERAJ KUMAR SONI
Filing Date	:NA	3)DAYANAND KUMAR SONI
		4)MAHANAND KUMAR SONI

(57) Abstract:

It is simple and cheaper electrical energy generation system from motor motion, wind and from jerk mechanical energy.

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

(22) Date of filing of Application :22/08/2012 (43) Publication Date : 23/01/2015

(54) Title of the invention: TRAINING SEQUENCES AND CHANNEL ESTIMATION METHOD FOR SPREAD SPECTRUM BASED SYSTEMS

(51) International classification(31) Priority Document No(32) Priority Date	:H04B1/00 :NA :NA	(71)Name of Applicant : 1)SAMSUNG INDIA SOFTWARE OPERATIONS PVT
(33) Name of priority country	:NA	Address of Applicant :BAGMANE LAKE VIEW, 'BLOCK-
(86) International Application No	:NA	B', 66/1, BAGMANE TECH PARK, BYRASANDRA, CV
Filing Date	:NA	RAMAN NAGAR, BANGALORE - 560 093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JINESH P NAIR
Filing Date	:NA	2)SUJIT JOS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for bandwidth efficient channel estimation in a spread spectrum by using a combination of superimposed training sequences and spread spectrum techniques with improved estimation accuracy is disclosed. This method provides channel estimation when number of channel coefficients is very high affecting the bandwidth efficiency of the system. The method is applicable in large MIMO systems, Sub-band Ultra-wideband (SUWB), OFDM-SUWB systems, wideband channels and so on. Superimposed training sequences are spread with spreading codes prior to adding them to the spread data. The spreading codes for the superimposed training sequences are orthogonal to the spreading sequence used to spread data through the transmitter. At the receiver, by dispreading prior to channel estimation removes the data interference on the channel estimate. The training sequences are then used to estimate the channel.

No. of Pages: 39 No. of Claims: 31

(21) Application No.184/CHENP/2014 A

1)LM WP PATENT HOLDING A/S

(72)Name of Inventor:

2)MADSEN Jesper

3)HANSEN Rolf

1)WRTH Ines

Address of Applicant : Jupitervej 6 DK 6000 Kolding Denmark

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: A VORTEX GENERATOR ARRANGEMENT FOR AN AIRFOIL

(51) International classification :B64C23/06,F03D1/06,F03D11/04 (71)Name of Applicant : (31) Priority Document No :11175052.7 (32) Priority Date :22/07/2011

(33) Name of priority country :EPO

(86) International Application :PCT/EP2012/063915

:16/07/2012 Filing Date

(87) International Publication :WO 2013/014015

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

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

4)MLLER Olaf

(57) Abstract:

A particular arrangement of vortex generators (100) for an airfoil (50) is described. The vortex generators (100) are provided in pairs preferably on a wind turbine blade (10) wherein by arranging the vortex generators according to specified characteristics a surprising improvement in blade performance is provided over the prior art systems.

No. of Pages: 27 No. of Claims: 15

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

(43) Publication Date: 23/01/2015

(54) Title of the invention : METHOD OF GROWING HETEROEPITAXIAL SINGLE CRYSTAL OR LARGE GRAINED SEMICONDUCTOR FILMS ON GLASS SUBSTRATES AND DEVICES THEREON

(51) International classification	:H01L21/26	(71)Name of Applicant:
(31) Priority Document No	:61/505795	1)SOLAR TECTIC LLC
(32) Priority Date	:08/07/2011	Address of Applicant :416 Long Hill Road East Briarcliff
(33) Name of priority country	:U.S.A.	Manor NY 10510 U.S.A.
(86) International Application No	:PCT/US2012/042713	2)TRUSTEES OF DARTMOUTH COLLEGE
Filing Date	:15/06/2012	3)CHAUDHARI Ashok
(87) International Publication No	:WO 2013/009433	4)CHAUDHARI Karin
(61) Patent of Addition to Application	:NA	5)CHAUDHARI Pia
Number	*	(72)Name of Inventor :
Filing Date	:NA	1)LIU Jifeng
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		<u> </u>

(57) Abstract:

Inexpensive semiconductors are produced by depositing a single crystal or large grained silicon on an inexpensive substrate. These semiconductors are produced at low enough temperatures such as temperatures below the melting point of glass. Semiconductors produced are suitable for semiconductor devices such as photovoltaics or displays

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

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: VEHICLE FRAME WITH ENHANCED LOAD BEARING CAPABILITY

(51) International classification(31) Priority Document No	:B21B :NA	(71)Name of Applicant: 1)VENKAT ANAND SAI GUDLUR
(32) Priority Date	:NA	Address of Applicant :H.NO. 34/A, SEETHA LAKSHMI
(33) Name of priority country	:NA	NILAYAM, 1ST, CROSS, ASHWATH NAGAR, BANGALORE
(86) International Application No	:NA	- 560094 Karnataka India
Filing Date	:NA	2)AVINASH MUMBARADDI
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VENKAT ANAND SAI GUDLUR
Filing Date	:NA	2)AVINASH MUMBARADDI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention comprises a frame structure which further comprises a lower frame, an upper frame, a front support, a rear support and a hanging tail. The lower frame is casted to support a shagging frame structure and an upper frame structure. The front part is croc-shaped with a plurality of supporting metallic beams. The plurality of metallic beams comprises a plurality of pair of hanging short beams known as clamps. The front support comprises an open cage like structure. The front support provides a linkage between front portions of the upper and lower frames. The front support distributes a front load into multiple small zones due to the cage like structure. The rear support is paralleled open V-shaped structure. The rear support distributes a rear load into multiple large zones due to the paralleled open V-shaped structure. The hanging tail provides support to the extreme rear part of the vehicle.

No. of Pages: 48 No. of Claims: 9

(21) Application No.3394/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :12/11/2010 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND DEVICE FOR THE PREDICTIVE ESTIMATE OF THE WEAR OF THE COUPLING JOINT BETWEEN A COOLING CIRCUIT FAN AND AN ENGINE SYSTEM IN A 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 	:09425468.7 :17/11/2009 :EPO :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)IVECO S.P.A. Address of Applicant:VIA PUGLIA 35, I-10156 TORINO Italy (72)Name of Inventor: 1)COLOMBANO, MAURO 2)D'AMBROSIO, CARLO
() I I I I I I I I I I I I I I I I I I	:NA :NA	

(57) Abstract:

Method for the predictive estimate of the wear of the coupling joint between a cooling circuit fan and an engine system in a vehicle, comprising the steps of: evaluating the difference between a measured engine speed value (61) and a measured fan speed value (62); using the difference for finding, in a stored table (65), an instant wear increment value of the material of said coupling joint; integrating said instant wear increment value by adding it to previous values, starting from a first use of said coupling joint and obtaining an integrated value (66); comparing (67) said integrated value with a tabular value (68), which provides an expected wear value, or tolerable wear, as a function of the overall kilometres covered by the vehicle; said predictive estimate provides a positive indication of the correct instant usage of the coupling joint, if said integrated value is lower than said expected wear value, otherwise it provides a negative indication of an excessive instant wear of the coupling device.

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

(21) Application No.4609/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/10/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: POSITION DETERMINING DEVICE FOR ORTHODONTIC IMPLANT SURGERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61C7/00 :102125870 :19/07/2013 :Taiwan :NA :NA	<u> </u>
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A position determining device for orthodontic implant surgery includes a base having a first and an opposite second end; an impression material fitted on the base atop a fixing section thereof and having a pressure receiving surface for a patientTMs teeth to compress thereon; a positioning member mounted on the base and including a measuring scale formed of a radiopaque material; and an x-ray film holder connected to the first end of the base and internally defining a receiving space for clamping an x-ray film therein. By arranging the measuring scale and the x-ray film in the receiving space parallel to each other and providing the teeth-compressed pressure receiving surface of the impression material, the exposed and developed x-ray film can show relative positions of the patientTMs teeth and the measuring scale to assist an orthodontist in quickly understanding the positional relation between the patientTMs two adjacent tooth roots.

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :27/08/2012 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROTEIN-DETERGENT FRACTIONATION METHOD

(51) International classification	:C11D3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Dr. Reddy TM s Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :V. R. Srinivas Ph.D. Intellectual
(33) Name of priority country	:NA	Property Management Biologics development Center Dr.
(86) International Application No	:NA	Reddy™s Laboratories Limited Survey Nos. 47 Bachupalli
Filing Date	:NA	Qutubullapur RR District 500 090 Andhra Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Hemant Garg
Filing Date	:NA	2)Venkata Ramireddy Yeturu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rapid and efficient method for separation of a non-ionic detergent from a protein preparation containing the said detergent wherein the method does not involve any phase separation protein precipitation or chromatographic steps.

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

(21) Application No.3974/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :25/03/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : A COMPOSITION AND FORMULATION COMPRISING A POLYPHENOL, A CAROTENOID AND A GROWTH SPURT AGENT

:A61K31/00	(71)Name of Applicant:
:NA	1)RAMANAN EZHILARASAN
:NA	Address of Applicant :PLOT NO 1026A, 76TH STREET,
:NA	12TH SECTOR, K.K. NAGAR, CHENNAI - 600 078 Tamil
:NA	Nadu India
:NA	(72)Name of Inventor:
: NA	1)RAMANAN EZHILARASAN
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

This invention relates to a synergistic combination of a carotenoid, a polyphenol and growth spurt agent correspondingly astaxanthin, grape seed extract and zinc sulphate for treating pediatric lifestyle induced complications like obesity, precocious puberty, short stature etc to reduce detrimental growth hormones by being a natural substitute to it and the above combination yields a safe functioning as a effective aromatase inhibitor and also a nutritional supplement.

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

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: DISPOSABLE SANITARY PADS COMPRISING NANOSILVER AND BIOCERAMIC

(51) International classification	:A61F13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMANAN EZHILARASAN
(32) Priority Date	:NA	Address of Applicant :PLOT NO 1026A, 76TH STREET,
(33) Name of priority country	:NA	12TH SECTOR, K.K. NAGAR, CHENNAI - 600 078 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAMANAN EZHILARASAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A treated sanitary napkin/pad comprising of silver nano particles coated sanitary napkin/pad. A treated sanitary napkin/pad comprising of ceramic coated sanitary napkin/pad. A treated sanitary napkin/pad comprising of silver nano particles and ceramic coated sanitary napkin/pad.

No. of Pages: 23 No. of Claims: 5

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 23/01/2015

(54) Title of the invention: A PROCESS FOR IMPROVING THE FLUIDITY OF RESIDUAL SLAG IN BOF SLAG POTS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Rashtriya Ispat Nigam Limited
(32) Priority Date	:NA	Address of Applicant : A Government of India Undertaking,
(33) Name of priority country	:NA	VSP,Visakhapatnam, Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)M.B.Venkata Rao
(87) International Publication No	: NA	2)A Syamsundar
(61) Patent of Addition to Application Number	:NA	3)M.R.Khan
Filing Date	:NA	4)P.K.Rath
(62) Divisional to Application Number	:NA	5)P.N.Rao
Filing Date	:NA	

(57) Abstract:

Slag fluidity is important process in steel making for transportation of the slag from the converter to the slag dump yard. Slag splashing is practiced in many of the steel plants for improving the converter life. For better splashing effectiveness the fluid slag is saturated with MgO by adding Dolomite which makes the slag viscous. In slag splashing, left over slag after tapping the steel, is blown with Nitrogen at high pressure. Due to this, the temperature of the slag drops heavily & becomes cold. Time gap between deslagging and slag dumping in slag yard further aggravates the problem due to loss of temperature. Thus the present invention relates to a process for improving the slag fluidity by controlling the slag basicity and temperature in slag pot to carry it to the slag yard without any problem.

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

(22) Date of filing of Application :11/02/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR OPERATING AN AUTO-IGNITION INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:10 2012 002 948.9	(71)Name of Applicant: 1)MAN TRUCK & BUS AG Address of Applicant: DACHAUER STR. 667, 80995 MUNCHEN Germany (72)Name of Inventor: 1)WERNER, FRANZ
(87) 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:

Method for operating an auto-ignition internal combustion engine The invention relates to a method for operating an auto-ignition internal combustion engine, in particular for motor vehicles, which is supplied with self-igniting liquid fuel in single-substance mode and with the liquid fuel as an ignition agent and a gaseous or liquid alternative fuel in dual-substance mode, wherein the liquid fuel is introduced into the combustion chambers of the internal combustion engine by means of an injection device, and the combustion air is precompressed by means of a pressure-charging device provided in the intake system for the purpose of controlling the boost pressure, wherein furthermore a feed device is provided, by means of which the alternative fuel can be introduced into the intake system in dual-substance mode, furthermore having an exhaust gas recirculation device, which recirculates exhaust gases from the internal combustion engine into the intake system via an exhaust gas recirculation valve, wherein the fuel quantities are metered in, in accordance with operation-specific parameters and, if appropriate, parameters relating to driving dynamics, by means of at least one electronic control unit in such a way that the required power and, in conjunction with exhaust gas purification devices inserted downstream of the combustion chambers, defined exhaust gas limits are achieved. To achieve improved operating behaviour, it is proposed that, in dual-substance mode, the internal combustion engine (1) is operated at an increased exhaust gas recirculation rate and that furthermore the air supply in the intake system (8) is throttled in such a way that a lambda value greater than 1 and up to 1.3, preferably greater than 1 and up to 1.2, most preferably 1.03 to 1.1, is obtained in the exhaust gas.

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

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: RANK NORMALIZATION FOR DIFFERENTIAL EXPRESSION ANALYSIS OF TRANSCRIPTOME SEQUENCING 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 Filing Date 	:13/459529	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road, Armonk, New York 10504, United States of America (72)Name of Inventor: 1)NIINA S. HAIMINEN 2)LAXMI P. PARIDA
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(57) Abstract:

A computer-implemented method for rank normalization for differential expression analysis of transcriptome sequencing data includes receiving, by a computer, a first dataset comprising transcriptome sequencing data, the first dataset comprising a plurality of genes, and further comprising a respective ranking value associated with each of the plurality of genes; assigning a rank to each of the genes of the plurality of genes based on the ranking value to produce a first rank normalized dataset; determining a change between a first rank of a particular gene in the first rank normalized dataset, and a second rank of the particular gene in a second rank normalized dataset, the second rank normalized dataset being based on a second dataset comprising transcriptome sequencing data; and determining whether the particular gene is differentially expressed between the first dataset and the second dataset based on the determined change in rank.

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

(21) Application No.180/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: IMPROVED FOOD COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	1:A23L1/304,A23L1/305,A61P3/04 :11505831 :23/06/2011 :Sweden :PCT/SE2012/050686	(71)Name of Applicant: 1)INNOVAFOOD AB Address of Applicant :c/o Elin –stman "ppelvgen 15 S 247 47 Flyinge Sweden (72)Name of Inventor:
No Filing Date (87) International Publication	:20/06/2012 :WO 2012/177215	1)–STE Rickard 2)–STMAN Elin 3)BJ–RCK Inger
No (61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a food supplement comprising at least the amino acids leucine isoleucine valine threonine and lysine and Chromium. The invention further relates to food compositions comprising the food supplement as well as uses of both.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AN APPARATUS AND METHOD FOR MEASURING FLUID LEVEL IN A TANK

(51) International classification	:G01F23/00	(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 SEKHAR NANDIPATI NAGA VENKATA MANI
(62) Divisional to Application Number	:NA	2)SHIVASRI NAGARAJAN
Filing Date	:NA	

(57) Abstract:

A apparatus(IOO) for determining level of fluid (8) in a tank (6) of a motor vehicle, said apparatus comprising: a floating element (30) floating on the surface of the fluid in said tank (6), a first variable resistor (14) associated with a first connecting means (10), a second variable resistor (16) associated with a second connecting means (20); wherein said first and second connecting means are movable along its length when said floating element (30) moves a first end of said first and second connecting means (10, 20) connected to said floating element (30) and a second end of said first and second connecting means (10,20) hinged to an inner wall of the tank at two different positions (25, 26) respectively such that resistance of said first and second variable resistor (14, 16) varies when said floating element (30) moves along with the level of said fluid (8) in said tank (6), a first movable contact (11) interlocked with the resistance of the first variable resistor (14) to vary the resistance to produce a first voltage (V1) and a second movable contact (12) interlocked with the resistance of second variable resistor (16) to vary the resistance to produce a second voltage (V2) with a movement of the floating element (30); and a voltage sensing device (50) is connected to said first and second variable resistor (14, 16) to receive said first and second voltages (V1.V2) to determine said level of fluid (8) in the tank.

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

(22) Date of filing of Application :01/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PRINTING BARCODES FROM AN ENTERPRISE RESOURCE PLANNING (ERP) SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Address of Applicant: 11445, Compaq Center Drive West, Houston, TX, 77070, U.S.A. (72)Name of Inventor: 1)PRASAD ANTONY MADATHIPARAMBIL
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a method of printing barcodes from an Enterprise Resource Planning (ERP) system. A label name is added to a barcode data in the ERP system, wherein the label name is unique to a barcode in the barcode data. The label name and the barcode data are transmitted to a server. The label name is analyzed to identify the barcode in the barcode data, and the identified barcode is replaced with a PostScript program, unique to the identified barcode, for visually rendering the identified barcode. The PostScript program, unique to the identified barcode, is transmitted for printing the identified barcode.

No. of Pages: 19 No. of Claims: 15

(21) Application No.3169/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : AN APPARATUS AND METHOD FOR PASSIVE EXERCISE FOR INDIVIDUALS WITH BREATHING DIFFICULTIES

(51) International classification :A61I (31) Priority Document No :NA (32) Priority Date :NA (33) Name 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	3 (71)Name of Applicant: 1)Redden Robert Roy Address of Applicant:116, W.West St., Southport, NC 28461 U.S.A. (72)Name of Inventor: 1)Redden Robert Roy
(62) Divisional to Application Number :NA Filing Date :NA NA NA	

(57) Abstract:

The invention discloses an apparatus and method for passive exercise for an individual with breathing difficulties. The apparatus (100) includes a platform (200) on which the individual lies down to endure passive exercise. The platform (200) has a surface, a capital platform bar (204), a pedestal platform bar (206), a first longitudinal platform bar (208a) and a second longitudinal platform bar (208b) to form a rectangular frame on to which the surface is appended. The apparatus further has a support structure (300) for securing the platform (200) in position. The support structure has two vertical structures (306, 308) with articulated arms connected to each of the vertical structure for holding the platform (200) through a bearing to enable movement of the platform. The articulated arms (302, 304) are positioned to the center of longitudinal parallel sides (310, 312). The apparatus also includes a motion mechanism to move the platform

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

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: INTAKE DEVICE OF INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No	:F02B31/00 :2012- 217286	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant: 1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	_1,_00	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)IIJIMA, SATOSHI
Filing Date	:NA	2)SHIRASUNA, TAKAMORI
(87) International Publication No	: NA	3)ASADA, MASAYA
(61) Patent of Addition to Application Number	:NA	4)MATSUI, KOJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide an intake device of an internal combustion engine for optimizing combustion efficiency by adjusting strength of a tumble vortex through generation of the tumble with strong vortex in a low load state, and suppression of the intake air flowing through the upper passage in the medium/high load state. [Constitution] An intake distribution valve (65) has a plate-like valve body (67) integrally extending from the rotating shaft (66). The rotating shaft (66) orients its rotating center line (Cv) in parallel with the upstream end edge (61aa) of the partition plate (60), and is rotatably journaled to the inlet pipe (20) at a position near an area below the upstream end edge (61aa). The intake distribution valve (65) allows the plate-like valve body (67), or the plate-like valve body (67) and the rotating shaft (66) to close the upstream opening of the lower intake passage (Lp) when the internal combustion engine is in the low load operation state.

No. of Pages: 60 No. of Claims: 5

(22) Date of filing of Application :02/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: EARTH GROUND TESTER WITH REMOTE CONTROL

(51) Intermedicual algorification	·C017/2/00	(71)Name of Applicants
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)FLUKE CORPORATION
(32) Priority Date	:NA	Address of Applicant :6920 Seaway Blvd., Everett, WA 98206
(33) Name of priority country	:NA	U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAWASAKI Cy
(87) International Publication No	: NA	2)SHRIVASTAV Prabhat
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and apparatuses for measuring earth ground resistivity are provided. A main unit can be configured to couple to each of a plurality of electrodes over a respective wire, perform a resistance measurement over the plurality of electrodes, and transmit an induction signal over one or more of the respective wires indicating a representation of a resistance value calculated as part of the resistance measurement. A remote unit can be configured to detect the induction signal over the one or more of the respective wires using an inductance mechanism, process the induction signal to determine the representation of the resistance value, and render the representation of the resistance value on an interface of the remote unit.

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

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : CLOSED WELL OR BORE WELL WATER PUMPING SYSTEMS WITHOUT CONSUMING ELECTRICITY OR FUEL

(51) International classification	:F04B17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)EESAVYASA TECHNOLOGIES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 79, PHASE-III, SVCIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, R. R. DISTRICT -500037
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)D.P. CHAKRAVARTHY
(61) Patent of Addition to Application Number	:NA	2)BANDA RAVI SANKAR
Filing Date	:NA	3)DR. KUNAM SASIDHAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In this method of invention water is lifted from any bore wells or closed wells with the help of specially designed cylindrical systems based on mechanical advantage principles. Pneumatic controlled air compressors will be placed over positive displacement machines to lift the water. The quantity of water lifted in each stroke will depend on the volume of the vessel and the water available in the bore well. This system is named as Samhitha Robotic pumping system which can be operated manually avoiding any electricity or fuel consumption

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

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AN AUTOMATED REALTIME VEHICLE CLASSIFICATION SYSTEM

(51) International classification	:G01B11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :C.V. RAMAN AVENUE,
(33) Name of priority country	:NA	BANGALORE-560012, KARNATAKA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOBBALIPUR RANGANATH JAYANTH
(87) International Publication No	: NA	2)ARAVIND RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a method for automated vehicle classification. The method includes directing atleast one pair of laser beam on to a moving vehicle, capturing a time-delayed reflected laser beam, measuring one or more vehicular parameter based on interception of the reflected laser beam and classifying the vehicles based on two or more of the measured parameters. A system is also provided. The system includes an optical beam interruption apparatus, a measurement module coupled to the beam interruption apparatus and a display unit coupled to the measurement module.

No. of Pages: 25 No. of Claims: 10

(22) Date of filing of Application :02/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MONITORING AND CONTROLLING ELECTRICAL/ELECTRONIC DEVICES IN A DYNAMIC ENVIRONMENT

(51) International classification (31) Priority Document No	:G06F9/00 :NA	(71)Name of Applicant: 1)S.A. ENGINEERING COLLEGE
(32) Priority Date	:NA	Address of Applicant : POONAMALLE AVADI MAIN
(33) Name of priority country	:NA	ROAD, VEERARAGHAVAPURAM, THIRUVERKADU POST,
(86) International Application No	:NA	CHENNAI - 600 077 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)G. KOMAL VENKATESH
(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 method for monitoring and managing electrical/electronic device within a dynamic environment. A receiving unit (e.g., a micro controller) for sending and receiving status signals with respect to an electronic/electrical entity within the dynamic environment. An energy management server configured with a universal energy management application receives at least one signal with respect to the electronic/electrical entities within the dynamic environment and provides appropriate response to the receiving unit. A communication device having a web browser application provides at least one variable with respect to the electrical/electronic entity. The energy management server efficiently handles the operation of electrical entities within the dynamic environment by sending appropriate response to the receiving unit for controlling the operations of the electrical entities.

