पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 45/2015 ISSUE NO. 45/2015

शुक्रवार FRIDAY दिनांक: 06/11/2015

DATE: 06/11/2015

पेटंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

6TH NOVEMBER, 2015

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THE PATENT OFFICE KOLKATA, 06/11/2015

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		i dudcherry and Lakshadweep.
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Fax: (91)(22) 24130387		
E-mail: mumbai-patent@nic.in		Phone: (91)(33) 2367 1943/44/45/46/87
The States of Gujarat, Maharashtra, Madhya		Fax: (91)(33) 2367 1988
Pradesh, Goa and Chhattisgarh and the Union		E-Mail: kolkata-patent@nic.in
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Haveli		
		❖ Rest of India
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Government of India,		
Boudhik Sampada Bhavan,		
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New Delhi - 110075		
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Fax: (91)(11) 2808 1920 & 2808 1940		
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and Kashmir, Punjab, Rajasthan, Uttar Pradesh,		
Uttaranchal, Delhi and the Union Territory of	1 1	

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 06/11/2015

• कार्यालयों के क्षेत्राधिकार के पते

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1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प	4	पेटेंट कार्यालय, भारत सरकार
	तथा व्यापार चिहन,		इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट
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	ई. मेल: cgpdtm@nic.in		फ़ैक्स: (91)(44) 2250-2066
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			तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
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	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037,		सीपी-2, सेक्टर- V, साल्ट लेक सिटी,
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	 गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, 		ई. मेल: kolkata-patent@nic.in
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3	पेटेंट कार्यालय, भारत सरकार		
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	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
	फोन: (91)(11) 2808 1921-25		
	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
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पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

NOTICE OF SURRENDER /REVOKE OF PATENT UNDER SECTION 63 & RULE 87 OF THE PATENTS ACT, 1970 (DELHI)

The request for Surrender of Patent No: 216922 (1689/DELNP/2009) filed by the Patentee, Shinano Kenshi Kabushiki Kaisha, through his agent S.S.RANA & Co, New Delhi on 01/04/2014 has been accepted by the Controller as per the procedures prescribed in the Patents Act 1970, an order has been issued on 28/10/2014 and the said Patent is REVOKED under section 63 and Rule 87 of the Patents Act 1970.

CORRIGENDUM (KOLKATA)

The Patent Nos. 187055 (1656/CAL/1995), 222031(29/CAL/2000), 195080(2205/CAL/1997) & 209254 (2105/CAL/1997) were erroneously published u/s 57 in the Official Journal Nos. 22/2015 dated 29.05.2015 hence the same may be treated as unpublished u/s 57 of the Patents Act.

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.3374/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: FIRE EXTINGUISHING PROJEECTILE AND LAUNCHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)SINGHAL AKHIL Address of Applicant:#5319, ST. NO. 6, MALVIYA NAGAR, BATHINDA-151001 Punjab India (72)Name of Inventor: 1)SINGHAL AKHIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A launcher fire extinguisher comprising of two separate units, the pressurized capsule and its pressurized launcher meant for fighting fires inaccessible through conventional means i.e. fires on high storied building floors where no conventional method is effective. The capsule is launched by high velocity of air release both by the launcher and the launched capsule. The projectile shaped capsule contains fire retarding agent which will be dispersed once iri contact with naked flame or high temperatures. The launcher can be recharged multiple times for repeated use although the capsule is meant for one time use only. The launcher is charged with common air or gas through a compressor and has to be recharged after a specific capsule launches.

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

(21) Application No.3375/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: FIRE EXTINGUISHING CAPSULE

(51) International classification	:A62D1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SINGHAL AKHIL
(32) Priority Date	:NA	Address of Applicant :#5319, ST. NO. 6, MALVIYA
(33) Name of priority country	:NA	NAGAR, BATHINDA-151001 Punjab India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGHAL AKHIL
(87) 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 fire extinguishing apparatus primarily meant to be primarily utilized in domestic areas but of course could be used in other ways and places, the fire retarding agent enclosed in a spherical container and capturing the benefits of a capsule extinguisher and also having an alternate controlled release mechanism for small fires. The spherical shape of the container allows the personal using the apparatus to roll the extinguisher from a distance for the self-activation of the device.