No. of Pages: 22 No. of Claims: 8

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 23/01/2015

(54) Title of the invention: INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, PROGRAM, RECORDING MEDIUM, AND INFORMATION PROCESSING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:2011- 283817	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1, KONAN, MINATO-KU, TOKYO Japan (72)Name of Inventor: 1)KYOSUKE MATSUMOTO 2)SHUSUKE TAKAHASHI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	3)CHISATO KEMMOCHI 4)AKIRA INOUE
Filing Date	:NA	T/AMMA MODE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An information processing device includes a feature amount calculating unit configured to obtain an audio feature amount of audio included in a content including audio; a synchronization information generating unit configured to generate synchronization information for synchronizing a plurality of content including the same or similar audio signal components, based on the audio feature amount obtained by the feature amount calculating unit; and a compositing unit configured to generate composited content, where a plurality of contents have been synchronized and composited using the synchronization information generated at the synchronization information generating unit.

No. of Pages: 189 No. of Claims: 18

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: MOBILE SOCIAL NETWORK ANALYSIS SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06Q30/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ABIBA SYSTEMS PRIVATE LIMITED Address of Applicant: NO. 17/12-30, 4TH CROSS, 30TH MAIN, BANASHANKARI 3RD STAGE, BANGALORE - 560085, Karnataka 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)SIMHA, Jay Bharatheesh

(57) Abstract:

The present invention provides a method and system for mobile social network analytics. The entire subscriber base forms a social segment for any telecom company. This is commonly known as telecom call graph. The present invention constructs social segments and computes social metrics of both segments and individual subscribers in the telecom network. The present invention further analyses the social segment graph and assigns segment score and churn propensity score to each subscriber using a mobile social network analytics system. The input to the mobile social network analytics system is CDR from external sources and information from campaigns, demographics and so on. The mobile social network analytics system processes the CDR, the other information and outputs segment score and churn score.

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

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: PART FOR A TIMEPIECE MOVEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G04B37/00 :13151671.8 :17/01/2013 :EPO	·
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	(72)Name of Inventor: 1)VON GRUENIGEN, CEDRIC 2)CHARBON, CHRISTIAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	3)VERARDO, MARCO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a pivot pin (1) for a timepiece movement including at least one pivot at at least one of the ends thereof, characterized in that said at least one pivot is formed of a composite material having a metallic matrix including at least one metal selected from among nickel, titanium, chromium, zirconium, silver, gold, platinum, silicon, molybdenum, aluminium or an alloy of the above metals, said matrix being charged with hard particles selected from among WC, TiC, TaC, TiN, TiCN, AI203, Zr02, Cr203, SiC, MoSi2, Al N or a combination thereof, so as to limit the sensitivity of the pin to magnetic fields. The invention concerns the field of timepiece movements.

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

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NOVEL PROCESS FOR THE PREPARATION OF TOLCAPONE

(57) Abstract:

A novel process for the preparation of compound of formula VI: wherein, Rjand R2 represents Hydrogen, Cito C4 alkyl, benzyl, Substituted benzyl, reacting the compound of Formula-IV with chlorinating agent to yield compound of formula V; which is further reacted with toluene to obtain the compound of formula VI, which is optionally subjected to purification and crystallization.

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

(19) INDIA

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NOVEL PROCESS FOR THE PREPARATION OF (1S,3AR,6AS)-2-[(2S)-2({(2S)-2-CYCLOHEXYL-2[(PYRAZIN-2-YLCARBONYL)AMINO]ACETY}AMINO)-3,3-DIMETHYLBUTANONYL]-N-[(3S)-1-CYCLOPROPYLAMINO)-1,2-DIOXOHEXAN-3-YL]-3,3A,4,5,6,6A-HEXAHYDRO-1H-CYCLOPENTA[C]PYRROLE-1-CARBOXAMIDE

(21) Application No.3249/CHE/2013 A

(57) Abstract:

The present invention relates to novel process for the preparation of (IS,3aR,6aS)-2-[(2S)-2-({(2S)-2-cyclohexyl-2-[(pyrazin-2-ylcarbonyl)amino]acetyl}amino)-3,3-dimethyl butanoyl]-N-[(3 S)-1 -(cyclopropylamino)-1,2-dioxohexan-3 -yl]-3,3 a,4,5,6,6a-hexahydro-1H-cyclopenta[c]pyrrole-l-carboxamide compound represented by the structural formula-1. Formula-1

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

(21) Application No.3250/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A REMOTELY OPERABLE DEVICE FOR COLLECTING NODULAR MINERALS FROM SOFT OCEAN FLOOR

(51) International classification	:E21C50/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF. KUMARASWAMY SIVASAILAM
(87) International Publication No	: NA	2)MR. DEEPAK CHULLICKAL RAPHAEL
(61) Patent of Addition to Application Number	:NA	3)PROF. MEDISETTI MADHUSUDANA RAO
Filing Date	:NA	4)PROF. MUTHUKAMATCHI RAVINDRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

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

The present invention relates to a remotely operable device for collecting nodular minerals from soft ocean floor.

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

(43) Publication Date: 23/01/2015

(54) Title of the invention : A SYSTEM FOR INTEGRATING ECOMMERCE WEBSITE AND SOCIAL NETWORKING WEBSITE ON A SINGLE WEB-BASED PLATFORM

(54) 7	00/020/00	
(51) International classification	:G06Q30/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAYA BHARADWAJ YELLAPRAGADA
(32) Priority Date	:NA	Address of Applicant :H.NO. 1-3-17/3, BEHIND GOVT.
(33) Name of priority country	:NA	HOSPITAL, BHEEMRAO COLONY, OLD ALWAL,
(86) International Application No	:NA	SECUNDERABAD 500 010 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JAYA BHARADWAJ YELLAPRAGADA
(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 for integrating ecommerce and social networking site on a single web-based platform, wherein web-programs/applications can be developed using a web-application development framework. Specifically, the present invention relates to a system for connecting buyers, sellers/retailers and users sharing common interest related to products and services via an integrated communication platform. The web-application acts as an intermediary that aggregates users digital activities and provides them with a secured and ubiquitous reserve for personal content. More specifically, the system facilitates retailers or organizations having a database of information to extend their functionality and accessibility to the web-programmed/application framework and deploy and integrate web-applications using developers, thereafter enabling end-users of the framework to avail the information without being required to navigate to multiple web programs/applications or navigate to different websites. The system integrates catalogue display, virtual store customizations and implements software development frameworks on the web.

No. of Pages: 22 No. of Claims: 13

(22) Date of filing of Application: 08/01/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: IMPROVING EFFICIENCY AND ACCURACY OF GEO FENCING BASED ON USER HISTORY

(51) International :G01C21/34,G01C21/00,G01C21/26 classification

(31) Priority Document No :13/192461 (32) Priority Date :28/07/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/048745

Application No :28/07/2012 Filing Date

(87) International Publication :WO 2013/016721 No

(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)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond

Washington 98052 6399 U.S.A.

(72)Name of Inventor: 1)BOAZI Ronen

2)SCHLESINGER Benny

Architecture that identifies and learns repeated user behavior (habits) related to routes of travel and points of interest. Once learned the habits of an individual can be used to make an algorithm more efficient and hence the user experience of an application more effective and enjoyable. The capability to more accurately infer user behavior based on user history can be employed to operate (e.g. power down or place in components standby to conserve power) user device resources in a more efficient manner. It can be identified that a user has deviated from a routine route that has associated points of interest to a new route that has associated new points of interest. Once identified the original set of points of interest for the routine route is then updated with new points of interest. The identification of fixed routes can be determined dynamically as well as deviation from a fixed route.

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

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SLURRY PACKING METHOD AND SYSTEM FOR HPLC COLUMNS

(31) Priority Document No :NA	(71)Name of Applicant : 1)Intek Tapes Private Ltd
(32) Priority Date :NA (33) Name of priority country :NA	Address of Applicant :No: 38, Road No: 5, Bommasandra Industrial Area, Bangalore- 560099, Karnataka, India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)Dr. Kattamanchi Sridhara
(87) 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 slurry packing method and system for HPLC columns. The packing system, methods that results in analytical, wide pore size, mixed bed columns advantageous for both SEC and LC like capabilities in a single column, semi-preparative, preparative columns and narrow bore columns all of aspect ratios (1-120) in quick time and huge process capability of commercial significance is described. The present packing system and method is effective in producing good quality columns with exceptional column performance characteristics. Novel performance parameters such as Pressure and Temperature Sensitivities of Retentivity , hitherto unknown and important are determined for the packed analytical column.

No. of Pages: 37 No. of Claims: 9

(22) Date of filing of Application :08/01/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: SYSTEM AND EMTHOD FOR HEALTH ASSESSMENT, PREDICTION, AND MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)360 HEALTH VECTORS PRIVATE LIMITED Address of Applicant:#157, 1ST FLOOR, 8TH MAIN ROAD, VASANTHNAGAR, BANGALORE 560 052 Karnataka India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	1)SUBHASISH SIRCAR
Filing Date	:NA	

(57) Abstract:

A health assessment, prediction, and management system is provided. The system includes a first mechanism capable of acquiring and capturing a data set comprising an individuals health status. The system further includes a local computer server, wherein a first platform is provided for the first mechanism to input the data set. The system also includes a central server in communication with the local computer wherein a second platform is provided for the transmittal of the data set from the local computer server to the central server. The system includes a second mechanism capable of accessing the data set in the central server and analysing the data set acquired by the first mechanism. The second mechanism is capable of providing an analytical result. The analytical result may include a health score/grade/index generated by the second mechanism and a health risk assessment provided by the second mechanism or anything else that may be required or queried. A third platform is provided in the central server for the second mechanism to input the data set and the health score/grade/index. An expert system is created in the central server based on the data set and the health score/grade/index. The expert system is capable of self-learning and discovery. A method is also provided.

No. of Pages: 149 No. of Claims: 13

(21) Application No.212/CHENP/2014 A

(19) INDIA

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

(43) Publication Date: 23/01/2015

(54) Title of the invention: METHOD AND SYSTEM FOR A PRE SHOPPING RESERVATION SYSTEM WITH INCREASED SEARCH EFFICIENCY

(51) International :G06Q10/02,G06Q50/14,G06F17/30 classification

(31) Priority Document No :11305813.5

(32) Priority Date :27/06/2011

(33) Name of priority country: EPO

(86) International :PCT/EP2012/057749

Application No :27/04/2012 Filing Date

(87) International Publication :WO 2013/000600

(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)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) REYNAUD Claudine

3)ISNARDY Luc

4)LEGRAND Guillaume

5)GOLE Rmy

(57) Abstract:

The method according to a preferred embodiment of the present invention provides a pre shopping reservation tool which allows storing entire catalogues of air travels from many providers while ensuring a high cache accuracy at limited operational costs. The system makes use of the fares knowledge to merge identical travel recommendations coming from different travel providers (airline travel agencies) when possible i.e. when fares are public and not negotiated for a specific travel provider. This prevents redundant prices to be stored in the system and improves its cost effectiveness. The system according to a preferred embodiment of the present invention relies on several dedicated data analysis engines to optimize the cost of data pre computations while at the same time maintaining good data accuracy.

No. of Pages: 40 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: ANYTIME POWER PRODUCE AUTOMACHINE

(51) International classification(31) Priority Document No	:H01 :NA	(71)Name of Applicant: 1)P. RAVIKUMAR
(32) Priority Date	:NA	Address of Applicant: 157/2, MATHAVAN TEACHER
(33) Name of priority country (86) International Application No		STREET, B. NAGALAPURAM, BODINAYAKKANU (T.K) THENI (D.T) TAMIL NADU - 625 528 India
Filing Date		(72)Name of Inventor:
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3147/CHE/2013 A

(57) Abstract:

The need of a power plant which is cheap and smokeless power production, generator can be used to produces the power is the basic idea of the project. Ball is sent in to the conveyor, the conveyor a small opening is near the turbine the ball is store in to opening, using to sensors (i.e. timing sensor) at a particular instant time is passed into the turbine buckets, due to the gravity force based on the ball weight rotates the turbine, and again the ball is came out from turbine the ball is stored in to the conveyor same time the opposite end of the turbine bucket waiting to the next ball in conveyor opening, again the cycle of the process is continuously reputed until the power production. The main aim of this project is based on the ball weight, turbine diameter and number of buckets the power production is increasing. The Generator is connected to the turbine by using the ball process the power will produces.

No. of Pages: 11 No. of Claims: 1

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : WATERMARK BASED BIOMETRIC IDENTIFICATION AND AUTHENTICATION 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 	:G06K9/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)B. PRASANALAKSHMI Address of Applicant: PLOT NO: 01, ARUNACHALA NAGAR, INDHRA NAGAR (EXTN), NEAR NEW RAILWAY STATION, BIG KANCHEEPURAM - 631 502 Tamil Nadu India (72)Name of Inventor: 1)B. PRASANALAKSHMI 2)A. KANNAMMAL
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(57) Abstract:

A watermark based biometric identification and authentication system and method for validating at least one biometric trait with respect to an individual in a secured environment. At least one biometric trait including a fingerprint, a palm vein and a face image can be captured using an image processing unit in order to thereby process the captured biometric trait for extracting at least one feature with respect to an individual. The features with respect to the biometric traits are further stored into appropriate databases such as a fingerprint database, a palm vein database and a face image database separately in order to thereby form a watermark image with respect to the individual. The watermark image consisting of the biometric traits of the individual can be further stored into a smartcard or physical medium in order to thereby retrieve the biometric traits for validating the individual in a secured environment. The biometric system can verify and validate the credentials of the individual by evaluating every biometric trait of the individual stored in the databases.

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

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : ROAD FINISHING MACHINE AND METHOD FOR LAYING MIXED MATERIAL WITH A ROAD FINISHING MACHINE

(51) International classification	·E01C10/00	(71)Name of Applicant
` '	:12 004	(71)Name of Applicant : 1)JOSEPH V–GELE AG
(31) Priority Document No	275.9	Address of Applicant :Joseph-Voegele-Strasse 1, 67067
(32) Priority Date		Ludwigshafen/Rhein, Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)Martin BUSCHMANN
Filing Date (87) International Publication No	:NA : NA	2)Klaus OETTINGER
(61) Patent of Addition to Application Number	. NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a road finishing machine (F) comprising at least one screed (2), a machine control (8), and a ventilation system (12) including a fan (13), the fan (13) can be switched on or off via the machine control (8) automatically independent of the operator and exclusively depending on demand. According to the invention, before or during the laying operation, a defined demand for the operation of the ventilation system (12) is determined, and during or for the laying operation, the ventilation system (12) is operated independent of the operator and automatically, and optionally power-controlled, upon determination of the defined demand.

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

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : DETERMINING, MANAGING AND DEPLOYING AN APPLICATION TOPOLOGY IN A VIRTUAL ENVIRONMENT

(51) International classification :H04L12/00 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)INFOSYS LIMITED Address of Applicant: IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560100 Karnataka India (72)Name of Inventor: 1)SUDHEESHCHANDRAN NARAYANAN 2)RAMKUMAR DARGHA 3)VISHWANATH NARAYAN 4)SURESH KARRA 5)VISHVANATH MUTHYALA 6)SANJEEV KUMAR
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(57) Abstract:

A method and a system for determining, managing and deploying an application topology in a virtual environment are provided. QoS parameters, workload attributes and application topology elements are received. An application topology and a deployment strategy are determined based on the received one or more of QoS parameters, workload attributes, application topology elements and application topology patterns. Virtual environment components are identified based on the determined application topology and the deployment strategy. After the application topology is deployed, the QoS parameters of the virtual environment components are monitored. After analyzing the monitored QoS parameters with expected QoS parameters, a QoS parameter variance is detected. If the detected QoS parameter variance exceeds the pre-defined threshold, a corrective action for the application topology is determined.

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

(22) Date of filing of Application :27/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PENTAGON-SHAPED CUTTING INSERT AND SLOTTING CUTTER THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B23C5/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KENNAMETAL SHARED SERVICES PRIVATE LIMTED Address of Applicant:8/9th Mile, Tumkur Road, Bangalore- 560073, Karnataka, India. (72)Name of Inventor: 1)Prem Kumar
Filing Date (87) International Publication No (61) Patent of Addition to Application Number		(72)Name of Inventor: 1)Prem Kumar 2)Sivapapachari Chennuri
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	2)61vapapacnari Chemiari

(57) Abstract:

A cutting insert (10) for machining a workpiece includes a top surface (12); a bottom surface (14). A plurality of peripheral side surfaces (16, 18, 20, 22, 24) extend between the top and bottom surfaces (12, 14). Each side surface includes an arcuate-shaped surface (16a, 18a, 20a, 22a, 24a) and a substantially planar surface (16b, 18b, 20b, 22b, 24b). Each substantially planar surface (16b, 18b, 20b, 22b, 24b) is formed with a true angle (28) with respect to a plane (30) perpendicular to the top and bottom surfaces (12, 14) that results in a relatively smaller resultant angle (32) when mounted in a slotting cutter (100) to produce a true 90 degree wall on a workpiece during a slotting cutting operation.

No. of Pages: 18 No. of Claims: 14

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR RETROFITTING VORTEX GENERATORS ON A WIND TURBINE BLADE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B64C23/06,F01D5/14,F03D7/02 :11175051.9 :22/07/2011 :EPO :PCT/EP2012/064298 :20/07/2012	(71)Name of Applicant: 1)LM WP PATENT HOLDING A/S Address of Applicant: Jupitervej 6 DK 6000 Kolding Denmark (72)Name of Inventor: 1)MADSEN Jesper
(87) International Publication	:WO 2013/014080	
(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 retrofitting vortex generators (40) on a wind turbine blade (10) is disclosed the wind turbine blade (10) being mounted on a wind turbine hub (8) and extending in a longitudinal direction and having a tip end (14) and a root end (16) the wind turbine blade (10) further comprising a profiled contour including a pressure side (52) and a suction side (54) as well as a leading edge (56) and a trailing edge (58) with a chord (60) having a chord length extending there between the profiled contour when being impacted by an incident airflow generating a lift. The method comprises identifying a separation line (38) on the suction side (54) of the wind turbine blade (10) and mounting one or more vortex panels (36) including a first vortex panel comprising at least one vortex generator (40) on the suction side (54) of the wind turbine blade (10) between the separation line (38) and the leading edge (18) of the wind turbine blade.

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

(22) Date of filing of Application :17/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: NARROW BAND PASS WIDE STOP BAND HARMONIC REJECTION SUSPENDED SUBSTRATE STRIPLINE FILTER

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)M/S BHARAT ELECTRONIC LIMITED Address of Applicant :NAGAVARA, OUTER RING ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DURAIRAJ PACKIARAJ
(87) International Publication No	: NA	2)MANGIPUDI RAMESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention illustrates design of a narrow band pass filter with wide stop band and harmonic rejections in suspended substrate stripline medium. The additional loading circuits build a harmonic suppression circuit into the filter. The harmonic suppression circuit consists of parallel plate capacitors 9 loaded at the end of the coupled lines 6 using top 3 and bottom layers 4 of the PCB 1 and open circuited shunt lines 7 loaded at the centre of the half wavelength coupled lines. The circuit comprises the PCB 1 enclosed in a housing, which forms SSS configuration. The open circuited shunt lines 7 are embedded with coupled lines 6 for harmonic suppressions at 3fo and 4fo, which makes the filter with wide stop band region. It offers stop band region up to 11 GHz with rejection better than 40dB (upto 4fo). This is useful in wireless communication system products where harmonic suppression is essential.

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

(22) Date of filing of Application :06/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF DEFERASIROX

(51) International classification	:C07D249/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BIOCON LIMITED
(32) Priority Date	:NA	Address of Applicant :20th KM, Hosur Road, Electronic City,
(33) Name of priority country	:NA	P.O., Bangalore 560 100, Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KIRAN KUMAR KOTHAKONDA
(87) International Publication No	: NA	2)GEARU DAMODAR REDDY
(61) Patent of Addition to Application Number	:NA	3)SRINIVAS PULLELA VENKATA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present disclosure discloses the commercially viable process for the preparation of Deferasirox and its polymorph with. Disclosed process involves the preparation of Deferasirox via metal salt of the corresponding intermediate and deferasirox metal salt.

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

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: ON DEMAND TAB REHYDRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:13/191365 :26/07/2011 :U.S.A. :PCT/US2012/046228 :11/07/2012 :WO 2013/015991	(71)Name of Applicant: 1)MICROSOFT CORPORATION Address of Applicant: One Microsoft Way Redmond Washington 98052 6399 U.S.A. (72)Name of Inventor: 1)JOO Young Kun 2)OLSON Jason R. 3)VENKATACHALAPATHY Vinay Kumar
	:WO 2013/015991 :NA :NA :NA :NA	

(57) Abstract:

Various embodiments proactively monitor and efficiently manage resource usage of individual tabs. In at least some embodiments one or more tabs can be dehydrated in accordance with various operational parameters and rehydrated when a user actually activates a particular tab. In at least some embodiments rehydration can occur on a tab by tab basis while at least some tabs remain dehydrated. Dehydrated tabs can in some embodiments be visually presented to a user in a manner in which normal active tabs are presented.

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

(21) Application No.3190/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A SYSTEM FOR HOME AUTOMATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)ABB INDIA LIMITED Address of Applicant: 2ND FLOOR, EAST WING, KHANIJA BHAVAN, 49, RACE COURSE ROAD,
(86) International Application No	:NA	BANGALORE 560 001 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DEEPAK TIKLE
(61) Patent of Addition to Application Number	:NA	2)CHETAN KHARE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system for home automation. The system for home automation comprises at least one switch arrangement, a communication network for providing communication. The switch arrangement has at least one switch module. The switch arrangement has at least one power supply module for providing power supply to the switch module of the switch arrangement.

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

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :17/07/2013

(21) Application No.3191/CHE/2013 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: A SWITCH ASSEMBLY

(51) International classification	:H02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, EAST WING,
(33) Name of priority country	:NA	KHANIJA BHAVAN, 49, RACE COURSE ROAD,
(86) International Application No	:NA	BANGALORE 560 001 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)INDER LAL
(61) Patent of Addition to Application Number	:NA	2)DEEPAK TIKLE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a switch assembly. The switch assembly of the invention comprises at least one module insert has at least one functionality of the load integrated therein. A mounting plate is provided for mounting the one or more module inserts. Each of the module insert has a touch screen corresponding to one or more functionalities of the load provided therein.

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

(21) Application No.3251/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : THE INTEGRATED HYDRO-MECHANICAL SYSTEM FOR DEEP OCEAN MANGANESE NODULE MINING

(51) International classification	:E21C50/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF. KUMARASWAMY SIVASAILAM
(87) International Publication No	: NA	2)MR. DEEPAK CHULLICKAL RAPHAEL
(61) Patent of Addition to Application Number	:NA	3)PROF. MEDISETTI MADHUSUDANA RAO
Filing Date	:NA	4)PROF. MUTHUKAMATCHI RAVINDRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

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

The present invention relates to an integrated hydro-mechanical system for deep ocean manganese nodule mining.

(21) Application No.3252/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A METHOD TO COMPUTE STRAINS FROM FULL-FILED DATA

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. SANKARA J. SUBRAMANIAN
(87) International Publication No	: NA	2)G. N. SRINIVAS
(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: 43 No. of Claims: 10

This present invention relates to a method to compute strains from full-field data.

(21) Application No.159/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date: 23/01/2015

(54) Title of the invention: TRICYCLIC ANTIBIOTICS

(51) International classification :C07D491/14,C07D491/147 (71)Name of Applicant :

(31) Priority Document No :11170372.4 (32) Priority Date :17/06/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2012/060953 Filing Date :11/06/2012 (87) International Publication No :WO 2012/171860

(61) Patent of Addition to Application :NA

:NA Filing Date

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

1)BASILEA PHARMACEUTICA AG

Address of Applicant: Grenzacherstrasse 487 CH 4005 Basel

Switzerland

(72)Name of Inventor: 1)GAUCHER Brang"re 2)DANEL Franck Hubert

3)XIE Tong 4)XU Lin

(57) Abstract:

Compounds of formula (I) wherein A1 represents 0 S or CH; A2 represents CH or 0; A3 represents C Ccycloalkylene; saturated or unsaturated 4 to 8 membered heterocyclodiyl with 1 2 or 3 heteroatoms selected from nitrogen or oxygen which group A3 is unsubstituted or substituted; A4 represents C Calkylene C(=0); G represents aryl or heteroaryl which is unsubstituted or substituted; X1 represents a nitrogen atom or CR1; R1 represents a hydrogen atom or a halogen atom; R2 represents a hydrogen atom; m is 0 or 1; n is 1; the (CH) group is unsubstituted or substituted; p is 0 or 1; or pharmaceutically acceptable salts thereof are valuable for use as a medicament for the treatment of bacterial infections.

No. of Pages: 112 No. of Claims: 27

(21) Application No.188/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: MINING METHOD FOR GASSY AND LOW PERMEABILITY COAL SEAMS

(51) International classification (31) Priority Document No	:E21C41/18,E21F7/00,E21B43/17 :2011902475	(71)Name of Applicant: 1)GRAY Ian
(32) Priority Date	:24/06/2011	Address of Applicant :93 Colebard St West Acacia Ridge
(33) Name of priority country	:Australia	Queensland 4110 Australia
(86) International Application No Filing Date	:PCT/AU2012/000688 :15/06/2012	(72)Name of Inventor : 1)GRAY Ian
(87) International Publication No	:WO 2012/174586	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of degassing a coal seam by directionally drilling a borehole in a rock formation that is adjacent the coal seam or between two different coal seams. The borehole is then pressurised to fracture the adjacent coal seam(s) to enhance the permeability thereof and allow fluids to flow from the coal seam to the borehole and be extracted from the coal seam.

No. of Pages: 20 No. of Claims: 19

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 23/01/2015

(54) Title of the invention : SYSTEM AND METHOD TO ENABLE END USER TRANSACTION USING MOBILE PHONES AS A VIRTUAL WALLET

 (51) International classification (31) Priority Document No (32) 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)BABU SAJAN Address of Applicant:#36, GOLDEN WOODS, KASAVAHAHALLI, MAIN ROAD, KAIKONDRAHALLI, CARMELARAM P.O., BANGALORE 560 035 Karnataka India (72)Name of Inventor: 1)BABU SAJAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)2122 0 012012 1
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a system and method that enables secure transactions using mobile phones/computing devices as a virtual wallet/ transaction terminal system to do financial/other transactions at any transaction terminal and on the internet without producing/ using physical credit/debit or any other payment cards/devices. The transaction is effected by using the information and associated processing hardware and software stored in the user devices that generates unique, encrypted, time limited authentication data capable of being transmitted using insecure means. The authorization data is transferred to issuing authority system directly or through a transaction terminal system using a coded image to perform the required authentication, authorization and the transaction itself.

No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :18/02/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING HANDOVER OF WIRELESS CONNECTIONS FROM A LTE NETWORK TO A WI-FI NETWORK

(51) International classification	:H04W48/00	(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.
(86) International Application No	:NA	66/1, Bagmane Tech Park, C V Raman Nagar, Byrasandra,
Filing Date	:NA	Bangalore 560093, Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JAMADAGNI, Satish Nanjunda Swamy
Filing Date	:NA	2)RAJADURAI, Rajavelsamy
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The various embodiments herein provide a method and system for providing network offloading in a wireless communication. The method comprising includes obtaining an Access Technology Selection Policy (ATSP) from at least one of Access Network Discovery and Selection Function (ANDSF), pre-configuration and Mobile Management Entity (MME), wherein the ATSP comprises of a plurality of radio access network selection criteria assistance default threshold values; modifying the ANDSF ATSP threshold values based on at least one of the radio characteristics and load conditions of the Radio Access Network (RAN) node by the RAN node; sending the modified ATSP threshold values to the UE; updating the ANDSF policy with the modified ATSP threshold values by the UE and determining offloading of the UE from a first radio access network to a second radio access network by the UE.

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

(21) Application No.3170/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A NOVEL WAVEGUIDE TECHNIQUE FOR THE SIMULTANEOUS MEASURMENT OF TEMPERATURE DEPENDENT PROPERTIES OF MATERIALS

(51) International classification	:A22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O. CHENNAI 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. KRISHNAN BALASUBRAMANIAM
(87) International Publication No	: NA	2)SURESH PERIYANNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		

(57) Abstract:

This invention discloses a method and a system for measuring mechanical properties of a solid material using standard ultrasonic wave modes characterized in the solid material which forms the wave guide encased a fluid media, particularly at high temperatures, with an ultrasonic transducer placed at one end of a wave guide and to generate multiple wave modes which travel in different path alongwith the length and reflected a set of corresponding sensors for detecting the amplitude and time of flights, and a processor means to analyze with the detected signals.

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

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONTROLLED RELEASE FORMULATIONS OF LEVODOPA

(51) International classification :A61K (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)Dr. Reddy TM s Laboratories Limited Address of Applicant:8-2-337, Road No. 3, Banjara hills, Hyderabad, Andhra Pradesh, India (72)Name of Inventor: 1)Kharwade Pramod 2)Purushottam Nagar 3)Amol Mallesha Padasalgi 4)Sayuj Nath 5)Movva Snehalatha 6)Molugu Prashanth Reddy 7)Pechetti Siva Satya Krishna Babu
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(57) Abstract:

The present invention relates to a multiparticulate, controlled release oral solid formulations of levodopa comprising: i) an extended-release component comprising levodopa, carbidopa and a rate-controlling excipient; and ii) an extended-release component comprising a carboxylic acid, levodopa, carbidopa and a rate-controlling excipient. Specific embodiments of the invention relates to a stable controlled release formulation of levodopa providing a relatively steady levodopa plasma or serum concentration profile over a prolonged period of time.

No. of Pages: 42 No. of Claims: 7

(21) Application No.150/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/01/2011 (43) Publication Date : 23/01/2015

(54) Title of the invention: BENZODITHIOPHENE BASED MATERIALS COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C08G61/00 :12/689613 :19/01/2010 :U.S.A. :NA	(71)Name of Applicant: 1)XEROX CORPORATION Address of Applicant: 45 GLOVER AVENUE, P.O. BOX 4505, NETWALK CONNECTICUT 06856-4505 U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)ANTHONY WIGGLESWORTH
(87) International Publication No	: NA	2)YILIANG WU
(61) Patent of Addition to Application Number	:NA	3)PING LIU
Filing Date	:NA	4)NAN-XING HU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A polymer semiconductor that includes a polythiophene having an Mn from about 1,000 to about 400,000 Daltons and derived from benzodithiophene monomer segments of Formula (1) and at least one divalent linkage providing compound selected from the group consisting of an aromatic or heteroaromatic electron acceptor compound X and an aromatic or heteroaromatic compound Y, wherein Ri and R2 are side chains independently selected from the group consisting of a hydrogen atom, a hydrocarbon group, a heteroatom and combinations thereof.

No. of Pages: 28 No. of Claims: 3

(12) TATENT ATTECATION TOBERCATIO

(21) Application No.209/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: MULTIVIEW VIDEO CODING

(51) International classification	·H04N7/26 H04N7/50	(71)Name of Applicant:
(31) Priority Document No	:61/512771	1)QUALCOMM Incorporated
(32) Priority Date	:28/07/2011	Address of Applicant :5775 Morehouse Drive ATTN:
(33) Name of priority country	:U.S.A.	International IP Administration San Diego California 92121 1714
(86) International Application No	:PCT/US2012/048478	U.S.A.
Filing Date	:27/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/016611	1)CHEN Ying
(61) Patent of Addition to Application	:NA	2)KARCZEWICZ Marta
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Aspects of this disclosure relate to a method of coding video data. In an example the method includes obtaining from an encoded bistream and for any view component of a first view reference view information indicating one or more reference views for predicting view components of the first view. The method also includes including for decoding a first view component in an access unit and in the first view one or more reference candidates in a reference picture list where the one or more reference candidates comprise view components in the access unit and in the reference views indicated by the reference view information where the number of reference candidates is equal to the number of reference views. The method also includes decoding the first view component based on the one or more reference candidates in the reference picture list.

No. of Pages: 102 No. of Claims: 68

(21) Application No.3184/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A DEVICE AND METHOD FOR DIAGNOSIS OF METERING UNIT

(51) International classification (31) Priority Document No	:F02M :NA	(71)Name of Applicant : 1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHETTY Nandeep
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a method for diagnosing a metering unit (12) of a common rail fuel injection system. The duty cycle of the metering unit can be varied by varying the current supplied to the metering unit. When the current supplied to the metering unit is increased the metering unit gets closed progressively and the duty cycle of the metering unit also increases. Similarly when the current supplied to the metering unit is decreased the metering unit opens resulting in reducing of the duty cycle. Based on the status of the pressure release valve of the common rail and engine running, it is determined whether the metering unit is operating satisfactorily and a corresponding indication or a warning may be given on the diagnostic device.

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

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

(19) INDIA

(22) Date of filing of Application :11/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE SYNTHESIS OF TOLCAPONE

(51) I	C07C45/00	(71)N
(51) International classification	:C0/C45/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BIOPHORE INDIA PHARMACEUTICALS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT#23, 3RD FLOOR, TIE,
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD, 5000037 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MANIK REDDY PULLAGURLA
(87) International Publication No	: NA	2)JAGADEESH BABU RANGISETTY
(61) Patent of Addition to Application Number	:NA	3)MECHERIL VALSAN NANDAKUMAR
Filing Date	:NA	4)BHASKAR REEDY PITTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to an improved process for the preparation of (3,4-dihydroxy-5-nitrophenyl)(4-methylphenyl)methanone (Tolcapone).

No. of Pages: 13 No. of Claims: 12

(19) INDIA

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

(21) Application No.193/CHENP/2014 A

(43) Publication Date: 23/01/2015

(54) Title of the invention: HANDLE FOR CONTAINER

(31) Priority Document No :29/396789 1) (32) Priority Date :07/07/2011 (33) Name of priority country :U.S.A. 481 (86) International Application No :PCT/US2012/045420 (72)	71)Name of Applicant: 1)PLASTIPAKPACKAGING, INC. Address of Applicant: 41605 Ann Arbor Road, Plymouth, MI 8170, United States of America 72)Name of Inventor: 1)DORN James Christopher
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(57) Abstract:

A separately formed handle for a container includes an annular portion an extension portion and a grip portion. The annular portion can be configured to engage a portion of a separate container. The extension portion of the handle is connected to and extends from the annular portion and the grip portion is connected to the extension portion. In embodiments the grip portion includes a plurality of spaced apart fins having grooves on opposite surfaces thereof.

No. of Pages: 17 No. of Claims: 19

(21) Application No.5556/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 23/01/2015

(54) Title of the invention: HIGH EFFICIENCY WOOD BURNING STOVE

(51) International classification	:F24B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Jayaprakash V
(32) Priority Date	:NA	Address of Applicant :Edavanakkandi House Edakkulam
(33) Name of priority country	:NA	Post Kayilandi (Via) Kozhikode Dist 673306 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Jayaprakash V
(87) 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:

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

The present invention mainly relates to stove and more particularly to the high efficiency wood burning stove.

(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : AN AUTOMATIC CONTROL SYSTEM FOR PADDY DRYER IN RICE MILL AND A RICE MILL USING THE SAME

(51) International classification	:B02B1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M.D. JAGADEESHWARAN
(32) Priority Date	:NA	Address of Applicant :NO.3/42, ODAKKATTUVALASU,
(33) Name of priority country	:NA	MUTHAMPALAYAM, ERODE - 638 112 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)M.D. JAGADEESHWARAN
(87) 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 automated control system in a rice mill is comprised of a steam boiler that feeds through a steam-hot air heat exchanger, hot air via a blower into a grain dryer, the grain being fed in and out of the dryer through inlet and outlet ports, temperature sensors in the hot air path, a sensor pair to limit the steam motor valve opening and closing; a piston valve to operate steam to fully open and fully closed positions respectively and a drop valve to remove condensate water from the heat exchanger. The whole system is governed by an automated panel operated by signals from the above sensors and processed by microcontroller or PLCs programmed accordingly. A moisture meter is located at the dryer exit and feeds a signal to the control panel to monitor the moisture level of the passing grain.

No. of Pages: 18 No. of Claims: 22

(22) Date of filing of Application :19/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: COMPOSITIONSAND METHODS FOR THE TREATMENT OF 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 	:A61K :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RAJESH Address of Applicant:54B-BHARATH BHAVAN ROAD, METTUPALAYAM - 641 301 Tamil Nadu India (72)Name of Inventor: 1)RAJESH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pharmaceutical composition for the treatment of patients with cancer is disclosed. The composition comprises effective amounts of: components obtained from Andrographis (Andrographis Paniculata); and a protein supplement. This composition can be produced by: contacting powdered Andrographis with water to allow said water to extract components from said Andrographis powder to produce an aqueous extract; and mixing the aqueous extract with a protein supplement to form a drink. A method for treating a patient with cancer is also disclosed. This method can comprise the step of orally administering to said patient the drink.

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

(22) Date of filing of Application :05/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 2-AMINO-1,3-PROPANE DIOL COMPOUNDS AND SALTS THEREOF

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BIOCON LIMITED
(32) Priority Date	:NA	Address of Applicant :20th KM, Hosur Road, Electronic City
(33) Name of priority country	:NA	P.O., Bangalore 560 100, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KOTHAKONDA KIRAN KUMAR
(87) International Publication No	: NA	2)CHANDRASHEKAR ASWATHANARAYANAPPA
(61) Patent of Addition to Application Number	:NA	3)DHARSHAN JAKKALI CHANDREGOWDA
Filing Date	:NA	4)CHANDRASEKHAR DUVVA
(62) Divisional to Application Number	:NA	5)VENKATA SRINIVAS PULLELA
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to processes for the preparation of 2-amino-1,3-propane diol compounds and their hydrochloride salts. Particularly, the present disclosure relates to processes for synthesizing 2-amino-2-(2-(4-octylphenyl)ethyl)-1,3-propanediol and its hydrochloride salt 2-amino-2-(2-(4-octylphenyl)ethyl)-1,3-propanediol hydrochloride respectively. The said process is safe, commercially feasible for large-scale synthesis and has improved efficacy along with many other advantages. The present disclosure also relates to the novel polymorphs of 2-amino-1,3-propane diol compound and its hydrochloride salt, where in 2-amino-1,3-propane diol compound is 2-amino-2-(2-(4-octylphenyl)ethyl)-1,3-propanediol, and its hydrochloride salt is 2-amino-2-(2-(4-octylphenyl)ethyl)-1,3-propanediol hydrochloride.

No. of Pages: 39 No. of Claims: 27

(22) Date of filing of Application :30/08/2012 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR ELIMINATING MODE SHIFTING IN LARGE MODE AREA OPTICAL FIBERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G02B6/00 :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY-MADRAS Address of Applicant: I.I.T Post Office Adyar Chennai-600 036 Tamil Nadu India
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA : NA :NA	(72)Name of Inventor: 1)SRINIVASAN BALAJI 2)VENKITESH DEEPA 3)PANBIHARWALA YUSUF
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method for eliminating mode shifting in large mode area optical fibers. The method includes coiling the fiber for keeping the fundamental LP01 mode symmetric along the length of the fiber. By coiling the fiber the mode is forced to be close to the center of the fiber thereby alleviating mode shifting issue in large mode area optical fibers. The method is further applicable to polarization maintaining large mode area optical fibers including PANDA fibers.

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

(21) Application No.85/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MOTION ARTIFACT REDUCTION IN ECG HARNESS

 (51) International classification (31) Priority Document No (32) 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 :61/837,059 :09/07/2013 :U.S.A. :NA :NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A motion artifact reduction apparatus and method

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

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: INTERACTIVE RENDERING ON A MULTI-DISPLAY DEVICE

(51) International classification	·G06T15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)POLARIS FINANCIAL TECHNOLOGY LTD.
(32) Priority Date	:NA	Address of Applicant :Polaris House, 244 Anna, Salai,
(33) Name of priority country	:NA	Chennai - 600006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUPPUSWAMY, Rajesh
(87) International Publication No	: NA	2)SARMA, Karra Appala Narasimha
(61) Patent of Addition to Application Number	:NA	3)JAIN, Arun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods for rendering content on a multi-display device (104) interactively are described. In one implementation, a request for rendering the content data on the multi-display device (104) is received, wherein the content data includes presentation slides. Further, screen information including a number of available screens on the multi-display device (104) and location information of the available screens is determined using a device driver (108). Also, a rendering pattern for rendering the content data on one or more of the available screens is received and the content data is provided, based on the screen information and the rendering pattern, to the device driver (108) for rendering the content data on the one or more of the available screens of the multi-display device (104).

No. of Pages: 25 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.153/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 07/01/2014

(43) Publication Date: 23/01/2015

(54) Title of the invention: A COMMUNICATION PLATFORM FOR ITERATIVE MULTIPARTY CONVERGENCE TOWARDS A MICRODECISION

(51) International :G06Q10/00,H04L12/58,G06F3/048 classification

(31) Priority Document No :11171175.0

(32) Priority Date :23/06/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/061993

No :21/06/2012 Filing Date

(87) International Publication :WO 2012/175623

(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)NV MOBICAGE

Address of Applicant : Antwerpsesteenweg 19 B 9080

Lochristi Belgium (72)Name of Inventor:

1)AUDENAERT Geert Michel Maria

2)DHALLUIN Carl Rene

(57) Abstract:

According to the invention there is provided a platform (10) for supporting iterative convergence towards a micro decision that is configured such that: said participants (100) can modify their selection of means (400) for replying to a message (300) comprising one or more predetermined responses (310) in a plurality of iterations; and said participants (100) are provided with the most recent iteration of said selection of said participants (100).

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

(22) Date of filing of Application :04/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONFERENCE PREPARATION APPARATUS, CONFERENCE PREPARATION METHOD, AND STORAGE MEDIUM

(51) International classification(31) Priority Document No	:G06Q10/00 :2012- 050686	(71)Name of Applicant: 1)CANON KABUSHIKI KAISHA Address of Applicant: 3-30-2, SHIMOMARUKO, OHTA-KU,
(32) Priority Date		TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YAMANE, TOSHIMIZU
Filing Date	:NA	2)SOEDA, GAKUYA
(87) International Publication No	: NA	3)KUROSAWA, TAKAHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A conference preparation apparatus includes a material identification information acquisition unit configured to acquire material identification information specified by an operation performed on a display screen, a material information acquisition unit configured to acquire material information from a server based on the material identification information acquired by the material identification information acquisition unit, a management unit configured to manage on a person-by-person basis the material information acquired by the material information acquisition unit, and an agenda management unit configured to associate the material identification information with conference items.

No. of Pages: 133 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/03/2013

(43) Publication Date: 23/01/2015

(54) Title of the invention : SENSOR ARRANGEMENT FOR DETECTING A SAFE INSTALLATION STATE OF AN INSTALLATION OPERATED IN AN AUTOMATED MANNER

(51) International classification	:G05B19/00	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)PILZ GMBH & CO. KG
•	101 933.9	Address of Applicant :Felix-Wankel-Str. 2, 73760 Ostfildern,
(32) Priority Date	:07/03/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Christophe Arth
Filing Date	:NA	2)Erik Holzapfel
(87) International Publication No	: NA	3)Martin Bellingkrodt
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sensor arrangement for detecting a safe installation state of an installation (10) operated in an automated manner has an input circuit (60) which is designed to receive a first input signal (66c) and to receive at least one further input signal (66a). The first input signal (66c) depends on the safe installation state to be detected. The further input signal (66a).....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1020/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/05/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: VIRTUAL REALITY BASED WELDING SIMULATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)VIRTUAL LOGIC SYSTEMS PVT.LTD Address of Applicant: NO. 571/1, 2,3, V4 COMPLEX, KRISHNA KAMALA ENCLAVE, UTTARAHALLI, BANGALORE - 560 061 Karnataka India (72)Name of Inventor: 1)SUDARAHAN RAMA CHANDRIAH
 (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)SUDARAHAN RAMACHANDRIAH

(57) Abstract:

The inventive subject matter of the present disclosure provides apparatus, systems, and methods for conducting welding simulation. Systems and method further relate to virtual welding environments that emulate welding of a three-dimensional work piece created virtually on a monitor.

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

(22) Date of filing of Application :08/01/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: ANTI PSGL 1 ANTIBODIES 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 	:C07K16/28 :61/496249 :13/06/2011 :U.S.A. :PCT/US2012/042068 :12/06/2012 :WO 2012/174001	(71)Name of Applicant: 1)ABGENOMICS COOPERATIEF U.A. Address of Applicant: Strawinskylaan 3111 NL 1077 ZX Amsterdam Netherlands (72)Name of Inventor: 1)BASSARAB Stefan 2)ENENKEL Barbara
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)GARIDEL Patrick 4)SCHOTT Heidrun 5)SINGH Sanjaya 6)LITZENBURGER Tobias

(57) Abstract:

Provided herein in one aspect are antibodies that immunospecifically bind to PSGL 1 polynucleotides comprising nucleotide sequences encoding such antibodies and expression vectors and host cells for producing such antibodies. Also provided herein are kits and pharmaceutical compositions comprising antibodies that specifically bind to PSGL 1 as well as methods of treating a disorder or disease caused by or associated with increased proliferation and/or numbers of activated T cells using the antibodies described herein.

No. of Pages: 74 No. of Claims: 16

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: AN INSPECTING DEVICE FOR CRANKCASE OF MOTORCYCLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006. Tamil
(86) International Application No Filing Date	:NA :NA	Nadu India (72)Name of Inventor:
(87) International Publication No	: NA	1)PALANIYAPPAN KANNAN
(61) Patent of Addition to Application Number	:NA	2)SUBRAMHANYA CHANDRA SHEKAR
Filing Date	:NA	3)SETHU SUBRAMANIAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention disclosure presents an inspecting device for crankcase which has a new measurement technique for cylinder block seating surface height from crankshaft slot. Said crankcase is fixed over a base plate and an orienting pin fixed over base plate is facilitating proper positioning of crankcase. A ball clamp is located in a ball clamp locater which is fixed over base plate and is accommodated in a crankshaft slot of crankcase. This ball clamp has circular solid structures supported by a spring controlled plunger from inside of the ball clamp. Said plunger produces pressure on circular solid structures from inside and circular solid structure adjusts dimensional deviations of the crankshaft slot aligning centre of crankshaft slot and centre of ball clamp. Mentioned electronic probes read cylinder block seating surface height from centre of ball clamp and displays on associated screen.

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

(22) Date of filing of Application :15/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD FOR PRODUCING A SENSOR UNIT, SENSOR UNIT AND INSTRUMENTED BEARING COMPRISING SUCH A SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H05K9/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AKTIEBOLAGET SKF Address of Applicant:415 50 GOREBORG Sweden (72)Name of Inventor: 1)GERTJAN VAN AMERONGEN 2)GERTJAN VAN AMERONGEN
 (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:

This method is for producing a sensor unit (6) for sensing the angular position of a rotatable element (42) with respect to a fixed element (44), comprising an encoder element (62) fast with the rotatable element (42), adapted to generate magnetic field variations as a function of its angular position, and a sensing element (640) fast with the fixed element (44), adapted to sense the magnetic field variations. The sensing element (640) is mounted on and connected to a printed circuit board (642) mounted in a shielding casing (66) fast with the fixed element (44). This method comprises a step consisting in earthing the shielding casing (66) by electrically connecting it to a load discharging device of the printed circuit board (642).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3214/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A POWER SWITCH OVER KIT TO CONVERT A CONVENTIONAL INTERNAL COMBUSTION ENGINE VEHICLE (ICEV) INTO PARALLEL PLUG-IN HYBRID ELECTRIC VEHICLE (PPHEV)

(51) International classification	·B60K6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARIHARAKRISHNAN SIVARAMAKRISHNAN
(32) Priority Date	:NA	Address of Applicant :NO.423, HSR LAYOUT CPWD
(33) Name of priority country	:NA	QUARTERS, BLOCK 30, SECTOR 1, BANGALORE - 560 102
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HARIHARAKRISHNAN SIVARAMAKRISHNAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Developed an intelligent kit which when installed converts any normal vehicle to parallel plug in hybrid electric vehicle at a very low cost. A brushless Dc motor was used for delivering electric power and its motor driver circuit was fabricated and a dsPIC Microcontroller was used for speed control and switching between electric engine and I.C engine. The kit along with the motor and battery was successfully tested in a 90cc scooter.