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

(21) Application No.3376/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: GASEOUS FIRE SPRINKLER

 (51) 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)SINGHAL AKHIL Address of Applicant:#5319, ST. NO. 6, MALVIYA NAGAR, BATHINDA-151001 Punjab India (72)Name of Inventor: 1)SINGHAL AKHIL
 (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 thermo-controlled fire extinguisher comprising a cylinder containing the primary fire extinguishing agent and a vacuum chamber and a hemisphere on the bottom of the cylinder housing the secondary fire extinguishing agent. It is made of suitable material like steel, iron, plastic or the like. It is activated by the discharge of the gas of high expansion coefficient enclosed in a glass rod or ball made of low expansion coefficient glass. The secondary fire extinguishing agent is held by a vacuum chamber to the container of the primary agent and is a hemisphere-like structure with a gap in the center for aiding the heat to come in contact with the glass structure.

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

(21) Application No.3373/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: EXPLOSIVE FIRE EXTINGUISHER

 (51) 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)SINGHAL AKHIL Address of Applicant:#5319, ST. NO. 6, MALVIYA NAGAR, BATHINDA-151001 Punjab India (72)Name of Inventor: 1)SINGHAL AKHIL
 (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:

An explosive fire extinguishing device which comprises of separate compartments one housing the other containing an explosive charge in the middlemost compartment in a waterproof fragmentary rigid structure. The second to the centermost compartment is a container capable of housing a pressurized gas or a liquid of firefighting or fire retarding capabilities. The outermost container is a fin shaped structure which facilitates better fragmentation and also houses a fire extinguishing agent which may be in a solid or powdered form. If the outermost compartment houses an agent of powder state a rigid plastic casing is used to hold the agent in place and to prevent accidental activation.

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

(21) Application No.3135/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : FLEXIBLE PACKAGE WITH RECLOSABLE OPENING

D22D2/26	(71)NJ 6 A P A
:B32B3/26	(71)Name of Applicant:
:NA	1)CHATURVEDI, ASHOK
:NA	Address of Applicant :305, III FLOOR, BHANOT CORNER,
:NA	PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 Delhi India
:NA	(72)Name of Inventor:
:NA	1)CHATURVEDI, ASHOK
: NA	
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:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA : NA :NA :NA

(57) Abstract:

No. of Pages: 21 No. of Claims: 27

(21) Application No.3578/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A RAPID KIT FOR THE QUANTITATION OF HBALC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)MAHAJAN; LALIT Address of Applicant: A-180, OKHLA INDUSTRIAL AREA, PHASE-1, NEW DELHI, INDIA. Delhi India (72)Name of Inventor: 1)MAHAJAN; LALIT
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA	

(57) Abstract:

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

(21) Application No.2722/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: YAGYA VIGYAN.

(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SWAMI KRISHNANAND
(32) Priority Date	:NA	Address of Applicant :RISHI UDHAN, PUSHKAR ROAD,
(33) Name of priority country	:NA	AJMER, RAJASTHAN. Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SWAMI KRISHNANAND
(87) 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:

All diseases are treated by yagya. I have developed this method completely. (The diseases which became complicated for other methods) are treated quickly by this yagya-medicine method, which I have treated, which I have described (discussed) in detail. Other subjects have been taken under this yagya - medicine subject.

No. of Pages: 20 No. of Claims: 2

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

(43) Publication Date: 06/11/2015

(54) Title of the invention : A BIODEGRADABLE FLEXIBLE PACKAGING FILM FOR PACKING FRESH PRODUCE AND A PACKAGE MADE THEREFROM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08K3/34, C08K3/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CHATURVEDI, ASHOK Address of Applicant:305, III FLOOR, BHANOT CORNER, PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 Delhi India (72)Name of Inventor: 1)CHATURVEDI, ASHOK
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(57) Abstract:

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

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR CONTROLLING DUAL MODULATION DISPLAYS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G09G 3/36 :61/660611 :15/06/2012 :U.S.A. :PCT/US2013/044988 :10/06/2013 :WO 2013/188298 :NA :NA :NA	(71)Name of Applicant: 1)DOLBY LABORATORIES LICENSING CORPORATION Address of Applicant :c/o Dolby Laboratories Licensing Corporation, 100 Potrero Avenue, San Francisco, California 94103- 4813 U.S.A. (72)Name of Inventor: 1)ATKINS, Robin 2)WARD, Rabab K.
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(57) Abstract:

In one embodiment, a dual modulator display systems and methods for rendering target image data upon the dual modulator display system are disclosed where the display system receives target image data, possible HDR image data and first calculates display control signals and then calculates backlight control signals from the display control signals. This order of calculating display signals and then backlight control signals later as a function of the display systems may tend to reduce clipping artifacts. In other embodiments it is possible to split the input target HDR image data into a base layer and a detail layer ,wherein the base layer is the low spatial resolution image data that may be utilized as for backlight illumination data. The detail layer is higher spatial resolution image data that may be utilized for display control data.

No. of Pages: 30 No. of Claims: 21

(21) Application No.909/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :19/03/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: CELL ACCOUNTING VIRTUAL SYSTEM

(51) International classification	:H04L12/14, H04Q11/04, H04L12/56, H04L	(71)Name of Applicant: 1)AVINASH RAUT Address of Applicant:AT POST: KARLI, TAL.: MANORA, DIST.: WASHIM-444 404, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)AVINASH RAUT
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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) Alastra at .		

(57) Abstract:

There will be a special CAVS (Cell Accounting virtual system) Virtual bank which is nothing but the Server which can manage all USSD based transaction and its services. People/Customer will open their own account in that virtual bank. To get membership, customer has to registered with CAVS, CAVS account does not maintained any bank details, this account is different account from your real bank account, it is a virtual account there is no any interconnection between them. People can open this account by taking voucher of registration, or by slip from bank or from franchisee of CAVS or via ATM. If a person transacted any amount through C.A.V.S USSD service to any other person. There is no matter that if he has account in CAVS or not in CAVS, then also this transaction will successful. Receiver without registration for service he II get the transaction message for received confirmation. Sender can withdrawal same amount from different bank otherwise he can reach to franchisee for withdrawal. If receiver having account in CAVS. CAVS server will fill his account with sender amount and he can get direct withdraw of money to his real bank account, as shown in figure 3 or can take withdrawal from ATM or Bank.

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

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

(43) Publication Date: 06/11/2015

(54) Title of the invention: HIGH IMPACT ABSORPTION SPRING FOR A FOUR WHEELER VEHICLE

	:B60R	(71)Name of Applicant:
(51) International classification	19/00,B60R	1 ' '
	21/00	Address of Applicant :E-234, Shri Gajanan Darshan Sector 7,
(31) Priority Document No	:NA	Sanpada Navi Mumbai Mumbai 400 705 India [IN] Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Bhumika Tandon
Filing Date	:NA	
(87) 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 is generally related to a high impact absorption spring to be mounted on front and rear parts of a four wheeler vehicle, particularly between the bonnet and bumper of a car as the front body spring and at inner side of the rear bumper as the rear body spring. In addition to such provisions of front and rear body springs, steel flaps/ sheets on front and back sides of all four wheels of the vehicle are mounted to cover the tires completely to minimize the impact of momentum of the vehicle during any accident.

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

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: Increased adhesive strength between tire bead wire and rubber by synthesis of Cu2O on bronze coated steel wire