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

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: CONTROL SYSTEM FOR HYBRID VEHICLE

(51) International classification	·B60W20/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KRISHNAMOHAN GEDDADI
(61) Patent of Addition to Application Number	:NA	2)SALIL JOSHY
Filing Date	:NA	3)SURAJIT DAS
(62) Divisional to Application Number	:NA	4)SAMRAJ JABEZ DHINAGAR
Filing Date	:NA	

(57) Abstract:

The present invention relates to a hybrid vehicle employing an electronic controller which detects a gradient or a slope and changes the vehicle drive mode automatically based on inputs received from an inclination sensor, a motor position sensor and a vehicle throttle position sensor. The controller also aids in supplying power to a traction motor and in charging of a battery based on the level of gradient detected and the state of charge (SOC) of battery. Furthermore, the controller also enhances the safety of the vehicle by preventing vehicle roll forward or vehicle roll back under gradient conditions by receiving inputs from the inclination sensor, a side stand switch, a centre stand switch, a wheel brake sensor and a seat occupancy sensor.

No. of Pages: 23 No. of Claims: 4

(22) Date of filing of Application :25/09/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : LID MEMBER FIXING METHOD AND SHOCK ABSORBER MANUFACTURING METHOD USING THE METHOD

(51) International classification	:B65D	(71)Name of Applicant:
(31) Priority Document No	:2013- 072832	1)SHOWA CORPORATION Address of Applicant :1-14-1, FUJIWARA-CHO, GYODA-
(32) Priority Date	:29/03/2013	SHI, SAITAMA 361-8506 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAMEDA, HIROKATSU
Filing Date	:NA	2)TAKAHASHI Hideaki
(87) 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 cylinder is configured so as to include a lid member placing portion formed by a stepped portion between an inner peripheral surface of a cylinder on an end opening side and the inner peripheral surface of the cylinder on a central side, and a lid member fitting portion formed by the inner peripheral surface of the cylinder on the end opening side. A lid member includes a cutout portion that extends to a peripheral surface of a column of the lid member and one end face of the column. The lid member is inserted from an end opening of the cylinder into an inner side of the cylinder on the end opening side, and the other end face of the column of the lid member is placed on the lid member placing portion such that a circumferential surface of the column of the lid member and the inner peripheral surface of the cylinder that is the lid member fitting portion fit to each other and a centerline of the column of the lid member and a centerline of the cylinder coincide with each other, and then an end opening edge of the cylinder that protrudes further outward than the one end face of the column of the lid member by rolling crimping processing so as to come into close contact with the one end face of the column of the lid member, and thereby the lid member is fixed to the inner side of the end opening of the cylinder.

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

(22) Date of filing of Application :01/03/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR CREATING AND ESTABLISHING A WORKFLOW BASED TEMPLATE FOR A DOMAIN SERVER OR IP SERVER IN DATACENTERS

(51) International classification	:G06Q10/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Payoda Technologies Pvt. Ltd.
(32) Priority Date	:NA	Address of Applicant : Module No.120/2, North Block, First
(33) Name of priority country	:NA	Floor, ELCOSEZ, TIDEL PARK, Coimbatore-641014, Tamil
(86) International Application No	:NA	Nadu, India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Anand Purusothaman
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:800/CHE/2012	
Filed on	:01/01/1900	
(55) A1		

(57) Abstract:

A computer implemented method for creating and establishing one or more workflow based template for a one or more domain servers by a one or more users using a centralized application management system is provided. The one or more users include a first user and a second user. The computer implemented method includes (i) creating, at a template module, a first workflow based template for a first domain server by the first user, the first workflow based template includes one or more root node, the one or more root node includes a one or more patent nodes, (ii) sending, by the first user, the first workflow based template for validation and approval by the second user, and (iii) establishing the first workflow based template in the first domain server.

No. of Pages: 52 No. of Claims: 10

(22) Date of filing of Application :30/12/1997 (43) Publication Date : 23/01/2015

(54) Title of the invention : METHOD OF FORMING ROBUST METAL, METAL OXIDE AND METAL ALLOY LAYERS ON ION-CONDUCTIVE POLYMER MEMBRANES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H01M 4/02 :60/035,999 :22/01/1997 :U.S.A. :NA	11
Filing Date	:NA	2)JAMES RUSSELL GIALLOMBARDO
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

This invention relates to a process for the preparation of an ion-conducting membrane provided with a thin film of at least one metal, metal alloy,or mixed metal oxides as herein described,said method comprising: subjecting the ion-conductive membrane under vacuum to a low energy beam whose energy ranges from 100 to 500 eV to clean the membrane surface. and subjecting the cleaned membrane under vacuum to a high energy beam whose energy ranges from 500 to 2000 eV containing ions of the metal to be deposited to form said films.

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

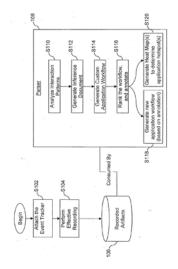
(22) Date of filing of Application :16/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHODS FOR BUILDING APPLICATION INTELLIGENCE INTO EVENT DRIVEN APPLICATIONS THROUGH USAGE LEARNING, AND SYSTEMS SUPPORTING SUCH APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06K 9/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SOFTWARE AG Address of Applicant: UHLANDSTRASSE 12, DARMSTADT, 64297 Germany (72)Name of Inventor: 1)VAIDYANATHAN PRAVEEN KUMAR 2)SIDDURAJ MALLIGARJUNAN
(87) International Publication No	: NA	3)WOODS GARY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Certain example embodiments relate to application intelligence gathering systems and/or methods, e.g., in connection with Event Driven Applications and/or the like. More particularly, certain example embodiments relate to the effective recording of application evolution and usage information for usage learning and/or event auditing purposes. With respect to usage learning, certain example embodiments may help to capture data on the usage patterns and/or apply learning algorithms that work on the captured data to provide required intelligence to the application. With respect to event auditing, certain example embodiments may help to identify the who, what, when, where, how, and/or why of particular operations. Application intelligence optionally may be used in determining application hotspots or commonly used features that could help in areas such as application maintenance, performance tuning, and/or the like.



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

(22) Date of filing of Application :24/09/1998 (43) Publication Date : 23/01/2015

(54) Title of the invention: COMPENSATION FOR POWER TRANSFER SYSTEMS USING ROTARY TRANSFORMER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H02J17/00 :08/967,445 :11/11/1997 :U.S.A. :NA	· /
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)EIHAR VAUGHN LARSEN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In an interconnection system (100) for transferring power between a first grid (22) operating at a first electrical frequency and voltage and a second grid (24) operating at a second electrical frequency and voltage, compensation circuits including a shunt compensation circuit (40) and a series compensation circuit (50) are provided for use in conjunction with a rotary transformer (102). The shunt compensation circuit (40) regulates voltage by adjusting reactive current injected in shunt, and is preferably connected between the first grid (22) and the rotary transformer (102). The series compensation circuit (50), which regulates e.g., reactive power flow through the rotary transformer (102), is preferably connected to a transformer (30) which interfaces the first grid (22) to the rotary transformer (102).

No. of Pages: 24 No. of Claims: 21

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

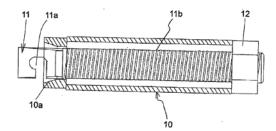
(43) Publication Date: 23/01/2015

(54) Title of the invention: STRAND BENDING JIG AND METHOD FOR BENDING STRAND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B21F1/00 :2013- 149834 :18/07/2013 :Japan :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HITACHI BUILDING SYSTEMS CO., LTD. Address of Applicant:2-101, KANDA-AWAJI-CHO, CHIYODA-KU, TOKYO 101-8941, JAPAN (72)Name of Inventor: 1)NAOKI HARUYAMA 2)ATSUSHI NAGASE
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(57) Abstract:

Provided is a strand bending jig that can minimize human effort when bending an end portion of a strand, reduce the number of components, and realize a compact and light body. [Means] The present invention provides a strand bending jig used for bending end portions 3a of a plurality of strands 3 forming a wire rope 2 in order to fix a socket 5 thereto, comprising: a cylindrical member 10; a rod-like member 11 that is inserted into the cylindrical member 10, whose one of the end portions which is projectable from the cylindrical member 10 includes a locking portion 11a for locking the strand 3 and whose outer periphery is formed by a screw portion 11b; and a nut 12 that is formed on a position opposite to the locking portion 11a on the rod-like member 11 and is formed to be screwed with the screw portion 11b.



No. of Pages: 16 No. of Claims: 4

(22) Date of filing of Application :08/07/1996 (43) Publication Date : 23/01/2015

(54) Title of the invention: A DRAG LINE WITH CANTILEVERED SIDE-ACCESS FUMP BLOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F27D1/04 :529, 868 :18/09/1995 :U.S.A. :NA :NA	WILMINGTON, DELAWARE 19803, UNITED STATES OF AMERICA (72)Name of Inventor:
(87) International Publication No	: NA	1)ANDREW PAUL DRETZKA
(61) Patent of Addition to Application Number	:NA	
Filing Date ((2) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dragline (10) with cantilevered side-access dump block a main housing (12), a bucket hoist mechanism (20) mounted on said main housing, a bucket drag mechanism (22) mounted on said main housing, a moving mechanism (34) for moving said main housing over the ground, a boom (24) which is supported on said main housing and which has an upper end, a rope guiding member (26) on said upper end of said boom, a bucket (29), a hoist rope (28) having one end connected to said bucket hoist mechanism, extending over said rope guiding member (26), and having an opposite end, a drag rope (31) extending between said bucket and said bucket drag mechanism, a cantilevered side access dump block (40) comprising a frame (52) having a main portion (56) connected to said opposite end of said hoist rope (28), and a cantilevered spindle (68) extending from said main portion, and a dump block sheave (44) mounted on said spindle for rotation about a sheave axis (84), and a dump rope (48) extending over said dump block sheave and having one end connected to said drag rope and an opposite end connected to said bucket, such that said dump rope can be removed from said sheave in the direction away from said main frame portion.

No. of Pages: 35 No. of Claims: 16

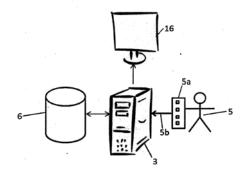
(22) Date of filing of Application :15/07/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: METHOD FOR GENERATING CONTROL-CODE BY A CONTROL-CODE-DIAGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13003610.6 :17/07/2013 :EPO :NA :NA : NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: AFFOLTERNSTRASSE 44, 8050 ZÜRICH, SWITZERLAND (72)Name of Inventor: 1)GOHR, KATHARINA 2)MESSINGER, CHRISTIAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for generating control-code by a computer-program running on a personal computer (3) is disclosed. In the method a control-diagram (1) with at least one function-block (2) and/or function-block-connection (4) is specified, comprising the follow- ing steps: a) - providing an indexed database (6) containing data of at least parts of at least one existing control-diagram (8) with function-blocks (10) and function block-connections (12); b) - displaying a diagram-entry-field (14) on a graphical-device (16) for specifying the control-diagram (1) by defining the at least one function-block (2) and /or the function block-connection (4) via user input (5) and receiving the user input thereof; c) - comparing, responsive to the receiving, at least the recently received user input with the data of the indexed database (6) to identify at least one similar part of the at least one control-diagram (18); d) - displaying an assisting-menu (24) on the graphical-device (16) with the at least one similar part of the at least one control-diagram (18); e) - receiving an acceptance or rejection of the at least one similar part of the at least one control-diagram (18) via user input (5); f) - inserting in case of acceptance the at least one similar part of the at least one control-diagram (18) from the indexed database (6) in the diagram-entry-field (14) by the computer-program; g) - translating the completed control-diagram (1) in the control-code by the comput- er-program.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.472/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 23/01/2015

(54) Title of the invention: PRODUCT DOSING SYSTEM FOR AGRICULTURAL MACHINES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:P201331099 :19/07/2013	(71)Name of Applicant: 1)FERRUZ PEREZ, JOSÉ LUIS Address of Applicant: CARRETERA CASTELLÓN, KM. 226.9 POLÍGONO INDUSTRIAL PRIDES 50720 CARTUJA BAJA (ZARAGOZA) SPAIN
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RUIZ GARCÍA, FERNANDO
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Product dosing system for agricultural machines, being of special utility in fertilizing machines such that the simple salts carrying nutrients, that is to say, nitrogen, potassium and phosphorus, can be arranged in granulated form in respective deposit hoppers 3, 3 and 3 aligned in the advance direction of the fertilizing machine to directly pour the simple fertilizer to the ground to be fertilized, as well as having an endless axle 8 for regulating the simple fertilizer for its conduction towards collection and pouring dosing means, thus, having an endless axle for regulating the doses of simple fertilizer in granulated form and dosing means for each of the hoppers, allowing the regulation and measurement speed to depend on the advance speed of the machine, the machine having to that end rolling means 4, through which the movement is transmitted to the regulating endless axles and to the axles of the collection and pouring dosing machines.

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

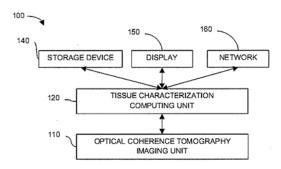
(22) Date of filing of Application: 17/07/2013 (43) Publication Date: 23/01/2015

(54) Title of the invention : A METHOD AND A SYSTEM FOR CHARASTERIZING TISSUES IN OPTICAL COHERENCE TOMOGRAPHY

(51) International classification :A61B6. (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR Address of Applicant: INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR 721302, DIST - MIDNAPORE, STATE OF WEST BENGAL, INDIA (72)Name of Inventor: 1)SHEET, DEBDOOT 2)CHAUDHUARY, AMRITA 3)RAY, AJOY, KUMAR 4)CHATTERJEE, JYOTIRMOY 5)KATOUZIAN, AMIN
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(57) Abstract:

The present invention provides a system and a method for tissue characterization based on Optical Coherence Tomography (OCT) imaging. The system comprising: an imaging unit for optical OCT imaging to provide an image of tissue sample, a computing unit connected to the imaging unit for receiving the image of tissue sample for characterizing the tissues, a storage unit for storing the data received from the computing unit, a display unit for displaying output from the computing unit, a network unit for transmitting the output received from the computing unit and interacting with other unit(s) of the system therefore the computing unit facilitate tissue specific imaging and reducing visual cluttering due to photon scattering by unspecific tissue.



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

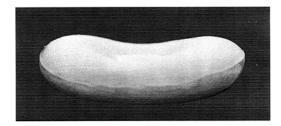
(22) Date of filing of Application :18/07/2013 (43) Publication Date : 23/01/2015

(54) Title of the invention: A NOVEL EYE PAD FOR DRESSING OF EYE AND A METHOD FOR PREPARATION THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country	13/00 :NA :NA	(71)Name of Applicant: 1)GHANSHAM DAS AGARWAL Address of Applicant: INDIAN NATIONAL OF MODERN SERGICAL, 101A, CHITTARANJAN AVENUE, KOLKATA-
(33) Name of priority country(86) International Application NoFiling Date	:NA :NA :NA	73. West Bengal India (72)Name of Inventor: 1)GHANSHAM DAS AGARWAL
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to an novel eye pad for dressing of eye comprising of atleast one layer of soft material provided between atleast two layers of fabric, wherein said eye pad having a concave shape is in conformity with the shape of eye. The soft material is having cushioning effect. The eye pad can be prepared by stitching. Alternatively, it can be prepared by application of heat and pressure or ultrasonic energy and pressure.



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

AMENDMENT Under Section 44.

In consequence of deceased patentee Ms. ALTHEA WOLSEY and in pursuance of the Probate dated 27th July, 2007 registered in the court of law duly certified by Notary Public in India, the name of the patentees have been amended to 1) CHRISTOPHER GARNET WOLSEY of Lammas Farm, Wolfscastle, Haverfordwest SA62 5DY, Pembrokeshire, United Kingdom 2) KAREN JANE CORCORAN of 11 St. Anthony's Way, Haverfordwest SA61 1EL, Pembrokeshire, United Kingdom 3) HELEN LOUISE WOLSEY of 2 Wimmerfield Avenue, Killay, Swansea SA2 7BT, United Kingdom & 4) ANTHONY PHILIP WOLSEY of 25 Swansea Road, Pontlliw, Swansea SA4 9EE, United Kingdom, as applied under Section 44 of the Patents Act, 1970 in respect of Patent No.194756.

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 Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form -14 under rule 85 of the Patents (Amendment) Rules, 2006.

Sr. No.	Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
01	196461	Mukund Digambar Moholkar	Multiblade Horizontal Pulveriser For Continuous Pulverisation	25/01/2012	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)	Approp riate Office
1	264687	338/DELNP/2006	04/08/2004	06/08/2003	METHOD AND APPARATUS FOR FILLING A CONTAINER	PFIZER LIMITED	17/08/2007	DELHI
2	264689	5226/DELNP/2007	22/11/2005	06/12/2004	OMEGA-3 FATTY ACIDS AND DYSLIPIDEMIC AGENYT FOR LIPID THERAPY	RELIANT PHARMACEUTICALS, INC.,	17/08/2007	DELHI
3	264690	7312/DELNP/2006	08/06/2005	08/06/2004	PHARMACEUTICAL COMPOSITIONS	VERTEX PHARMACEUTICALS INC.,	27/04/2007	DELHI
4	264691	649/DEL/2007	23/03/2007 16:30:33		A PROCESS FOR PREPARATION OF NEW DIAZONAPHTHOQUINONE SULFONIC ACID BISPHENOL DERIVATIVES AND THEIR USE IN PHOTO LITHOGRAPHIC SUB MICRON PATTERNING	SCIENTIFIC AND INDUSTRIAL	10/02/2012	DELHI
5	264694	4738/DELNP/2006	20/01/2005	22/01/2004	A TRANSIT MIXER FOR FLOWABLE MEDIA, IN PARTICULAR CONCRETE	STETTER GMBH	24/08/2007	DELHI
6	264696	1112/DELNP/2007	12/08/2005	16/08/2004	VLA-4 ANTAGONISTS	MERCK SHARP & DOHME CORP.	27/04/2007	DELHI
7	264698	7739/DELNP/2006	24/06/2005	24/06/2004	INNER LINER OF PNEUMATIC TIRE	KOLON INDUSTRIES INC.	17/08/2007	DELHI
8	264699	7175/DELNP/2007	08/03/2006	24/03/2005	PROCESS AND APPARATUS FOR TREATING FLUE GAS FROM SINTERING PLANTS	SIEMENS VAI METALS TEVHNOLOGIES GMBH & CO.	26/10/2007	DELHI
9	264700	4792/DELNP/2009	01/02/2008	09/02/2007	WATER-BASED AMINO RESIN AND WATER- BASED THERMOSETTING RESIN COMPOSITION CONTAINING THE SAME	MITSUI CHEMICALS, INC.	05/03/2010	DELHI
10		655/DELNP/2004	04/09/2002	14/09/2001	A CONTAINER FOR ROLLER-APPLIED COATING COMPOSITIONS AND ITS USE IN COATING PROCEDURES FOR ROUGH SURFACES	AKZO NOBEL COATINGS INTERNATIONAL B.V.	30/10/2009	DELHI
11	264702	4984/DELNP/2006	11/03/2005	18/03/2004	SCANNING AN OBJECT	RENISHAW PLC.	13/07/2007	DELHI

12	264703	5291/DELNP/2007	05/01/2006	12/01/2005	METHODS FOR PRETREATMENT OF RINSABLE METAL COATING AND COMPOSITION FOR THE SAME	GENERAL ELECTRIC COMPANY	31/08/2007	DELHI
13	264704	3521/DELNP/2010	11/12/2008	14/12/2007	ADDITIVE COMPOSITION FOR EP GREASES WITH EXCELLENT ANTIWEAR AND CORROSION PROPERTIES	VANDERBILT CHEMICALS, LLC.	27/04/2012	DELHI
14	264708	7533/DELNP/2007	20/03/2006	21/03/2005	PROCESS FOR ENERGY RECOVERY DURING THE PRODUCTION OF AROMATIC CARBOXYLIC ACIDS AND APPARATUS FOR EFFICIENT RECOVERY OF ENERGY	BP CORPORATION NORTH AMERICA INC.	09/11/2007	DELHI
15	264709	2499/DEL/2005	15/09/2005		PH SENSITIVE NANOPARTICAL FORMULATION FOR ORAL DELIVERY OF PEPTIDES/PROTEINS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	02/10/2009	DELHI
16	264711	1985/DELNP/2006	26/10/2004	31/10/2003	NON WOVEN PRODUCTION MACHINE COMPRISING A SPUN- BOND TOWER	RIETER PERFOJET	15/06/2007	DELHI
17	264712	6175/DELNP/2009	03/04/2008	04/04/2007	QUINOLINES AND THEIR THERAPEUTIC USE	PULMAGEN THERAPEUTICS (ASTHMA) LIMITED.,	02/07/2010	DELHI
18	264713	6551/DELNP/2007	10/02/2006	21/03/2005	'PIPE TENSIONER MACHINE'	DIEHL, OTTMAR	14/09/2007	DELHI
19	264714	696/DELNP/2004	21/10/2002	13/11/2001	A WOVEN FABRIC COMPRISING WARP FIBERS AND A WEFT	INVISTA TECHNOLOGIES S.AR.L.	30/10/2009	DELHI
20	264715	1215/DEL/2004	30/06/2004		PROCESS FOR PREPARATION OF S-(-)- BETAXOLOL HYDROCHLORIDE	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	23/06/2006	DELHI
21	264716	6295/DELNP/2008	30/01/2007	30/01/2006	PROCESS OF MAKING COLD-WATER DISPERSIBLE CELLULOSE ETHERS AND USERS THEREOF	HERCULES INCORPORATED	24/10/2008	DELHI
22	264717	4398/DELNP/2008	14/11/2006	15/11/2005	OXAZOLE COMPOUND AND PHARMACEUTICAL COMPOSITION	OTSUKA PHARMACEUTICAL CO.,LTD.	15/08/2008	DELHI
23	264718	6315/DELNP/2006	24/05/2005	28/05/2004	PHARMACEUTICAL COMPOSITION	JANSSEN PHARMACEUTICA N.V.	31/08/2007	DELHI
24	264719	957/DELNP/2006	15/07/2004	23/07/2003	METHOD OF PREPARING A CONTROLLED RELEASE MICROPARTICLE COMPOSITIONS	PR PHARMACEUTICALS, INC.	17/08/2007	DELHI