	COED	
(51) International elegation	:C25D	(71)Name of Applicant:
(51) International classification	3/38, C25D	, , <u>.</u>
	7/06	Address of Applicant :Assistant professor, Dept. of
(31) Priority Document No	:NA	mechanical engineering Government College of Engineering
(32) Priority Date	:NA	Karad Maharashtra India
(33) Name of priority country	:NA	2)Dr. Tapas Laha
(86) International Application No	:PCT//	3)Mr. Atanu Bannerjee
Filing Date	:01/01/1900	(72)Name of Inventor:
(87) International Publication No	: NA	1)Mr. Amol Anil Sapkal
(61) Patent of Addition to Application Number	:NA	2)Dr. Tapas Laha
Filing Date	:NA	3)Mr. Atanu Bannerjee
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a system and method for increasing adhesive strength between tire bead wire and rubber by synthesis of Cu2O on bronze coated steel wire. Generally, all tire bead supplier industry manufactures tire bead wire by simple immersion method or electro deposition method. But, in case of simple immersion method, adhesive strength between coated wire and rubber would not find that much strong, but if, Cu2O synthesized on bronze coated wire by simple immersion route, then it would show pronounced increase in adhesive strength between coated wire and rubber after vulcanization.

No. of Pages: 13 No. of Claims: 2

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: A SLIVER CAN AND A SPRING ASSEMBLY FOR A SILVER CHAIN

	:D01H	(71)Name of Applicant :
(51) International classification	13/00,D01H	
	4/00	Address of Applicant: 1514, Phase IV, G.I.D.C, Wadhwan
(31) Priority Document No	:NA	363 035, Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Kalpesh G. Parmar
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 mechanism to use a sliver can for various types of the sliver material. Accordingly, the mechanism of the present invention comprises at least one free end spring and a locking means to lock the said spring at compressed state enabling the sliver can to be used for various types of the sliver materials.

No. of Pages: 18 No. of Claims: 14

(22) Date of filing of Application :07/09/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention : SYNTHESIS OF CHITOSAN-GRAFT- HPCD COPOLYMER BY ONE POT SYNTHESIS TECHNIQUE FOR SOLUBILITY ENHANCEMENT OFEFAVIRENZ

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08L 5/00, C08L 51/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Ms. Aarti V. Belgamwar Address of Applicant: Institute of Pharmaceutical Education and Research, Borgaon (Meghe), Wardha -442001, Maharashtra, INDIA. Maharashtra India 2)Dr. Shagufta A. Khan 3)Dr. Pramod G. Yeole (72)Name of Inventor: 1)Ms. Aarti V. Belgamwar 2)Dr. Shagufta A. Khan 3)Dr. Pramod G. Yeole
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(57) Abstract:

The present invention relates to a method for the solubility enhancement of antiviral Efavirenz using 2-Hydroxypropyl--cyclodextrin (2-HP--CD), a highly water-soluble CD derivative as a copolymer for grafting on CS backbone and formulation of the nanoparticle from it.Following invention is described in detail with the help of Figure 1 of sheet 1 shows the schematic representation of Reaction scheme for the preparation of CS-g-HPCD, Figure 2 a of sheet 1 shows the diagram for FTIR spectra, Figure 2 b of sheet 2 shows the diagram of FTIR Spectra, Figure 3 of sheet 2 shows the diagram for 1H NMR spectra, Figure 4 a of sheet 3 shows the diagram of DSC thermograms, Figure 5 of sheet 4 shows the diagram of Debey plot for molecular weight determination, Figure 6 of sheet 4 shows the diagram of Solubility determination of EFV in CS-g-HPCD and Figure 7a and Figure 7b of sheet 5 shows the diagram of 3D response graph showing effect of drug(X1) and polymer (X2) on (a) particle size (Y1), (b) entrapment efficiency (Y2).

No. of Pages: 37 No. of Claims: 5

(22) Date of filing of Application :07/07/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : A METHOD AND A SYSTEM FOR CASHLESS TRANSACTION AND INVENTORY MANAGEMENT ON VENDING MACHINES

(51) International classification	7/00, G06Q	(71)Name of Applicant: 1)AROON KHATTER Address of Applicant:6/96 Guruprasad, 24 Bund Garden Road, Pune Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)AROON KHATTER
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method and a system for management of cashless purchase or transaction using a vending machine and software installed on a mobile device such as a smart phone. The present invention maintains security of payment by keeping confidentiality of payment and ensures that the code sent to the user/purchaser is used only once. The invention provides easy mode of purchase and transaction over a network managing both the user and the vending machine over a network and facilitates cashless transaction and eliminate cumbersome transactions by managing inventory.