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25	264720	728/DEL/2010	26/03/2010	31/03/2009	PROCESS FOR THE SYNTHESIS OF THE COMPOUND OF FORMULA (VII)	LES LABORATOIRES SERVIER,	08/06/2012	DELHI
26	264721	9107/DELNP/2007	01/06/2006	07/06/2005	POLYURETHANE BASED PIGMENT DISPERSANTS WHICH CONTAIN REACTIVE DOUBLE BONDS	LUBRIZOL ADVANCED MATERIALS, INC.,	04/01/2008	DELHI
27	264722	6627/DELNP/2007	25/11/2005	15/02/2005	WOUND TREATMENT DEVICE	FLEISCHMANN WILHELM	21/09/2007	DELHI
28	264723	2409/DELNP/2007	12/02/2004	12/02/2003	A DISPOSABLE ABSORBENT DIAPER	THE PROCTER & GAMBLE COMPANY	03/08/2007	DELHI
29	264728	8107/DELNP/2007	11/04/2006	11/04/2005	VALVE ACTUATION SYSTEM WITH VALVE SEATING CONTROL	JACOBS VEHICLE SYSTEMS INC.	04/07/2008	DELHI
30	264731	2926/DELNP/2006	22/10/2003	22/10/2003	A PROTECTIVE WIRE NET AND A PROTECTIVE STRUCTURE CONSTRUCTED WITH THE NET	OFFICINE MACCAFERRI S.p.A.	03/08/2007	DELHI
31	264734	2119/DELNP/2004	17/12/2002	12/02/2002	FLEXIBLE THIN PRINTED BATTERY AND DEVICE AND METHOD OF MANUFACTURING SAME	EVEREADY BATTERY COMPANY, INC.	02/04/2010	DELHI
32	264738	4679/DELNP/2007	21/12/2005	21/12/2004	PIPERIDINE COMPOUNDS AND ITS PHARMACEUTICAL COMPOSITION	MERCK SHARP & DOHME LIMITED	17/08/2007	DELHI
33	264739	7621/DELNP/2007	08/03/2006	14/04/2005	A METHOD OF COATING AN OPTICAL ARTICLE AND AN APPARATUS THEREOF	TRANSITIONS OPTICAL,INC.	09/11/2007	DELHI
34	264741	1416/DEL/2007	03/07/2007 12:41:52		UV CURABLE METHACRYLATE SILICA BASED NANOCOMPOSITE SOL USEFUL FOR ANTI SCRATCH COATINGS AND A PROCESS THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	06/02/2009	DELHI
35	264742	3922/DELNP/2008	07/02/2006	10/10/2005	HIGH-SOLID UV-CURABLE COATING COMPOSITION	AKZO NOBEL INDUSTRIAL COATING KOREA LTD.	11/07/2008	DELHI
36	264743	3426/DELNP/2004	26/03/2003	05/11/2002	A SIDE-BY-SIDE OR ECCENTRIC SHEATH- CORE BICOMPONENT FIBER AND PROCESS FOR PREPARING THE SAME	E.I. DU PONT DE NEMOURS AND COMPANY	09/10/2009	DELHI
37	264744	1611/DELNP/2006	19/04/2004	17/10/2003	AN AUTOMATED BANKING MACHINE APPARATUS	DIEBOLD INCORPORATED	10/08/2007	DELHI
38	264745	5895/DELNP/2006	10/03/2005	10/03/2004	A METHOD FOR INBOUND ROAMER MULTIMEDIA MESSAGING	ROAMWARE, INC.	15/06/2007	DELHI
39	264746	3044/DELNP/2007	27/10/2005	29/10/2004	PROCESSES FOR PREPARING GLATIRAMER.	SANDOZ AG,	31/08/2007	DELHI

40	264747	5398/DELNP/2006	06/04/2005	07/04/2004	QUINOLINONE- CARBOXAMIDE COMPOUNDS AS 5-HT4 RECEPTOR AGONISTS	THERAVANCE BIOPHARMA R & D IP, LLP	03/08/2007	DELHI
41	264749	4976/DELNP/2006	23/03/2005	30/03/2006	PROCESS FOR PRINTING SUCCESSIVE SHEET OF DOCUMENTS AND PRINTING MACHINE FOR THE SAME	KBA-NotaSys SA	05/10/2007	DELHI
42	264753	6396/DELNP/2007	14/03/2006	18/03/2005	A METHOD AND AN APPARATUS FOR ROUTING TRAFFIC OVER A UNIDIRECTIONAL LINK OF A COMPUTER NETWORK CONFIGURED TO IMPLEMENT A ROUTING PROTOCOL	CISCO TECHNOLOGY, INC.	31/08/2007	DELHI
43	264754	4866/DELNP/2006	09/03/2005	24/03/2004	SYSTEM AND METHOD FOR SELECTIVELY READING RFID DEVICES	AVERY DENNISON CORPORATION	10/08/2007	DELHI
44	264756	4934/DELNP/2006	09/11/2004	17/03/2004	A METHOD FOR ERROR CONTROL IN AN AD HOC NETWORK	SONY ERICSSON MOBILE COMMUNICATIONS AB	17/08/2007	DELHI
45	264757	2921/DELNP/2006	12/01/2004	24/11/2003	SYSTEM AND METHOD FOR FAILOVER	TSX INC.	20/04/2007	DELHI
46	264765	9888/DELNP/2007	29/06/2006	30/06/2005	DEVICE FOR QUANTITATIVE ANALYSIS OF A METABOLITE PROFILE	BIOCRATES LIFE SCIENCES AG	20/06/2008	DELHI
47	264767	7984/DELNP/2008	27/03/2007	12/04/2006	PROCESS FOR THE PREPARATION OF CARBOXYLIC ACIDS AND/OR DERIVATIVES THEREOF	BP CHEMICALS LIMITED	29/05/2009	DELHI
48	264768	6490/DELNP/2008	30/01/2007	31/01/2006	META-TYPE WHOLLY AROMATIC POLYAMIDE FIBER HAVING EXCELLENT HIGH- TEMPERATURE PROCESSABILITY AND METHOD FOR PRODUCTION THEREOF	TEIJIN TECHNO PRODUCTS LIMITED	24/10/2008	DELHI
49	264770	9720/DELNP/2008	24/04/2007	26/04/2006	THIENO[3,2-D] PYRIMIDINE DERIVATIVE USEFUL AS P13K INHIBITOR	F. HOFFMANN-LA ROCHE AG	27/03/2009	DELHI
50	264772	558/DELNP/2008	26/07/2006	30/07/2005	HYDROCHLORIDES AND HYDRATES OF 1-[(3-CYANO-PYRIDIN-2-YL)METHYL]-3- METHYL-7-(2-BUTYN-1-YL)-8-(3-AMINO-PIPERIDIN-1-YL)XANTHINE, THEIR PREPARATION AND THEIR USE AS MEDICAMENTS	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	11/07/2008	DELHI

51	264773	7098/DELNP/2009	17/06/2008	27/06/2007	HIGH SHEAR PROCESS FOR CYCLOHEXANE PRODUCTION	H R D CORPORATION	25/06/2010	DELHI
52	264775	727/DEL/2010	26/03/2010 12:03:42	31/03/2009	NEW PROCESS FOR THE SYNTHESIS OF IVABRADINE AND ADDITION SALTS THEREOF WITH A PHARMACEUTICALLY ACCEPTABLE ACID	LES LABORATOIRES SERVIER,	08/06/2012	DELHI
53	264776	3876/DELNP/2008	01/11/2006	02/11/2005	METHOD FOR SUB-CHANNEL ASSIGNMENT IN A RELAY NODE	NOKIA CORPORATION	15/08/2008	DELHI
54	264777	2823/DELNP/2004	25/03/2003	26/03/2002	POWERED TOOTHBRUSH WITH ROTATING SECTIONS	COLGATE-PALMOLIVE COMPANY	09/10/2009	DELHI
55	264779	421/DEL/2004	11/03/2004		A CAPILLARY VISCOMETER DEVICE TO DETERMINE THE FLOW CHARATERISATICS OF FLUIDS	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	22/09/2006	DELHI
56	264781	5693/DELNP/2007	06/02/2006	15/02/2005	A METHOD FOR TRANSMITTING DATA FROM A SEND DEVICE TO VARIOUS SUBSCRIBER STATIONS IN A UNIVERSAL MOBILE TELECOMMUNICATION SYSTEM	SIEMENS AKTIENGESELLSCHAFT	17/08/2007	DELHI
57	264783	247/DELNP/2008	11/07/2006	11/07/2005	METHOD FOR CONTROLLING THE GRAPHICAL DISPLAY OF A PORTABLE ELECTRONIC DEVICE	NOKIA CORPORATION	27/06/2008	DELHI
58	264784	5376/DELNP/2006	09/03/2004	09/03/2004	CROSS-ENCODING OF INFORMATION IN INDEPENDENT CHANNELS.	THOMSON LICENSING	03/08/2007	DELHI
59	264787	8316/DELNP/2007	28/03/2006	29/04/2005	METHOD OF IMPROVING LEARNING AND MEMORY IN MAMMALS	MJN U.S. HOLDINGS LLC,THE UNIVERSITY OF SYDNEY	11/01/2008	DELHI
60	264788	3068/DELNP/2008	21/09/2006	22/09/2005	PAVING COMPOSITION	EUROVIA,INNOPHOS, INC.	27/06/2008	DELHI
61	264796	7687/DELNP/2007	27/03/2006	07/04/2005	SYNERGISTIC FUNGICIDAL ACTIVE COMPOUND COMBINATIONS	BAYER CROPSCIENCE AKTIENGESSELLSCH AFT	09/11/2007	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	167064	19/BOM/1988	28/01/1988		A BLAST FURNACE	NIPPON KOKAN KABUSHIKI KAISHA	04/09/1988	MUMBAI
2	264695	496/MUM/2008	11/03/2008		NOVEL PROCESS FOR MANUFACTURE OF LOPINAVIR & RITONAVIR TABLETS	MACLEODS PHARMACEUTICALS LIMITED	16/10/2009	MUMBAI
3	264697	301/MUMNP/20 07	15/09/2005	17/09/2004	METHOD FOR MANAGING MEANS FOR ACCESSING CONDITIONAL ACCESS DATA	NAGRAVISION SA	20/07/2007	MUMBAI
4	264705	1121/MUM/2004	20/10/2004		AN IMPROVED PROCESS FOR THE SYNHTESIS OF VALSARTAN OF HIGH ENANTIOMERIC PURITY	LUPIN LIMITED	08/06/2007	MUMBAI
5	264707	1360/MUMNP/2 006	13/05/2005	14/05/2004	APPARATUSES AND METHODS FOR CODING AND DECODING A SIGNAL.	PANASONIC CORPORATION	13/04/2007	MUMBAI
6	264725	1293/MUMNP/2 006	31/03/2005	07/04/2004	SURGICAL THREAD	WU, TZE LIANG WOFFLES	29/06/2007	MUMBAI
7	264750	1293/MUMNP/2 008	04/06/2002	05/06/2001	A DISPOSABLE FLUID CIRCUIT	BAXTER INTERNATIONAL INC.	10/10/2008	MUMBAI
8	264752	1656/MUM/2008	04/08/2008 15:06:08	25/08/2007	SENSORLESS OPERATION OF AN ELECTRONICALLY COMMUTATED DIRECT CURRENT MACHINE	OERLIKON TEXTILE GMBH & CO. KG	12/06/2009	MUMBAI
9	264762	1890/MUMNP/2 007	23/05/2006	24/05/2005	PELVIC CLAMP	SYNTHES GMBH	07/12/2007	MUMBAI
10	264763	2536/MUM/2008	04/12/2008		SEAT RECLINER ASSEMBLY	HEMA ENGINEERING INDUSTRIES LIMITED	30/01/2009	MUMBAI
11	264766	1195/MUMNP/2 010	05/12/2008	05/12/2007	EFFICIENT BASE DETERMINATION IN SEQUENCING REACTIONS	COMPLETE GENOMICS, INC.	01/10/2010	MUMBAI
12	264769	1315/MUMNP/2 009	31/12/2007	08/01/2007	IMMOBILIZED INTERFACIAL ENZYMES OF IMPROVED AND STABILIZED ACTIVITY AND PROCESS FOR PREPARING THE SAME	TRANS BIODIESEL LTD.	05/03/2010	MUMBAI
13	264774	292/MUMNP/2007	19/08/2005	26/08/2004	NITRIDE SEMICONDUCTOR LIGHT EMITTING DEVICE AND FABRICATION METHOD THEREOF	LG INNOTEK CO., LTD	12/10/2007	MUMBAI

14	264778	1330/MUMNP/2 008	09/01/2007	10/01/2006	METAL CROP REMOVER AND CROP REMOVING METHOD	MITSUBISHI-HITACHI METALS MACHINERY, INC.,POSCO	17/10/2008	MUMBAI
15	264780	1439/MUMNP/2 008	20/12/2006	22/12/2005	METHODS AND APPARATUS RELATED TO SELECTING A REPORTING ALTERNATIVE IN A REQUEST REPORT	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
16	264789	386/MUMNP/20 07	21/09/2005	24/09/2004	ROOF RACK SYSTEM FOR A MOTOR VEHICLE	HANS UND OTTMAR BINDER GMBH OBERFLACHENVERED ELUNG	20/07/2007	MUMBAI
17	264797	316/MUMNP/20 07	15/07/2005	05/08/2004	METHOD AND DEVICE FOR REVERSING THE HOOK POSITION OF FIBERS IN A COMBING MACHINE	MASCHINENF ABRIK RIETER AG	17/08/2007	MUMBAI
18	264799	609/MUMNP/20 11	30/09/2009	15/10/2008	METHOD FOR PRODUCING SPIROCYCLIC TETRONIC ACID DERIVATIVES	JIANGSU SEVENCONTINENT GREEN CHEMICAL CO.,LTD.	02/12/2011	MUMBAI

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1	264710	2631/CHENP/2007	17/11/2005	18/11/2004	VERTICAL AXIS TURBINE APPARATUS	WIND POWER LIMITED	07/09/2007	CHENNAI
2	264724	4230/CHENP/2006	12/05/2005	17/05/2004	FLUORESCENT CERAMIC AND FABRICATION METHOD THEREOF	KONINKLIJKE PHILIPS ELECTRONICS N.V.	15/06/2007	CHENNAI
3	264726	5282/CHENP/2008	13/04/2007	13/04/2006	A METHOD OF PHASE CORRECTION AT A WIRELESS DEVICE AND AN APPARATUS THEREOF	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
4	264729	6332/CHENP/2008	14/06/2007	20/06/2006	A METHOD OF IDENTIFYING AN ADDRESS OF A NEIGHBORING NODE AND APPARATUS THEREOF	QUALCOMM INCORPORATED	27/03/2009	CHENNAI
5	264730	5381/CHENP/2008	30/03/2007	31/03/2006	SYSTEM AND METHOD OF WIRELESS APPLICATION PROTOCOL-BASED INSTANT MESSAGING	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	20/03/2009	CHENNAI
6	264733	5633/CHENP/2008	16/03/2007	20/03/2006	BENIGN PROSTATIC HYPERPLASIA TREATMENT DEVICE	BIOLITEC PHARMA MARKETING LTD	20/03/2009	CHENNAI
7	264735	2680/CHE/2008	04/11/2008	12/11/2007	A METHOD AND DEVICE OF LAUNCHING AN APPLICATION USING TOUCHSCREEN OF A MOBILE ELECTRONIC DEVICE	RESEARCH IN MOTION LIMITED.	21/08/2009	CHENNAI
8	264736	4006/CHENP/2008	20/02/2007	21/02/2006	A METHOD OF SENDING AND RECEIVING FEEDBACK IN A RADIO NETWORK AND AN ACCESS TERMINAL AND A BASE TRANSCEIVER STATION THEREOF	QUALCOMM INCORPORATED	13/03/2009	CHENNAI
9	264737	6074/CHENP/2008	27/04/2007	09/05/2006	DETECTION OF TARGET MOLECULES IN A SAMPLE	KONINKLIJKE PHILIPS ELECTRONICS N.V	27/03/2009	CHENNAI

10	264740	500/CHENP/2008	17/10/2006	17/10/2005	DOUBLE-HEADED PISTON TYPE COMPRESSOR	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	19/09/2008	CHENNAI
11	264751	2525/CHENP/2007	15/12/2005	20/12/2004	DEVICE FOR LIMITING THE ULTIMATE CONSEQUENCES OF A FAILURE TO BRING UNDER CONTROL A MASS FIRE IN A STORAGE BIN FOR HAZARDOUS MATERIALS	COMMISSARIAT A l'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES.	07/09/2007	CHENNAI
12	264755	6869/CHENP/2008	15/05/2006	15/05/2006	METHOD FOR CONTROLLING A TABLET PRESS AND SUCH A PRESS	COURTOY NV	27/03/2009	CHENNAI
13	264758	508/CHENP/2008	21/06/2006	30/06/2005	DIAPHRAGM LATCH VALVE	VICTAULIC COMPANY	19/09/2008	CHENNAI
14	264759	2231/CHENP/2007	27/10/2005	23/11/2004	PROCESS AND APPARATUS FOR THE HORIZONTAL PRODUCTION OF TAMPED COAL CAKE	UHDE GMBH	07/09/2007	CHENNAI
15	264760	6356/CHENP/2008	23/05/2007	09/06/2006	SPRING STEEL AND A SPRING OBTAINED BY USING THE SAME	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	27/03/2009	CHENNAI
16	264761	4365/CHENP/2007	31/03/2006	04/04/2005	METHODS FOR MAKING CIRCULAR KNIT, ELASTIC FABRICS AND CIRCULAR KNIT, ELASTIC FABRICS THEREOF	INVISTA TECHNOLOGIES S.A.R.L	25/01/2008	CHENNAI
17	264785	508/CHENP/2007	04/08/2005	05/08/2004	FLEXRAY COMMUNICATION CONTROLLER	ROBERT BOSCH GMBH	24/08/2007	CHENNAI
18	264790	5889/CHENP/2007	22/05/2006	22/06/2005	SCAFFOLD STEPS	PERI GMBH	13/06/2008	CHENNAI

Seri al Nu mbe r	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	264686	1477/KOLNP/2008	24/11/2006	26/11/2005	A COMBUSTION APPARATUS	SIEMENS AKTIENGESELLSCHA FT	02/01/2009	KOLKATA
2	264688	2430/KOLNP/2007	28/11/2005	16/12/2004	PROCESS AND INTERMEDIATE COMPOUNDS USEFUL IN THE PREPARATION OF STATINS	REDX PHARMA LIMITED	24/08/2007	KOLKATA
3	264692	1029/KOL/2006	05/10/2006	10/10/2005	SPINDLE DRIVE FOR DIAGNOSTIC OR THERAPEUTIC DEVICE	SIEMENS AKTIENGESELLSCHA FT	29/06/2007	KOLKATA
4	264693	277/KOLNP/2008	20/07/2006	21/07/2005	PROCESS FOR THE SYNTHESIS OF SULFONYL HALIDES AND SULFONAMIDES FROM SULFONIC ACID SALTS	ZIARCO INC.	19/09/2008	KOLKATA
5	264706	1002/KOL/2007	16/07/2007 16:19:21		CURRENT- REGULATED LIGHT EMITTING DEVICE FOR VEHICLE USE	QUAN MEI TECHNOLOGY CO., LTD.,	03/04/2009	KOLKATA
6	264727	3759/KOLNP/2007	07/04/2005	07/04/2005	OPTICAL RECORDING MEDIUM	MITSUBISHI KAGAKU MEDIA CO., LTD	23/05/2008	KOLKATA
7	264732	1104/KOL/2007	10/08/2007		TRANSPARENT CLEANSING COMPOSITION	ITC LIMITED	10/04/2009	KOLKATA
8	264748	4220/KOLNP/2007	10/04/2006	11/04/2005	LAYERED STRUCTURE WITH PRINTED ELEMENTS	AVESO, INC.	06/06/2008	KOLKATA
9	264764	2942/KOLNP/2008	01/02/2007	06/02/2006	METHOD AND TERMINAL FOR RESTRICTION OF DOMAIN TRANSFER	LG ELECTRONICS INC.	06/02/2009	KOLKATA
10	264771	1708/KOLNP/2007	13/12/2005	30/12/2004	INTER-NETWORK HANDOVER IN A PACKET RADIO SYSTEM	MOTOROLA MOBILITY, INC.	27/07/2007	KOLKATA
11	264782	779/KOLNP/2006	01/10/2004	03/10/2003	ARYLALKYLCARBAMATE DERIVATIVES AND PROCESSES FOR PREPARATION THEREOF	SANOFI AVENTIS	03/04/2009	KOLKATA
12	264786	648/KOL/2006	30/06/2006	30/08/2002	A METHOD OF PROCESSING MARINE SEISMIC DATA TO REDUCE SPECTRAL NOTCHES	PGS AMERICAS, INC.	29/06/2007	KOLKATA

13	264791	4290/KOLNP/2008	22/05/2007	22/05/2006	HYDROGEN- PROCESSING ASSEMBLIES AND HYDROGEN- PRODUCING SYSTEMS AND FUEL CELL SYSTEMS INCLUDING THE SAME	IDATECH, LLC	06/03/2009	KOLKATA
14	264792	834/KOL/2008	07/05/2008	26/06/2007	A METHOD FOR REDUCING ASH ACCUMULATION IN AN ELECTRICALLY HEATED PARTICULATE MATTER FILTER DISPOSED IN AN EXHAUST SYSTEM OF AN ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS INC.	24/04/2009	KOLKATA
15	264793	326/KOL/2006	12/04/2006	19/04/2005	FOLDING CLOSURE FOR CARGO CONTAINERS	MECADETOL, S.A.	22/06/2007	KOLKATA
16	264794	791/KOLNP/2008	03/04/2007	03/04/2006	FRYER WITH MEANS TO PREVENT DEGRADATION OF THE COOKING WELL AND HAVING A DEVICE FOR DISCHARGING IMPURITIES COLLECTED IN THE FILTERING WATER TANK	MERMAID CO., LTD.	21/11/2008	KOLKATA
17	264795	2613/KOLNP/2007	22/12/2004	22/12/2004	AN ARRANGEMENT RELATING TO ANTENNA COMMUNICATION	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	31/08/2007	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of PULK PTE. LTD. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
244773	14-02	RIGHTS CO. LTD, A COMPANY INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT 5-2, KAMIYAMA-CHO, SHIBUYA-KU, TOKYO, 150-0047, JAPAN

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

(01)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 19/1/2015 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registration of registered Design No. 200013 dated 20th June 2005 under Class 12-16 titled as "Side Console of a Backhoe Loader" in the name of JCB India Limited, an Indian company having its registered office at B-1/1-1, 2nd Floor, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi, India and works at 23/7, Mathura Road, Ballabgarh, Haryana, India."

(02)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 19/1/2015 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registered Design No. 200014 dated 20th June 2005 under Class 12-16 titled as "Front Console of a Backhoe Loader" in the name of JCB India Limited, an Indian company having its registered office at B-1/1-1, 2nd Floor, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi, India and works at 23/7, Mathura Road, Ballabgarh, Haryana, India."

(03)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 19/1/2015 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registration of registered Design No. 200016 dated 20th June 2005 under Class 12-16 titled as "Stabilizer Leg of a Backhoe Loader" in the name of JCB India Limited, an Indian company having its registered office at B-1/1-1, 2nd Floor, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi, India and works at 23/7, Mathura Road, Ballabgarh, Haryana, India."

(04)

"The Ld. Asstt. Controller of Patents & Designs passed an order on 19/1/2015 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registration of registered Design No. 200017 dated 20th June 2005 under Class 12-16 titled as "Dipper of a Backhoe Loader" in the name of JCB India Limited, an Indian company having its registered office at B-1/1-1, 2nd Floor, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi, India and works at 23/7, Mathura Road, Ballabgarh, Haryana, India."

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	222823	15.01.2015
2.	196624	14.01.2015
3.	217004	15.01.2015
4.	222686	15.01.2015
5.	226472	15.01.2015
6.	226470	15.01.2015
7.	221976	15.01.2015
8.	222637	15.01.2015
9.	241777	15.01.2015
10.	222511	15.01.2015
11.	198841	14.01.2015
12.	226471	15.01.2015
13.	241776	15.01.2015
14.	226469	15.01.2015
15.	226225	15.01.2015
16.	241775	15.01.2015
17.	226536	16.01.2015
18.	234948	16.01.2015
19.	241579	16.01.2015
20.	226031	16.01.2015
21.	195385	02.01.2015
22.	195684	02.01.2015

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

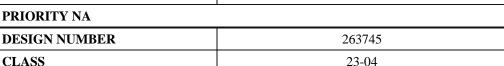
DESIGN NUMBER	SIGN NUMBER 260389	
CLASS 26-05		
INDIAN COMPANIES ACT),	(A COMPANY INCORPORATED UNDER ATIVALI ROAD, VASAI (EAST)-401208, (INDIA)	
DATE OF REGISTRATION	17/02/2014	
TITLE	LAMP	
PRIORITY NA		
DESIGN NUMBER	261842	
CLASS	09-07	
CONCERN DURING REGISTERED HAVING ADDRESS AT	MULTIPLAST BEING A PARTNERSHIP UNDER THE PARTNERSHIP ACT, 1932 3, VILLAGE VELA BATHRI, TAHASIL HAROLI, PRADESH	A
DATE OF REGISTRATION 17/04/2014		
TITLE BOTTLE CAP		
PRIORITY NA		
DESIGN NUMBER	260781	
CLASS		
1)ENDICO POWER TOOLS, AN IN 1276/1, ST NO. 3, SHIMLAPURI, L	NDIAN COMPANY, OF UDHIANA-141003, PUNJAB, INDIA	
DATE OF REGISTRATION		
TITLE BASE PLATE OF ROUTER MACHINES		
PRIORITY NA		

DESIGN NUMBER	257637	
CLASS	07-02	

1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86,

PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382 213. GUJARAT-INDIA

DATE OF REGISTRATION	22/10/2013	
TITLE	KITCHEN STORAGE CONTAINER	
PRIORITY NA		



1)SYMPHONY LIMITED (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING HIS PLACE OF BUSINESS AT

''SAUMYA'', BAKERI CIRCLE, NAVRANGPURA, AHMEDABAD-380014 (GUJARAT) INDIA

DATE OF REGISTRATION	27/06/2014	
TITLE	AIR COOLER	



PRIORITY NA

DESIGN NUMBER		257641	
CLASS		07-02	

1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86,

PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA

DATE OF REGISTRATION	22/10/2013	
TITLE	KITCHEN STORAGE CONTAINER	
PRIORITY NA		



DESIGN NUMBER	263233	
ASS 12-15		
1)M/S. JK TYRE & INDUSTRIES 7, COUNCIL HOUSE STREET, KO	LIMITED, OF DLKATA-700001, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	10/06/2014	THE STATE OF THE S
TITLE	TYRE	
PRIORITY NA		
DESIGN NUMBER	261658	
CLASS		
THE COMPANIES ACT, 1956, HAV	TED, COMPANY INCORPORATED UNDER ING ITS REGISTERED OFFICE AT NNAI-600002, TAMIL NADU, INDIA	0
DATE OF REGISTRATION	OF REGISTRATION 10/04/2014	
TITLE	STRUCTURAL METAL FITTING FOR CLASS PANELS	0
PRIORITY NA		9
DESIGN NUMBER	261378	
CLASS	07-03	
INDIA HAVING ITS PRINCIPAL P		
A-41, SECTOR-80, PHASE-II, NO	<u> </u>	
DATE OF REGISTRATION 31/03/2014		
TITLE	SERVING FORK	

DESIGN NUMBER	258670	
CLASS		
ENTERPRISES, A PROPRIETORSI INDIA WHOSE ADDRESS IS AT	NDIAN NATIONAL TRADING AS VESHNO IIP FIRM EXISTING AS PER THE LAWS OF E EXCHANGE BACK TO G.R. PLAZA	
DATE OF REGISTRATION	11/12/2013	
TITLE	FLOWER VASE	
PRIORITY NA		
DESIGN NUMBER	259407	
CLASS	24-03	
1)RATHI RITESH ARJUNKUMAR 16, BROOKLANDS WAY REDHII		6.00
DATE OF REGISTRATION	000	
TITLE COLUMN PLATE FOR ORTHOPEDICS		
PRIORITY NA		
DESIGN NUMBER	257640	
CLASS	07-02	
1)(1). DHAVAL H. PATEL, (2). BH VARMORA AND (4). KALPESH A. I DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NR CHANGODAR-AHMEDABAD HIGH 213. GUJARAT-INDIA	TO	
DATE OF REGISTRATION 22/10/2013		
TITLE		
PRIORITY NA		

DESIGN NUMBER		262084	
CLASS	26-03		
1)ENEL SOLE S.R.L., AN ITALIAN VIALE TOR DI QUINTO 45-47- 00			
DATE OF REGISTRATION	28	8/04/2014	
TITLE	PUBLIC LIC	GHTING FIXTURES	
PRIORITY			/ 0 //
PRIORITY NUMBER	DATE	COUNTRY	\\
772026501	04/11/2013	WIPO	
DESIGN NUMBER		261488	
CLASS		09-01	
(AN INDIAN PROPRIETORSHIP F DHANWANTRI. AN INDIAN NATION DATE OF REGISTRATION	NAL OF THE ABOVE		
DHANWANTRI. AN INDIAN NATIO	NAL OF THE ABOVE	ADDRESS	
	02/04/2014 BOTTLE		
TITLE			
PRIORITY NA			
DESIGN NUMBER		261657	
CLASS		08-09	
1)DORMA INDIA PRIVATE LIMI THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHEN	ING ITS REGISTER	ED OFFICE AT	
DATE OF REGISTRATION	10/04/2014		
TITLE		TAL FITTING FOR GLASS PANELS	11/1
PRIORITY NA			

DESIGN NUMBER	258666	
CLASS	11-02	

1)VISHAN KUMAR GUPTA AN INDIAN NATIONAL TRADING AS VESHNO ENTERPRISES, A PROPRIETORSHIP FIRM EXISTING AS PER THE LAWS OF INDIA WHOSE ADDRESS IS AT

NAI BASTI BEHIND TELEPHONE EXCHANGE BACK TO G.R. PLAZA FIROZABAD: 283203 (U.P. WEST)

DATE OF REGISTRATION	11/12/2013	
TITLE	FLOWER VASE	

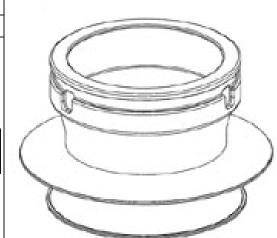


PRIORITY NA

DESIGN NUMBER 257862			
CLASS	24-02		
1)OSTOMYCURE AS, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF NORWAY			

OF GAUSTADALLEEN 21, OSLO 0349, NORWAY

DATE OF REGISTRATION	29/10/2013	
TITLE	OSTOMY IMPLANT	



PRIORITY

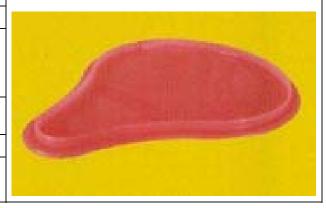
PRIORITY NUMBER	DATE	COUNTRY
735298701	30/04/2013	WIPO

DESIGN NUMBER	262314	
CLASS	07-06	

1) MR. MAHESH S. SHETHIA, SOLE PROPERITOR OF KRUPA INDUSTRIES-AN INDIAN COMPANY,

228-B, BOMBAY TALKIES COMPOUND, MALAD (W), MUMBAI-400064, MAHARASHTRA, INDIA

DATE OF REGISTRATION	05/05/2014	
TITLE	COASTER FOR CUP	



DESIGN NUMBER				
CLASS		25-02		
1)HUNTER DOUGLAS INC., 1 BLUE HILL PLAZA, PEARL RI U.S.A.	VER, NEW YORK 109	65, U.S.A., NATIONALITY:		
DATE OF REGISTRATION	30	0/09/2013		
TITLE		NT FOR ARCHITECTURAL OVERING	A	
PRIORITY			N. A. C.	
PRIORITY NUMBER	DATE	COUNTRY		
29/451,382	01/04/2013	U.S.A.		
DESIGN NUMBER		261662		
CLASS		08-09		
1)DORMA INDIA PRIVATE LIMI THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHEN DATE OF REGISTRATION				
DATE OF REGISTRATION	10/04/2014			
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS			
PRIORITY NA	1			
DESIGN NUMBER 257715				
CLASS		09-07		
1)(1). DHAVAL H. PATEL, (2). BH VARMORA AND (4). KALPESH A. DIRECTORS OF VARMORA PLAS INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NE CHANGODAR-AHMEDABAD HIGH 213. GUJARAT-INDIA				
DATE OF REGISTRATION	24	4/10/2013		
TITLE	CON	TAINER LID		
PRIORITY NA				

DESIGN NUMBER		257863	
CLASS			
1)OSTOMYCURE AS, A CORPO THE LAW OF NORWAY, OF GAUSTADALLEEN 21, OSL	DER		
DATE OF REGISTRATION	2	9/10/2013	
TITLE	OSTO	MY IMPLANT	(CANTAGODO)
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
735298701	30/04/2013	WIPO	
DESIGN NUMBER		262315	
CLASS		07-99	
INDIAN COMPANY, 228-B, BOMBAY TALKIES COM MAHARASHTRA, INDIA			
DATE OF REGISTRATION	0	5/05/2014	
TITLE	TRAY		
PRIORITY NA			
DESIGN NUMBER			
CLASS		15-99	
1)SANDVIK INTELLECTUAL P SE-811 81 SANDVIKEN, SWEDI	and a		
DATE OF REGISTRATION	0	2/04/2014	Maria
TITLE	TELESCOPIC O	CHUTE FOR CRUSHER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001389217	11/11/2013	OHIM	

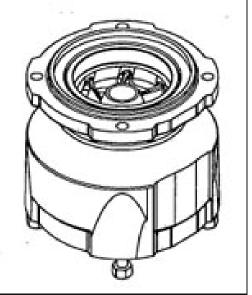
DESIGN NUMBER		261669		
CLASS	CLASS 08-09			
1)DORMA INDIA PRIVATE LIM THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHE	Carron .			
DATE OF REGISTRATION	10	0/04/2014		
TITLE		TAL FITTING FOR GLASS PANELS		
PRIORITY NA				
DESIGN NUMBER		261382		
CLASS		07-06		
1)MA DESIGN INDIA PRIVATE LIMITED, 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	31	1/03/2014		
TITLE	CAKE SERVER			
PRIORITY NA				
DESIGN NUMBER		258825		
CLASS	14-99			
1)SILVIO PITTERI, AN ITALIAN CITIZEN, WITH DOMICILE AT AVENUE DU MARTIN PECHEUR, 54-1170 BRUSSELS, BELGIUM				
DATE OF REGISTRATION 18/12/2013		1		
TITLE	PORTABLE STAND FOR LAPTOP COMPUTER		// /	
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002259333	20/06/2013 OHIM			

DESIGN NUMBER	259771		
CLASS	15-02		
1)CAPRASI S.P.A., VIA EMILIA OVEST, 900, 41123 MODENA, ITALY, NATIONALITY: ITALY			

DATE OF REGISTRATION	28/01/2014	
TITLE	PUMP UNIT	



IMONIII			
l	PRIORITY NUMBER	DATE	COUNTRY
l	002287706	06/08/2013	OHIM



DESIGN NUMBER	262740
CLASS	15-03
1)SATAKE CODDODATION A LADANESE COMPANY OF	

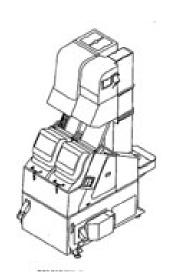
)SATAKE CORPORATION, A JAPANESE COMPANY OF

7-2, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO, 101-0021, JAPAN

DATE OF REGISTRATION 20/05/2014	
TITLE OPTICAL GRAIN SORTE	ER .



PRIORITY NUMBER	DATE	COUNTRY
2013-027411	22/11/2013	JAPAN



DESIGN NUMBER	262602
CLASS	28-03

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN,

WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	15/05/2	2014
TITLE	HAIR DI	RYER
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
002364083-0001	04/12/2013	OHIM



DESIGN NUMBER		262670	
CLASS	12-08		
1)FIAT GROUP AUTOMOBILES OF CORSO GIOVANNI AGNELLI 20	,		NY
DATE OF REGISTRATION	16	5/05/2014	1
TITLE		CAR	
PRIORITY		_	
PRIORITY NUMBER	DATE	COUNTRY	
002348334	19/11/2013	OHIM	
DESIGN NUMBER	:	261368	
CLASS		23-01	
SOLE PROPRIETOR OF M/S. JAY PROPRIETARY CONCERN, HAVI 5/1138, CONTRACTOR KHANCH 395003, GUJARAT STATE, INDIA DATE OF REGISTRATION	NG ADDRESS AT IA, GURJAR FALIYA,	,	
TITLE		COCK	
PRIORITY NA		<u> </u>	
DESIGN NUMBER		259388	
CLASS		02-07	
1)MR. WANG LAP RONNY NG, A ROOM 618, TRANS ASIA CENTI NEW TERRITORIES, HONG KONG	RE, NO. 18 KIN HONG		
DATE OF REGISTRATION	15	//01/2014	
TITLE	ZIPI	FASTENER	
PRIORITY NA			

DESIGN NUMBER	2	64690	
CLASS		12-15	
1)SPEEDWAYS TYRE LIMITEI SUCHI PIND, BYE PASS, G.T. F NATIONAL		.) INDIA, AN INDIAN	
DATE OF REGISTRATION	11/	08/2014	
TITLE	n	ΓYRE	
PRIORITY NA			
DESIGN NUMBER	2	57648	
CLASS	(07-02	
INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA- CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD- 382213. GUJARAT-INDIA			
DATE OF REGISTRATION TITLE		10/2013 RAGE CONTAINER	
PRIORITY NA	KITCHEN STO	RAGE CONTAINER	
DESIGN NUMBER			
		57861	
CLASS		57861 24-02	
	DRATION ORGANIZED	24-02	
CLASS 1)OSTOMYCURE AS, A CORPOTHE LAW OF NORWAY,	DRATION ORGANIZED O 0349, NORWAY	24-02	
CLASS 1)OSTOMYCURE AS, A CORPO THE LAW OF NORWAY, OF GAUSTADALLEEN 21, OSL	DRATION ORGANIZED O 0349, NORWAY 29/	24-02 AND EXISTING UNDER	
CLASS 1)OSTOMYCURE AS, A CORPOTHE LAW OF NORWAY, OF GAUSTADALLEEN 21, OSL DATE OF REGISTRATION TITLE PRIORITY	DRATION ORGANIZED O 0349, NORWAY 29/ OSTOM	24-02 AND EXISTING UNDER 10/2013 Y IMPLANT	
CLASS 1)OSTOMYCURE AS, A CORPOTHE LAW OF NORWAY, OF GAUSTADALLEEN 21, OSL DATE OF REGISTRATION TITLE	DRATION ORGANIZED O 0349, NORWAY 29/	24-02 AND EXISTING UNDER 10/2013	

DESIGN NUMBER		261660	
CLASS		08-09	
1)DORMA INDIA PRIVATE LII THE COMPANIES ACT, 1956, HA NO. 14, PATTULOS ROAD, CH	AVING ITS REGISTERI	ED OFFICE AT	8
DATE OF REGISTRATION	10	0/04/2014	
TITLE		TAL FITTING FOR GLASS PANELS	4
PRIORITY NA			
DESIGN NUMBER		261380	
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	31	1/03/2014	
TITLE	SERV	ING SPOON	
PRIORITY NA			
DESIGN NUMBER		260843	
DESIGN NUMBER CLASS		260843 15-99	17
	PROPERTY AB OF	15-99	
CLASS 1)SANDVIK INTELLECTUAL I	PROPERTY AB OF DEN, A SWEDISH COMP	15-99	
CLASS 1)SANDVIK INTELLECTUAL I SE-811 81 SANDVIKEN, SWED	PROPERTY AB OF DEN, A SWEDISH COMP	15-99 ANY	
CLASS 1)SANDVIK INTELLECTUAL I SE-811 81 SANDVIKEN, SWED DATE OF REGISTRATION	PROPERTY AB OF DEN, A SWEDISH COMP	15-99 PANY 7/03/2014	
CLASS 1)SANDVIK INTELLECTUAL I SE-811 81 SANDVIKEN, SWED DATE OF REGISTRATION TITLE	PROPERTY AB OF DEN, A SWEDISH COMP	15-99 PANY 7/03/2014	

DESIGN NUMBER	257718
CLASS	07-02

1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86,

PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382 213. GUJARAT-INDIA

DATE OF REGISTRATION	24/10/2013
TITLE	CONTAINER LID
DDIODITY NA	



PRIORITY NA

DESIGN NUMBER	260934
CLASS	07-99

1)MUDITA MULL, OF

MULL BUILDINGS, 4, ASHOK MARG, LUCKNOW-226001, INDIA, AN INDIAN CITIZEN

DATE OF REGISTRATION	12/03/2014
TITLE	TRAY



PRIORITY NA

DESIGN NUMBER	261099
CLASS	15-07

1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA, 2275 ADAT BAZAR, AHMEDNAGAR-414001, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	19/03/2014
TITLE	REFRIGERATOR



DESIGN NUMBER	259647	
CLASS	24-02	
STEEL & IRON FABRICATION,	PRIETOR OF M/S GLOBAL INDUSTRIES MANGAIAM P.O., NORTH PARAVUR,	
DATE OF REGISTRATION	24/01/2014	
TITLE	INTRAVENOUS DRIP STAND	
PRIORITY NA		
DESIGN NUMBER	261605	
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	09/04/2014	
TITLE	DISH	The state of the s
PRIORITY NA		
DESIGN NUMBER	261670	
CLASS	08-09	
THE COMPANIES ACT, 1956, HAV	TED, COMPANY INCORPORATED UNDER ING ITS REGISTERED OFFICE AT INAI-600002, TAMIL NADU, INDIA	0/5/0
DATE OF REGISTRATION	10/04/2014	
TITLE	STRUCTURAL METAL FITTING FOR CONNECTING CLAMPS	7
PRIORITY NA		

DESIGN NUMBER		261383	
CLASS	07-06		
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	LACE OF BUSINESS	AT	The second
DATE OF REGISTRATION	31	1/03/2014	
TITLE		DISH	
PRIORITY NA			
DESIGN NUMBER		258863	
CLASS		24-01	
WAUKESHA, WI 53188, UNITED ST DATE OF REGISTRATION	ORTH GRANDVIEW BOULEVARD-W-710, ATES OF AMERICA 19/12/2013		
TITLE	X-RAY MACHINE POSITIONER		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
201330271628.1	21/06/2013	CHINA]
DESIGN NUMBER		260457	
CLASS	11-01		
1)DE BEERS CENTENARY AG, O ALPENSTRASSE 5, 6000 LUZERI			
DATE OF REGISTRATION	18/02/2014		
TITLE	RING		
PRIORITY NA			

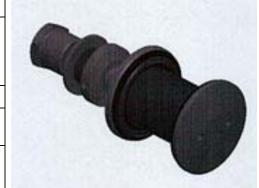
DESIGN NUMBER	246520)	
CLASS	09-01			
	1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA			
DATE OF REGISTRATION		16/07/20	12	
TITLE	FRONT PANEL (OF BEVE	RAGE DISPENSER	
PRIORITY				
PRIORITY NUMBER	DATE	C	COUNTRY	
29/411, 036	16/01/2012	Į	J.S.A.	
DESIGN NUMBER		263351		
CLASS		10-01		
1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA		Page 1		
DATE OF REGISTRATION		13/06/20	14	
TITLE	CLOCK		K	
PRIORITY NA			First stee	
DESIGN NUMBER	262328		}	
CLASS		24-01		
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING JNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION	05/05/2014		14	
TITLE	CONTROL PANEL FOR CT/PET SCANNER		CT/PET SCANNER	IN ON A
PRIORITY			(6 S)	
PRIORITY NUMBER	DATE COUNTRY		COUNTRY	
002363143-0002	02/12/2013 OHIM		OHIM	

DESIGN NUMBER	261674
CLASS	08-09

1)DORMA INDIA PRIVATE LIMITED, COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

NO. 14, PATTULOS ROAD, CHENNAI-600002, TAMIL NADU, INDIA

DATE OF REGISTRATION	10/04/2014
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS



PRIORITY NA

DESIGN NUMBER	254485	
CLASS	24-02	

1)EPPENDORF AG, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF GERMANY, HAVING ITS REGISTERED OFFICE

AT BARKHAUSENWEG 1, DE-22339, HAMBURG, GERMANY

DATE OF REGISTRATION	13/06/2013
TITLE	BUCKET USED FOR CENTRIFUGE DEVICE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
402012005801.7	14/12/2012	GERMANY

DESIGN NUMBER	246519
CLASS	09-01

1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA

OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA

DATE OF REGISTRATION	16/07/2012
TITLE	FRONT PANEL OF BEVERAGE DISPENSER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/411, 035	16/01/2012	U.S.A.

DESIGN NUMBER	2.	57725	
CLASS	09-07		1
1)(1). DHAVAL H. PATEL, (2). BH VARMORA AND (4). KALPESH A. I DIRECTORS OF VARMORA PLAS' INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NR CHANGODAR-AHMEDABAD HIGH' 213. GUJARAT-INDIA	PATEL., ALL INDIAN FECH PVT. LTD., A C MPANIES ACT, 1956., AT, PLOT NO. 3, SUR DIVYA BHASKAR PI	NATIONAL OMPANY HAVING ITS VEY/BLOCK NO. 86, RESS, BAVLA-	
DATE OF REGISTRATION	GISTRATION 24/10/2013		
TITLE	CONTA	AINER LID	
PRIORITY NA			
DESIGN NUMBER	263350		
CLASS	10-01		
1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA		11 12 1 10 2	
DATE OF REGISTRATION	13/0	06/2014	9 3.
TITLE	Cl	LOCK	
PRIORITY NA			
DESIGN NUMBER	261961		
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	23/04/2014		
TITLE	IMPELLER BLADE FOR SHOTBLAST MACHINE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	\{\begin{align*} \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}\\\ \text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texit{\text{\text{\text{\tin}\text{\text{\text{\text{\text{\tex{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\}\tittt{\text{\text{\text{\text{\text{\text{\text{\ti}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\tittt{\text{\text{\ti}\tittt{\text{\text{\text{\text{\text{\ti}\tittt{\text{\text{\text{\texi}\tint{\text{\text{\texi}\tittt{\tiintt{\text{\text{\text{\text{\text{\text{\texi}\text{\ti
2013-025416	31/10/2013 JAPAN		V

	T		
DESIGN NUMBER	262327		
CLASS	24-01		
1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFF HIGH TECH CAMPUS 5, 5656 AI	SDOM OF THE NETH ICE ADDRESS IS	IERLANDS, RESIDING A	T , , ,
DATE OF REGISTRATION	0:	5/05/2014	
TITLE		ORT TABLE FOR CT/PET CANNER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002363143-0001	02/12/2013	OHIM	
DESIGN NUMBER		259674	
CLASS		12-11	
UNDER THE COMPANIES ACT, 19 "JAYALAKSHMI ESTATES , 29 600006, TAMIL NADU, INDIA DATE OF REGISTRATION TITLE	OLD NO. 8) HADDOWS ROAD, CHENNAI 27/01/2014 SCOOTER		
PRIORITY NA	3	COOTER	
DESIGN NUMBER	262631		
CLASS	09-03		
1) DIVERSEY, INC., 8310 16TH STREET, M/S 509, P.C UNITED STATES OF AMERICA, A I			
DATE OF REGISTRATION	15/05/2014		
TITLE	CONTAINER WITH DOSING CAP		
PRIORITY	<u>. </u>		
PRIORITY NUMBER	DATE	COUNTRY	
29/472,842	15/11/2013 U.S.A.		

DESIGN NUMBER	261672	
CLASS	08-09	
THE COMPANIES ACT, 1956, HA	MITED, COMPANY INCORPORATED UNDER AVING ITS REGISTERED OFFICE AT ENNAI-600002, TAMIL NADU, INDIA	
DATE OF REGISTRATION	10/04/2014	
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS	
PRIORITY NA		
DESIGN NUMBER	261385	
CLASS	07-06	
1)MA DESIGN INDIA PRIVATI INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N		1
DATE OF REGISTRATION	31/03/2014	
TITLE	CAKE STAND	
PRIORITY NA		the state of the s
DESIGN NUMBER	260878	
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	10/03/2014	
TITLE	CHEESE BOARD	
PRIORITY NA		

DESIGN NUMBER	262329
CLASS	24-01

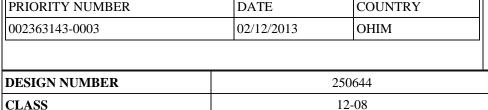
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN,

WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	05/05/2014
TITLE	COMPUTED TOMOGRAPHY SCANNER



- 111 0 111 1		
PRIORITY NUMBER	DATE	COUNTRY
002363143-0003	02/12/2013	ОНІМ



1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF
DACHALIER STR 667 80995 MUNICH GERMANY

DATE OF REGISTRATION	03/01/2013	
TITLE	DRIVERS CAB OF A UTILITY VEHICLE	



PRIORITY NUMBER	DATE	COUNTRY
001335236	04/07/2012	OHIM



	DESIGN NUMBER	259683
CLASS 08-06	CLASS	08-06

1)MUKESHBHAI GORDHANBHAI RAKHOLIYA AN INDIAN NATIONAL SOLE PROPRIETOR OF RAMESHWAR METAL AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS

AT 4, PARSANA SOCIETY, 50 FEET MAIN ROAD, B/H. 73 NO. SCHOOL, RAJKOT-360 002, GUJARAT - INDIA

DATE OF REGISTRATION	27/01/2014
TITLE	HANDLE





DESIGN NUMBER	262863			
CLASS	15-99			
1)GOYUM SCREW PRESS, #2581, (PUNJAB) INDIA AN INDIAN PROPRIETORSHIP F BEING INDIAN NATIONALS OF THI	IRM WHOSE PROPR	,		
DATE OF REGISTRATION	2:	3/05/2014		
TITLE	OIL	EXPELLER	-	
PRIORITY NA				
DESIGN NUMBER		261387		
CLASS		03-01		
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	DA-201305, U.P. IND	AT IA	IN	
DATE OF REGISTRATION	31/03/2014			
TITLE	VANITY TRAY			
PRIORITY NA				
DESIGN NUMBER	259540			
CLASS	02-04			
1)GOUSSON-CONSULTADORIA I LIABILITY COMPANY OF STRADA SETTECAMINI 116, I-63		•		
DATE OF REGISTRATION	20/01/2014			
TITLE	HEEL FOR FOOTWEAR			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002281204	25/07/2013 OHIM			

DESIGN NUMBER	261951	
CLASS		
HAVING REGISTERED OFFICE A	D REPRESENTED BY MR. VIJAY SRINIVASAN AT M, THORAIPAKKAM, CHENNAI-97,	
DATE OF REGISTRATION	23/04/2014	
TITLE	HOUSEHOLD (GRINDING MACHINE)	
PRIORITY NA		
DESIGN NUMBER	257644	
CLASS	07-02	
INCORPORATED UNDER THE COPRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, N CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA		
DATE OF REGISTRATION	22/10/2013	
TITLE KITCHEN STORAGE CONTAINER		
PRIORITY NA	1	
DESIGN NUMBER	263235	
CLASS 12-15		
1)M/S. JK TYRE & INDUSTRIES 7, COUNCIL HOUSE STREET, K		
DATE OF REGISTRATION 10/06/2014		建
TITLE TYRE		
PRIORITY NA		

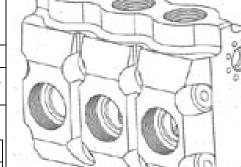
DESIGN NUMBER		258144	
CLASS		13-03	
1)ABB OY, A COMPANY OF FINLAND OF STRÖMBERGINTIE 1, FI-00380 HELSINKI, FINLAND			Oy
DATE OF REGISTRATION	1:	3/11/2013	
TITLE	DIRECT C	URRENT SWITCH	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002237636	15/05/2013	OHIM	
DESIGN NUMBER		261659	
CLASS		08-09	
1)DORMA INDIA PRIVATE LIMI THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHEN			
DATE OF REGISTRATION	10	0/04/2014	
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS		S
PRIORITY NA			
DESIGN NUMBER		259425	
CLASS		02-07	
1)COLE HAAN LLC, A CORPORATHE LAWS OF USA, OF 45 WEST 18TH STREET, THIR STATES OF AMERICA			
DATE OF REGISTRATION	16/01/2014		
TITLE	SHOE WELT		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/460,880	16/07/2013 U.S.A.		

CLASS 15-02	

1)S.P.M. FLOW CONTROL, INC., A CORPORATION OF THE STATE OF TEXAS, OF

7601 WYATT DRIVE, FORT WORTH, TEXAS 76108, USA

CENTER PORTION OF FLUID CYLINDER	DATE OF REGISTRATION		25/10/2012		
FOR PUMP		TITLE	CENTER PORTION OF FLUID CYLINDER FOR PUMP		



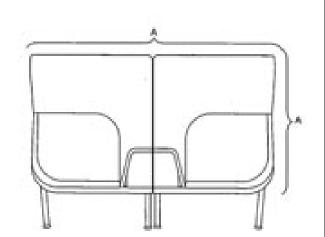
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/419,417	27/04/2012	U.S.A.

DESIGN NUMBER	MBER 256414	
CLASS 06-01		
1)HERMAN MILLER, INC.,		

OF 855 EAST MAIN AVENUE, ZEELAND, MICHIGAN 49464, UNITED STATES OF AMERICA

DATE OF REGISTRATION	13/09/2013		
TITLE	FURNITURE (SEATING UNIT)		



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/450,168	15/03/2013	U.S.A.

DESIGN NUMBER	263514		
CLASS	13-03		

1)LECTRIX MOTORS LIMITED, 137-C, DDA, MIG FLATS, RAJOURI GARDEN EXTENSION, NEW DELHI, INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

DATE OF REGISTRATION	19/06/2014	
TITLE	STABILIZER	



DESIGN NUMBER		262006	
CLASS	04-02		(1)
1)TRIXIE IMPEX PVT. LTD. IS A COMPANY REGISTERED UNDER COMPANIES ACT 1956 HAVING REGISTERED ADDRESS AT 171 SATARA PLAZA, PALM BEACH ROAD, SECTOR 19, NAVI MUMBAI-400703, MAHARASHTRA, INDIA DATE OF REGISTRATION 25/04/2014)3,
TITLE		OTH BRUSH	
PRIORITY NA			
DESIGN NUMBER		262274	
CLASS		01-01	
PUMP, TANDA ROAD, HOSHIARPUR-144203 INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:-KHURSHED BEING INDIAN NATIONALS OF THE ABOVE ADDRESS DATE OF REGISTRATION 01/05/2014			75
TITLE	JAGGERY-BLOCK		
PRIORITY NA			
DESIGN NUMBER		259707	
CLASS		13-03	
1)TOSHIBA MITSUBISHI-ELEC A JAPANESE CORPORATION, OI 13-16, MITA 3-CHOME, MINATO	ON,		
DATE OF REGISTRATION	27/01/2014		
TITLE	ELECTRICAL POWER CONVERTER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-018902	20/08/2013 JAPAN		8

DESIGN NUMBER		262454	
CLASS	20-03		
1)M/S JADEJA SPORTS AND ENT COMPANY INCORPORATED UND ADDRESS IS J-7, A.R.D. COMPLEX, SECTOR-1	ER THE COMPANII	ES ACT OF 1956 WHOSE	
DATE OF REGISTRATION	0	7/05/2014	
TITLE	ADVERTISEM	ENT DISPLAY BOARD	
PRIORITY NA			
DESIGN NUMBER		262635	
CLASS		09-03	
1)DIVERSEY, INC., 8310 16TH STREET, M/S 509, P.O. BOX 902, STURTEVANT, WI 53177-0902, UNITED STATES OF AMERICA, A DELAWARE CORPORATION			
DATE OF REGISTRATION	15/05/2014		
TITLE	CONTAINER WITHOUT CAP		
PRIORITY	T		
PRIORITY NUMBER	DATE COUNTRY		
29/472,843	15/11/2013	U.S.A.	
DESIGN NUMBER		260887	
CLASS		06-07	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	LACE OF BUSINESS	SAT	
DATE OF REGISTRATION	10/03/2014		
TITLE	MIRROR		
PRIORITY NA			

DESIGN NUMBER			263324	
CLASS		09-01		
1)SAKSHAM CONTAINERS PV INCORPORATED UNDER THE C VIHAR, NEW DELHI-110063 WHOSE DIRECTORS ARE RAV INDIAN NATIONAL OF ABOVE A	OMPA VINDR	ANIES ACT, 1956 A MITTAL AND N	AT A-3/122, PASCHIM	
DATE OF REGISTRATION		13.	/06/2014	
TITLE		В	OTTLE	Control of the Contro
PRIORITY NA				
DESIGN NUMBER		2	263512	
CLASS			13-03	- 244
1)LECTRIX MOTORS LIMITEI EXTENSION, NEW DELHI, INDL (AN INDIAN COMPANY DULY 1956)	Á		,	
DATE OF REGISTRATION		19/06/2014		
TITLE		STABILIZER		Colombia Colombia
PRIORITY NA				
DESIGN NUMBER		262330		
CLASS		24-01		
1)KONINKLIJKE PHILIPS N.V. UNDER THE LAWS OF THE KIN EINDHOVEN, WHOSE POST-OF HIGH TECH CAMPUS 5, 5656 A	GDON FICE A	1 OF THE NETHI ADDRESS IS	ERLANDS, RESIDING	
DATE OF REGISTRATION		05/05/2014		9 20)
TITLE		CONTROL PANEL FOR CT SCANNER		
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002363143-0004		02/12/2013	OHIM	

DESIGN NUMBER	262869
CLASS	15-03

1)KUBOTA CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OFJAPAN, OF THE ADDRESS

2-47, SHIKITSUHIGASHI 1-CHOME, NANIWA-KU, OSAKA-SHI, OSAKA, **JAPAN**

DATE OF REGISTRATION	23/05/2014		
TITLE	STORAGE TANK FOR AGRICULTURAL MACHINERY		



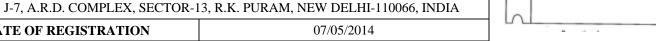
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-029797	19/12/2013	JAPAN

DESIGN NUMBER	262453	
CLASS	20-03	

1)M/S JADEJA SPORTS AND ENTERTAINMENTS PVT LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956 WHOSE ADDRESS IS

DATE OF REGISTRATION	07/05/2014	
TITLE	ADVERTISEMENT DISPLAY BOARD	



PRIORITY NA

	DESIGN NUMBER
	CLASS
	CLASS

1) DHAMPURE SPECIALITY SUGARS LTD. HAVING ADDRESS AS 24, SCHOOL LANE, NEAR WORLD TRADE CENTRE, NEW DELHI-110001

DATE OF REGISTRATION	24/03/2014	
TITLE	SUGAR CUBE	



DESIGN NUMBER		260682	
CLASS		10-05	
1)TYCO FIRE & SECURITY GMBH, A SWISS LIMITED LIABILITY COMPANY, OF VICTOR VON BRUNS-STRASSE 21, 8212 NEUHAUSEN AM RHEINFALL, SWITZERLAND			
DATE OF REGISTRATION	28	3/02/2014	Marie N
TITLE	SECU	JRITY TAG	
PRIORITY	1		
PRIORITY NUMBER	DATE	COUNTRY	
29/465712	30/08/2013	U.S.A.	
DESIGN NUMBER		263173	
CLASS		07-06	
A-41, SECTOR-80, PHASE-II, NO DATE OF REGISTRATION TITLE	DA-201305, U.P. INDIA. 06/06/2014 BOTTLE OPENER		
PRIORITY NA			
DESIGN NUMBER		263517	
CLASS		09-07	
1)SH. MANISH GOYAL, 133, KAI (INDIA). AN INDIAN NATIONAL OF THE		JRA, DELHI-110034,	
DATE OF REGISTRATION	19/06/2014		
TITLE	CAP FOR BOTTLE		
PRIORITY NA			

DESIGN NUMBER	262007	
CLASS	SS 04-02	
COMPANIES ACT 1956 HAVING RI	COMPANY REGISTERED UNDER EGISTERED ADDRESS AT CH ROAD, SECTOR 19, NAVI MUMBAI-400703,	
DATE OF REGISTRATION	25/04/2014	
TITLE	TOOTH BRUSH	
PRIORITY NA		V
DESIGN NUMBER	262275	
CLASS	01-01	
1)ANSARI TRADING CO., DO SAF PUMP, TANDA ROAD, HOSHIARPU AN INDIAN PROPRIETORSHIP FI BEING INDIAN NATIONALS OF THE		
DATE OF REGISTRATION	01/05/2014	
TITLE	JAGGERY-BLOCK	1.14.60
PRIORITY NA		
DESIGN NUMBER	261395	
CLASS	11-99	All the second second
1)M/S. TLV PACKAGING SOLUTI COMPANY HAVING REGISTERED 202, YOLEE BUILDING, NO. 14, P BANGALORE-560005, INDIA	4	
DATE OF REGISTRATION	31/03/2014	
TITLE	DECORATIVE LIGHTING DEVICE	
PRIORITY NA		The second secon

DESIGN NUMBER		260524	
CLASS	27-02		1
1)MR. SYED DAWOOD & MR. SY M/S. A1 HANDICRAFT TRADERS, PRINCIPAL PLACE OF BUSINESS 18-13-132/N/57/B, BANDLAGUDA (ANDHRA PRADESH)	AN INDIAN NATION ADDRESS AT	AL FIRM HAVING ITS	
DATE OF REGISTRATION	21	/02/2014	
TITLE	CIGA	R HOLDER	
PRIORITY NA			
DESIGN NUMBER		260700	
CLASS		09-03	
1)INTERCONTINENTAL GREAT BRANDS LLC, A COMPANY INCORPORATED IN THE STATE OF DELAWARE, U.S.A., OF 100 DEFOREST AVENUE, EAST HANOVER, NEW JERSEY 07936, UNITED STATES OF AMERICA			
DATE OF REGISTRATION		/02/2014	4
TITLE	CONTAINER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465,596	29/08/2013	U.S.A.	
DESIGN NUMBER		257627	
CLASS		07-02	
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA			
DATE OF REGISTRATION	22	/10/2013	
TITLE	STORAGE CONTAINER		
PRIORITY NA			

DESIGN NUMBER	256527	
CLASS	24-01	

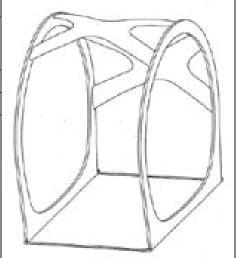
1)APPLIED MAGNETICS, LLC,

4700 140TH AVENUE N., SUITE 101, CLEARWATER, FLORIDA 33762, U.S.A., NATIONALITY: U.S.A.

DATE OF REGISTRATION	16/09/2013	
TITLE	ELECTROMAGNETIC FIELD APPARATUS	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/448,963	14/03/2013	U.S.A.



DESIGN NUMBER	262009	
CLASS	04-02	

1)TRIXIE IMPEX PVT. LTD. IS A COMPANY REGISTERED UNDER COMPANIES ACT 1956 HAVING REGISTERED ADDRESS AT

171 SATARA PLAZA, PALM BEACH ROAD, SECTOR 19, NAVI MUMBAI-400703, MAHARASHTRA, INDIA

DATE OF REGISTRATION	25/04/2014	
TITLE	TOOTH BRUSH	



PRIORITY NA

DESIGN NUMBER	255188	
CLASS	27-99	

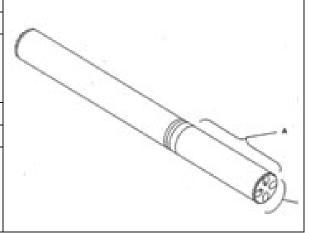
1)ALTRIA CLIENT SERVICES INC., A CORPORATION EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, USA.,

OF 6601 WEST BROAD STREET, RICHMOND, VIRGINIA 23230, USA

DATE OF REGISTRATION	11/07/2013		
TITLE	ELECTRONIC SMOKING ARTICLE		

PRIORITY

INONII		
PRIORITY NUMBER	DATE	COUNTRY
29/443,134	14/01/2013	U.S.A.



DESIGN NUMBER	262580	
CLASS	09-04	
MR. PANNALAL SHARMA, MR. JA AND MRS. BABITA RATHOD, ALL NAME AND STYLE OF M/S. CELLO REGISTERED UNDER THE PROVI HAVING OFFICE ADDRESS AT	PRADEEP RATHOD, MR. PANKAJ RATHOD, AYANTILAL JAIN, MRS. SANGEETA RATHOD INDIAN NATIONALS TRADING UNDER THE OPLASTOTECH, A PARTNERSHIP FIRM ISION OF INDIAN PARTNERSHIP ACT, 1932, NG, CELLO HOUSE, SONAWALA ROAD, 63, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	13/05/2014	Control Williams
TITLE	DUSTBIN	
PRIORITY NA		
DESIGN NUMBER	261645	
CLASS	08-09	
THE COMPANIES ACT, 1956, HAV	TED, COMPANY INCORPORATED UNDER ING ITS REGISTERED OFFICE AT INAI-600002, TAMIL NADU, INDIA	
DATE OF REGISTRATION	10/04/2014	
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS	
PRIORITY NA		
DESIGN NUMBER	261354	
CLASS	13-03	
1)LARSEN & TOUBRO LIMITED, UNDER THE COMPANIES ACT, 19 L & T HOUSE, BALLARD ESTAT MAHARASHTRA, INDIA		
DATE OF REGISTRATION	28/03/2014	
TITLE FINAL DISTRIBUTION BOARDS		
PRIORITY NA		American Inc.

DESIGN NUMBER		258590	
CLASS	24-01		
1)DEPUY (IRELAND), OF LOUGHBEG INDUSTRIAL ES	TATE, RINGASKIDD	Y, CO CORK, IRELAND	
DATE OF REGISTRATION	06	5/12/2013	Pag 559V
TITLE	FEMORAL	CUTTING BLOCK	p=====================================
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/457,162	07/06/2013	U.S.A.	
DESIGN NUMBER		260516	
CLASS		13-99	130
153/A KASTURI BUILDING, JAIN MUMBAI 400 022, MAHARASHTRA DATE OF REGISTRATION TITLE PRIORITY NA	, INDIA	0/02/2014 D-VOLTAIC MODULE	
DESIGN NUMBER		264776	
CLASS	09-03		
1)KELLOGG COMPANY, A DELA ONE KELLOGG SQUARE, PO BO			SA SA
DATE OF REGISTRATION	14/08/2014		
TITLE	CONTAINER		
PRIORITY NA			

DESIGN NUMBER		263827	
CLASS		07-02	
1)KUBER CHAMPALALJI BAMB NAGAR, S. V. ROAD, GOREGAON INDIAN NATIONAL STATE OF M ABOVE ADDRESS			
DATE OF REGISTRATION	02	2/07/2014	
TITLE	CA	SSEROLE	
PRIORITY NA			
DESIGN NUMBER		260683	
CLASS		10-05	2500
1)TYCO FIRE & SECURITY GMBH, A SWISS LIMITED LIABILITY COMPANY, OF VICTOR VON BRUNS-STRASSE 21, 8212 NEUHAUSEN AM RHEINFALL, SWITZERLAND			
DATE OF REGISTRATION	28	3/02/2014	Marie N
TITLE	SECURITY TAG		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/465712	30/08/2013	U.S.A.	
DESIGN NUMBER		261967	
CLASS		09-01	=
1)COGNAC FERRAND, A FRENCH COMPANY OF 191, AVENUE DU GÉNÉRAL LECLERC, 78220 VIROFLAY, FRANCE			
DATE OF REGISTRATION	23/04/2014		
TITLE	BOTTLE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		1131
002336933-0001	31/10/2013 OHIM		

DESIGN NUMBER	262008	
CLASS	04-02	

1)TRIXIE IMPEX PVT. LTD. IS A COMPANY REGISTERED UNDER COMPANIES ACT 1956 HAVING REGISTERED ADDRESS AT

171 SATARA PLAZA, PALM BEACH ROAD, SECTOR 19, NAVI MUMBAI-400703, MAHARASHTRA, INDIA

DATE OF REGISTRATION	25/04/2014
TITLE	TOOTH BRUSH



PRIORITY NA

DESIGN NUMBER	261396	
CLASS	01-06	

1)MARS, INCORPORATED, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF USA, OF

 $6885\ ELM\ STREET,$ MCLEAN, VIRGINIA 22101-3883, UNITED STATES OF AMERICA

DATE OF REGISTRATION	31/03/2014
TITLE	PET FOOD
DDIADIEN	

|--|

ı	IMOMIII		
l	PRIORITY NUMBER	DATE	COUNTRY
	29/469,085	07/10/2013	U.S.A.

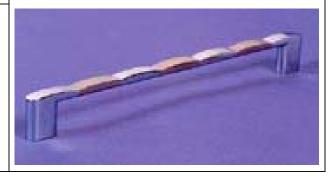


DESIGN NUMBER	263791
CLASS	08-06

1)P M S ENTERPRISE, AN INDIAN PROPRIETORSHIP CONCERN OF 15/16, SAMRAT IND. AREA, B/H. S.T. WORKSHOP, GONDAL ROAD, RAJKOT, GUJARAT, INDIA,

WHOSE PROPRIETOR IS PRASHANT PARSOTTAMBHAI SANCHANIYA OF THE SAME ADDRESS, AN INDIAN NATIONAL

DATE OF REGISTRATION	01/07/2014	
TITLE	HANDEL	



PRIORITY NA

DESIGN NUMBER	264653	
CLASS	12-16	
1)MINDA INDUSTRIES LIMITED VILL. NAWADA FATEPUR, P.O. S GURGAON, HARYANA-122004, IND	SIKANDERPUR BADDA, MANESAR, DISTT.	Tool .
DATE OF REGISTRATION	11/08/2014	
TITLE	FENDER LAMP FOR VEHICLE	
PRIORITY NA		
DESIGN NUMBER	257630	
CLASS	07-02	
DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA- CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD- 382213. GUJARAT-INDIA		
DATE OF REGISTRATION	EGISTRATION 22/10/2013	
TITLE	KITCHEN STORAGE CONTAINER	
PRIORITY NA		
DESIGN NUMBER	263044	
CLASS 26-01		EV-101
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	A	
DATE OF REGISTRATION	DATE OF REGISTRATION 02/06/2014	
TITLE CANDLE HOLDER		
PRIORITY NA		

DESIGN NUMBER		262666	
CLASS	26-05		
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS			
DATE OF REGISTRATION	16	5/05/2014	((()))
TITLE	ILLUMINA	ΓED OLED PANEL	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002346957-0003	18/11/2013	OHIM	
DESIGN NUMBER		261707	
CLASS		13-02	
CHARNWOOD BUILDING, HOLY LOUGHBOROUGH, LEICESTERSHIR DATE OF REGISTRATION	E, LE11 3GB, UNITE		
TITLE	FUEL CARTRIDGE		200
PRIORITY			66
PRIORITY NUMBER	DATE	COUNTRY	
29/469,656	11/10/2013	U.S.A.	
DESIGN NUMBER 261357			
CLASS	13-03		
1)LARSEN & TOUBRO LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 OF L & T HOUSE, BALLARD ESTATE, MUMBAI 400001, STATE OF MAHARASHTRA, INDIA			0 3
DATE OF REGISTRATION	28/03/2014		
TITLE	FINAL DISTRIBUTION BOARDS		
PRIORITY NA			0

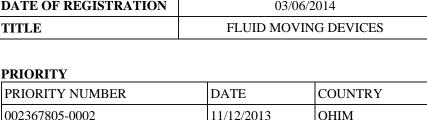
DESIGN NUMBER		261841		
CLASS	09-01		NAME OF THE OWNER, WHEN PERSON AND PERSON AN	
1)MR. SACHIN SACHDEV, MRS. ALL PARTNERS OF M/S NAYASA CONCERN DURING REGISTERE HAVING ADDRESS AT PLOT NOS. 225, 225, 227 AND 22 DISTRICT UNA-732141, HIMACHA	MULTIPLAST BEIN D UNDER THE PART 28, VILLAGE VELA BA	G A PARTNERSHIP NERSHIP ACT, 1932		
DATE OF REGISTRATION	17	7/04/2014		
TITLE	WAT	ER BOTTLE		
PRIORITY NA			*****	
DESIGN NUMBER		260763		
CLASS		24-02		
1)ASALUS MEDICAL INSTRUM 8TH FLOOR, EASTGATE HOUS UNITED KINGDOM, NATIONALIT	В,			
DATE OF REGISTRATION	03	3/03/2014		
TITLE		NNECTOR FOR MEDICA TRUMENT		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002304089	06/09/2013	OHIM		
DESIGN NUMBER 257633				
CLASS 07-02				
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, PO. VASNA CHACHARVADI, NR. DIVYA BHASKAR PRESS, BAVLA-CHANGODAR-AHMEDABAD HIGHWAY, TAL: SANAND, DIST: AHMEDABAD-382213. GUJARAT-INDIA				
DATE OF REGISTRATION	22	2/10/2013		
TITLE	STORAC	GE CONTAINER		
PRIORITY NA				

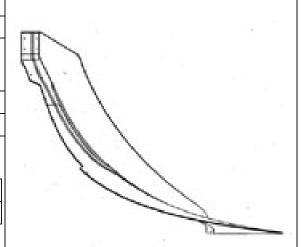
DESIGN NUMBER	263083
CLASS	23-01

1)INVENT UMWELT-UND VERFAHRENSTECHNIK AG A **GERMAN COMPANY OF**

AM PESTALOZZIRING 21, 91058 ERLANGEN, GERMANY

DATE OF REGISTRATION	03/06/2014
TITLE	FLUID MOVING DEVICES

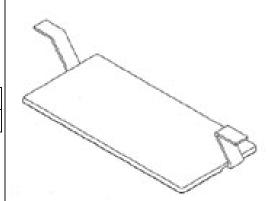




DESIGN NUMBER	261983	
CLASS	14-02	

1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742M, REPUBLIC OF KOREA

DATE OF REGISTRATION	24/04/2014	
TITLE	STAND FOR TELEVISION	



PRIORITY

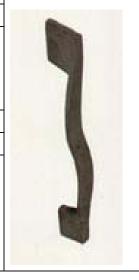
PRIORITY NUMBER	DATE	COUNTRY
30-2013-0054337	29/10/2013	REPUBLIC OF KOREA

DESIGN NUMBER	262899	
CLASS	08-06	

1)VITTORIA DESIGNS PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

2, MANINAGAR, NEAR ASHOK GARDEN, MAVDI PLOT, RAJKOT, GUJARAT-INDIA

DATE OF REGISTRATION	26/05/2014
TITLE	HANDLE



PRIORITY NA

DESIGN NUMBER		233400	
CLASS	09-03		
1)THE PROCTER & GAMBLE CO ONE PROCTER & GAMBLE PLA		IO-45202, USA.	
DATE OF REGISTRATION	20	0/12/2010	4
TITLE	FEMININE HYGIE	NE PRODUCT PACKAGE	
PRIORITY			3
PRIORITY NUMBER	DATE	COUNTRY	
WO 552813001	18/06/2010	WIPO	
DESIGN NUMBER		261653	
CLASS		08-09	No. of the second
1)DORMA INDIA PRIVATE LIMI THE COMPANIES ACT, 1956, HAV NO. 14, PATTULOS ROAD, CHEN	TNG ITS REGISTERI NNAI-600002, TAMIL	E D OFFICE AT NADU, INDIA	
DATE OF REGISTRATION	10/04/2014		
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS		
PRIORITY NA			
DESIGN NUMBER		261366	
CLASS	31-00		
1)SIDDHARTHA ENTERPRISES, COMPANIES ACT, 1956 HAVING I # 37/3, GOWDANPALYA, SUBRA 560061, KARNATAKA, INDIA	TS REGISTERED OF	FFICE AT	(P)
DATE OF REGISTRATION	28	8/03/2014	
TITLE	BASE UNIT O	F A MIXER GRINDER	
PRIORITY NA			

DESIGN NUMBER	2	255780	
CLASS	23-01		
1)PENTAIR RESIDENTIAL FILTI 5730 NORTH GLEN PARK ROAD U.S.A.		09, U.S.A., NATIONALITY:	
DATE OF REGISTRATION	12	/08/2013	
TITLE		G FOR A RESIDENTIAL ATION UNIT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	1
29/445,482	12/02/2013	U.S.A.	
DESIGN NUMBER		264779	
CLASS 09-07			
1)KELLOGG COMPANY, A DELA ONE KELLOGG SQUARE, PO BO			
DATE OF REGISTRATION	14/08/2014		
TITLE	FLIP TOP OF A CONTAINER		
PRIORITY NA			
DESIGN NUMBER	-	263790	
CLASS	08-06		
1)P M S ENTERPRISE, AN INDIAN PROPRIETORSHIP CONCERN OF 15/16, SAMRAT IND. AREA, B/H. S.T. WORKSHOP, GONDAL ROAD, RAJKOT, GUJARAT, INDIA, WHOSE PROPRIETOR IS PRASHANT PARSOTTAMBHAI SANCHANIYA OF THE SAME ADDRESS, AN INDIAN NATIONAL			
DATE OF REGISTRATION	01	/07/2014	4
TITLE	HANDLE		
PRIORITY NA			

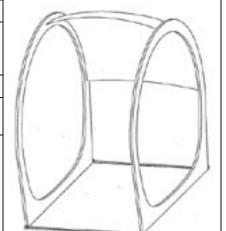
TITLE	VALVE	
DATE OF REGISTRATION	05/06/2014	
INCORPORATED UNDER THE IN REGISTERED OFFICE AT	LIMITED., AN INDIAN COMPANY IDIAN COMPANIES ACT, 1956, HAVING 422010, MAHARASHTRA, INDIA	
CLASS	23-01	
DESIGN NUMBER	263129	
PRIORITY NA		
TITLE	KITCHEN STORAGE CONTAINER	
DATE OF REGISTRATION	22/10/2013	H Res
VARMORA AND (4). KALPESH A DIRECTORS OF VARMORA PLA INCORPORATED UNDER THE C PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, N	HUMIKA D. PATEL, (3). PRAKASH P. PATEL., ALL INDIAN NATIONAL STECH PVT. LTD., A COMPANY OMPANIES ACT, 1956., HAVING ITS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, R. DIVYA BHASKAR PRESS, BAVLA-HWAY, TAL: SANAND, DIST: AHMEDABAD-	
CLASS	07-02	
DESIGN NUMBER	257629	
PRIORITY NA		
TITLE	FOOTWEAR	
REPRESENTED BY ITS MANAGI NATIONALITY-INDIAN, AGED 30 RESIDING AT 'VASANTHA BH 673655, KERALA, INDIA DATE OF REGISTRATION		
PRIVATE LIMITED COMPANY II THE COMPANIES ACT, 1956, THE MOULDS AND COMPOUNDS PRI KOLATHARA POST, PIN-673655,	COMPOUNDS PRIVATE LIMITED, A NCORPORATED IN KERALA, INDIA UNDER E ADDRESS OF WHICH IS M/S. RADIANT VATE LIMITED, RAHIMAN BAZAR, CALICUT DISTRICT, KERALA, INDIA,	
CLASS	02-04	
DESIGN NUMBER	263917	

DESIGN NUMBER	256529
CLASS	24-01

1)APPLIED MAGNETICS, LLC,

4700 140TH AVENUE N., SUITE 101, CLEARWATER, FLORIDA 33762, U.S.A., NATIONALITY: U.S.A.

DATE OF REGISTRATION	16/09/2013		
TITLE	ELECTROMAGNETIC FIELD APPARATUS FOR TREATMENT		



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/448,963	14/03/2013	U.S.A.

DESIGN NUMBER	261053
CLASS	08-07

1)GODREJ & BOYCE MFG. CO. LTD. OF

LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY

DATE OF REGISTRATION	18/03/2014
TITLE	KEY



PRIORITY NA

DESIGN NUMBER	261144
CLASS	10-02
1) THE FALLOT DING GA A GREEG COMPANY	

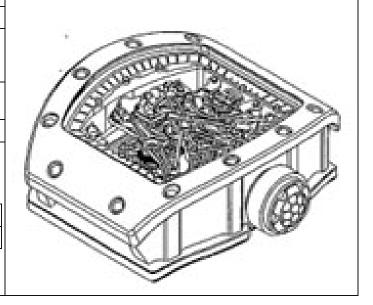
1)TURLEN HOLDING SA, A SWISS COMPANY,

C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND

DATE OF REGISTRATION	20/03/2014
TITLE	WATCH



PRIORITY NUMBER	DATE	COUNTRY
779121601	05/12/2013	WIPO



DESIGN NUMBER	259215		
CLASS	24-02		
1)SANOFI-AVENTIS DEUTSCHLA BRÜNINGSTRASSE 50, 65929 FR.			va-ion
DATE OF REGISTRATION	0	3/01/2014	
TITLE	BLOOD C	GLUCOSE METER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002 288 266	07/08/2013	OHIM	
DESIGN NUMBER		262896	
CLASS		08-06	
THE COMPANIES ACT, 1956) HAV AT ADDRESS: 2, MANINAGAR, NEAR ASHOK (INDIA			
DATE OF REGISTRATION	2	6/05/2014	
TITLE	HANDLE		
PRIORITY NA			
DESIGN NUMBER	262665		
CLASS	26-05		
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KINGS EINDHOVEN, WHOSE POST-OFFICE ADDRESS EINDHOVEN, THE NETHERLANDS	DOM OF THE NETH	HERLANDS, RESIDING	AT
DATE OF REGISTRATION	16/05/2014		
TITLE	ILLUMINATED OLED PANEL		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002346957-0002	18/11/2013 OHIM		

DESIGN NUMBER	264778	
CLASS	09-07	
1)KELLOGG COMPANY, A DELA ONE KELLOGG SQUARE, PO BO	AWARE CORPORATION, OF X 3599, BATTLE CREEK, MICHIGAN 49016 USA	
DATE OF REGISTRATION	14/08/2014	
TITLE	LID OF A CONTAINER	
PRIORITY NA		
DESIGN NUMBER	257628	
CLASS	07-02	
PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NR	TECH PVT. LTD., A COMPANY MPANIES ACT, 1956., HAVING ITS AT, PLOT NO. 3, SURVEY/BLOCK NO. 86, DIVYA BHASKAR PRESS, BAVLA- WAY, TAL: SANAND, DIST: AHMEDABAD-	
DATE OF REGISTRATION	22/10/2013	
TITLE	LE KITCHEN STORAGE CONTAINER	
PRIORITY NA		
DESIGN NUMBER	263182	
CLASS	07-03	0
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	06/06/2014	
TITLE SPOON		
PRIORITY NA		8

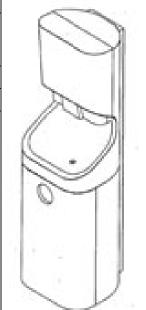
DESIGN NUMBER		256528	
CLASS	24-01		
1)APPLIED MAGNETICS, LLC, 4700 140TH AVENUE N., SUITE NATIONALITY: U.S.A.	101, CLEARWATER, I	FLORIDA 33762, U.S.A.,	
DATE OF REGISTRATION	10	6/09/2013	
TITLE		IC FIELD APPARATUS FOR EATMENT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/448,963	14/03/2013	U.S.A.	
DESIGN NUMBER		259181	
CLASS		14-01	Village and the second
1)RAJESH KHANNA PROPRIET WZ-129, TODAPUR, INDERPUR NATIONAL			
DATE OF REGISTRATION	02/01/2014		
TITLE	MULTIMEDIA SPEAKER SET		
PRIORITY NA			
DESIGN NUMBER	262889		
CLASS		07-02	
1)GREENWAY GRAMEEN INFR 301, CHAWLA COMPLEX SECT STATE-MAHARASHTRA, INDIA A	OR 15, CBD-BELAPUF	R, NAVI MUMBAI-400614,	
DATE OF REGISTRATION	26/05/2014		
TITLE	STOVE		
PRIORITY NA			

DESIGN NUMBER	261524
CLASS	23-02

1)SMIXIN AG,

ZENTRALSTRASSE 115, 2503 BIEL, SWITZERLAND, NATIONALITY: SWITZERLAND

DATE OF REGISTRATION	03/04/2014
TITLE	HAND WASHING DEVICE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
765568201	03/10/2013	WIPO

DESIGN NUMBER	261648
CLASS	08-09

1)DORMA INDIA PRIVATE LIMITED, COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT NO. 14, PATTULOS ROAD, CHENNAI-600002, TAMIL NADU, INDIA

DATE OF REGISTRATION	10/04/2014
TITLE	STRUCTURAL METAL FITTING FOR GLASS PANELS



PRIORITY NA

DESIGN NUMBER	261355	
CLASS	13-03	

1)LARSEN & TOUBRO LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 OF

L & T HOUSE, BALLARD ESTATE, MUMBAI 400001, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	28/03/2014
TITLE	FINAL DISTRIBUTION BOARDS
TITLE	THATE DISTRIBETION BOARDS





DIRECTORS OF VARMORA PLASINCORPORATED UNDER THE COPRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, N. CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA DATE OF REGISTRATION TITLE	R. DÍVYA BHASKAR F HWAY, TAL: SANAND,	RVEY/BLOCK NO. 86, PRESS, BAVLA-	
INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, N. CHANGODAR-AHMEDABAD HIGH 382213. GUJARAT-INDIA	R. DIVYA BHASKAR P HWAY, TAL: SANAND,	RVEY/BLOCK NO. 86, PRESS, BAVLA- , DIST: AHMEDABAD-	
INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, N CHANGODAR-AHMEDABAD HIGH	R. DÍVYA BHASKAR P	RVEY/BLOCK NO. 86, PRESS, BAVLA-	
1)(1). DHAVAL H. PATEL, (2). BI VARMORA AND (4). KALPESH A.	PATEL., ALL INDIAN STECH PVT. LTD., A (N NATIONAL COMPANY	
CLASS	ASS 09-03		
DESIGN NUMBER		257631	
PRIORITY NA			
TITLE	BROOM		
DATE OF REGISTRATION	18/08/2014		
CLASS 1)K. D. KITCHENWARES PVT. I THE COMPANIES ACT, 1956) HAV AT GONDAL ROAD, NR. KANGASH (GUJARAT), INDIA	TD. (A COMPANY IN VING ITS PRINCIPAL	PLACE OF BUSINESS	
	1	0.18.1.2	
PRIORITY NUMBER 29/458.399	DATE 19/06/2013	U.S.A.	
PRIORITY		GOVINEDA	
TITLE	TRAY FOR A BURNA	ABLE INSECT REPELLENT	
DATE OF REGISTRATION	06	5/12/2013	
1)S.C. JOHNSON & SON, INC., A UNDER THE LAWS OF THE STAT AMERICA WHO ARE AMERICAN 1525 HOWE STREET, RACINE, V AMERICA	TE OF WISCONSIN, UNITED BY NATIONALITY A WISCONSIN 53403-2230	NITED STATES OF AND WHOSE ADDRESS IS 6, UNITED STATES OF	
CLASS 22-06			
CLVEC	2	258605	

DESIGN NUMBER		258984	
CLASS	12-11		
1)KTM-SPORTMOTORCYCLE MATTIGHOFEN, AUSTRIA, A COMPANY DULY ORGANIZAUSTRIA	,	,	77
DATE OF REGISTRATION	24	4/12/2013	
TITLE	MO	ΓORCYCLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
MU 554-2013	19/08/2013	AUSTRIA	
DESIGN NUMBER		260906	
CLASS		15-99	
INCORPORATED UNDER THE P. HAVING ITS REGISTERED OFFI PLOT NO. 25, INDUSTRIAL AR INDIA	CE AT	, ,	
DATE OF REGISTRATION	11/03/2014		
TITLE	TUBULAR EVAPORATIVE CONDENSER		
PRIORITY NA			
DESIGN NUMBER		261972	
CLASS	09-07		
1)CATENA PERSONAL CARE P NO. 10, SOUTH CANAL BANK NATIONALITY: INDIAN			
DATE OF REGISTRATION	2:	3/04/2014	
TITLE	TRIGGER ACTUATO	OR FOR AN AEROSOL CAN	
PRIORITY NA			

DESIGN NUMBER			261358	
CLASS		13-03		
1)LARSEN & TOUBRO LI UNDER THE COMPANIES L & T HOUSE, BALLARI MAHARASHTRA, INDIA	ACT, 19	56 OF	AN COMPANY INCORPORATED AI 400001, STATE OF	(cancer a foliage)
DATE OF REGISTRATION			28/03/2014	
TITLE		FI	NAL DISTRIBUTION BOARDS	
PRIORITY NA				
DESIGN NUMBER			260259	
CLASS			14-03	
1)SAMSUNG ELECTRON 129, SAMSUNG-RO, YEC REPUBLIC OF KOREA, A CO	ONGTON	G-GU, SUV	WON-SI, GYEONGGI-DO, 443-742, JBLIC OF KOREA	
DATE OF REGISTRATION	DATE OF REGISTRATION 10/02/2014			
TITLE		PORTABLE COMMUNICATION TERMINAL		
PRIORITY				
PRIORITY NUMBER	DA	TE	COUNTRY	
30-2013-0043844	27/0	08/2013	REPUBLIC OF KOREA	
DESIGN NUMBER			260935	
CLASS		07-02		-New
1)MUDITA MULL, OF MULL BUILDINGS, 4, AS CITIZEN	SHOK M	ARG, LUC	KNOW-226001, INDIA, AN INDIAN	
DATE OF REGISTRATION	REGISTRATION 12/03/2014			
TITLE		TRIVET		
PRIORITY NA				34/14/10/8

DESIGN NUMBER	262498
CLASS	15-03

1)GIAN AGRICULTURE INDUSTRIES, V.P.O. IKOLAHA, TEHSIL KHANNA, DISTT. LUDHIANA-141401 (PUNJAB) INDIA

AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- PARAMJIT SINGH BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	09/05/2014
TITLE	GEAR BOX FOR WHEAT-STRAW CUTTING MACHINE



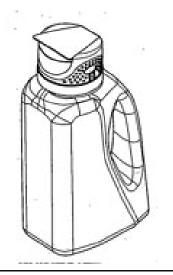
PRIORITY NA

DESIGN NUMBER	262630
CLASS	09-03

1)DIVERSEY, INC.,

8310 16TH STREET, M/S 509, P.O. BOX 902, STURTEVANT, WI 53177-0902, UNITED STATES OF AMERICA, A DELAWARE CORPORATION

DATE OF REGISTRATION	15/05/2014	
TITLE	CONTAINER WITH CAP	



PRIORITY

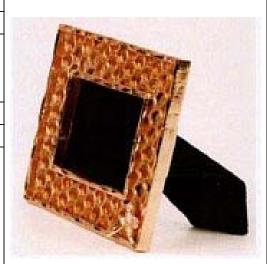
PRIORITY NUMBER	DATE	COUNTRY
29/472,842	15/11/2013	U.S.A.

DESIGN NUMBER	261384
CLASS	06-07

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	31/03/2014	
TITLE	PHOTO FRAME	



PRIORITY NA

DESIGN NUMBER		261606	
CLASS		03-01	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI	LACE OF BUSINESS	AT	
DATE OF REGISTRATION	09	9/04/2014	
TITLE	DECOR	RATIVE CASE	
PRIORITY NA			
DESIGN NUMBER		263755	
CLASS		07-02	
1)RISHABH PLAST INDUSTRIES 302, 3RD FLOOR, RAGHUVIR, O CHASMUNDA CIRCLE, BORIVALI (400092, AN INDIAN NATIONAL	PP. PRABODHANKAI	R THAKARE HALL,	
DATE OF REGISTRATION	30/06/2014		LANGE TO SECTION
TITLE	CASSEROLE		The state of the s
PRIORITY NA			
DESIGN NUMBER		260805	
CLASS		07-02	- Fo: W
1)REVENT INTERNATIONAL AB OF BOX 714, 194 27 UPPLANDS V		SWEDISH COMPANY	
DATE OF REGISTRATION	05/03/2014		
TITLE	·	AND FOOD PROCESSING OVEN	G
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002311779-0002	18/09/2013	OHIM	

DESIGN NUMBER		257.	620	
CLASS	257639 07-02			
1)(1). DHAVAL H. PATEL, (2). BH VARMORA AND (4). KALPESH A. I DIRECTORS OF VARMORA PLAS' INCORPORATED UNDER THE CO PRINCIPLE PLACE OF BUSINESS PO. VASNA CHACHARVADI, NR CHANGODAR-AHMEDABAD HIGH' 382213. GUJARAT-INDIA	PATE FECI MPA AT, I . DIV	KA D. PATEL, (3). PEL., ALL INDIAN N. H PVT. LTD., A CONNIES ACT, 1956., HPLOT NO. 3, SURVEYA BHASKAR PRE	PRAKASH P. ATIONAL MPANY AVING ITS EY/BLOCK NO. 86, SS, BAVLA-	
DATE OF REGISTRATION		22/10/	/2013	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSONS AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO PERSON NAME
TITLE		HOUSEHOLD	COOKWARE	A Cold Street and the
PRIORITY NA				
DESIGN NUMBER	260069			
CLASS		13-	03	
1)AJANTA PRIVATE LIMITED, A ORPAT INDUSTRIAL ESTATE, R STATE OF GUJARAT, INDIA				
DATE OF REGISTRATION	03/02/2014			
TITLE	SWITCH		ГСН	A CONTRACTOR OF THE PARTY OF TH
PRIORITY NA				
DESIGN NUMBER	262671			
CLASS		12-	08	
1)FIAT GROUP AUTOMOBILES S OF CORSO GIOVANNI AGNELLI 200				
DATE OF REGISTRATION	16/05/2014			
TITLE	CAR			
PRIORITY				
PRIORITY NUMBER	DATE COUNTRY		COUNTRY	
				71

OHIM

19/11/2013

002348334

DESIGN NUMBER	2.	51478	
CLASS		07-01	
1)SHRI. INDERMAL P. JAIN, BLU 113/114 VIVEK INDUSTRIAL EST MUMBAI-63, INDIAN	UPLAST INDUSTRIES	LTD.,	+
DATE OF REGISTRATION	02/	04/2014	
TITLE		CUP	
PRIORITY NA			
DESIGN NUMBER	2	61370	
CLASS	2	23-02	
1)GEBERIT INTERNATIONAL AO SCHACHENSTRASSE 77, 8645 JO SWITZERLAND			
DATE OF REGISTRATION	28/03/2014		
TITLE	CONTROL PANEL FOR TOILET FLUSH TANKS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
787158001	17/01/2014 WIPO		
DESIGN NUMBER	2	51408	
CLASS	1	4-03	
1)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE			
DATE OF REGISTRATION	31/03/2014		
TITLE	MOBILE PHONE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/468,533	01/10/2013	U.S.A.	

DESIGN NUMBER		258665	
CLASS		11-02	- 1
1)VISHAN KUMAR GUPTA AN IN ENTERPRISES, A PROPRIETORSH INDIA WHOSE ADDRESS IS AT NAI BASTI BEHIND TELEPHONI FIROZABAD: 283203 (U.P. WEST)	IIP FIRM EXISTING	AS PER THE LAWS OF	
DATE OF REGISTRATION	1	1/12/2013	
TITLE	FLO	WER VASE	
PRIORITY NA			
DESIGN NUMBER		248350	
CLASS		24-02	
1)GENERAL ELECTRIC COMPA INCORPORATED UNDER THE LA HAVING ITS OFFICE AT 1 RIVER ROAD, SCHENECTA AMERICA	WS OF UNITED STA	TES OF AMERICA	
DATE OF REGISTRATION	0-	4/10/2012	000
TITLE	X-RAY UNIT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/417,557	05/04/2012 U.S.A.		