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

(22) Date of filing of Application :23/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: SKELETON GUIDED CNC FURNACE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G05B 19/00 :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)ASHVIN PATEL Address of Applicant:301, WHITE HOUSE, RTO ROAD, BHAVNAGAR-364 001, GUJARAT, INDIA. Gujarat India (72)Name of Inventor: 1)ASHVIN PATEL
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

In Skeleton guided CNC furnace, By using kinnect human hand movement is detected and giving appropriate command to CNC axis using the kinnect library. CNC axis will be moved in accordance and it will help to load and unload the furnace. Here furnace temperature is controlled through microcontroller. Through the graphic LCD furnace current and set value temperature will be displayed. User can change it through the rotary encoder. ADC will read the temperature and give it to microcontroller. It will check and control the temperature using relay. Relay will on/off the heater. Thus whole system will run regularly.

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

(22) Date of filing of Application :23/10/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention: ADAPTIVE MODULATOR FOR SOFTWARE DEFINED RADIO IN COGNITIVE ENVIRONMENT

	:H04L	(71)Nome of Applicant
(51) International classification	27/00,	(71)Name of Applicant : 1)Dr. Rajeshree Digambarrao Raut
	H04L7/00	
(31) Priority Document No	:NA	Electronics and Communication, Shri Ramdeobaba College of
(32) Priority Date	:NA	Engineering and Management, Katol Road, Gittikhadan, Nagpur
(33) Name of priority country	:NA	440013 Maharashtra India
(86) International Application No	:NA	2)Rajesh Ramakant Bhambare
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Rajeshree Digambarrao Raut
(61) Patent of Addition to Application Number	:NA	2)Rajesh Ramakant Bhambare
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Accordingly following invention provides an adaptive modulator for software defined radio in cognitive environment on FPGA using MATLAB. The different order modulation like QPSK, 16QAM, 64QAM is combined with OFDM. It gives higher throughput and better spectral efficiency by sending more bits per symbol. Here the various modulation types are implemented using single function that can be called with the appropriate coefficients. Following invention is described in detail with the help of Figure 4 of sheet 3 showing the block diagram of Adaptive Transceiver for SDR in cognitive environment.

No. of Pages: 26 No. of Claims: 7

(22) Date of filing of Application :27/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: MINI FUEL RESERVE TANK FOR TWO WHEELERS.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	37/00 :NA :NA :NA	(71)Name of Applicant: 1)MR.AJAY RAMAN WALEKAR Address of Applicant: A-109, NISARG DARSHAN, SECTOR-26, PRADHIKARAN, NIGDI, PUNE-411 044, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)MR.AJAY RAMAN WALEKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A normal two wheeler vehicle runs on petrol (gasoline) as a fuel which is stored in the petrol tankof the vehicle automobile system and this fuel is used to run the automobile; the fuel tank consists of a normal reserve tank of 1-1.5 liters which can power the automobile for 50-70 kilometers on an average; however this reserve tank system does not denote the exact amount of fuel in the fuel tank and this may mislead, the driver regarding the exact amount of fuel in the reserve tank; also the existing system do not indicate the exact mileage of the two wheeler as it is not possible to know the exact amount of fuel in the two wheeler in the reserve condition; hence a new system have been introduced which is simple in operation, and it is possible to trace the exact amount of fuel remaining in the two wheeler; a new system has a small reserve tank of 100-200 ml and is small in size and will be mounted on the supply line; when the fuel in the reserve tank gets utilized fully and the normal reserve tank will get fully dry, the two wheeler must be switched on mini reserve mode and after switching to mini reserve mode, fuel will be supplied from the mini reserve tank and this will serve as emergency supply of fuel; the two wheeler can run for next 4-5 kilometers before this mini reserve tank gets dried completely and hence the driver must fuel his two wheeler before this 4-5 kilometers; this new system helps us to trace the exact mileage of the two wheeler and hence is of great use.

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

(21) Application No.3753/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :01/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: TILE MOLDING BLADE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B29C 45/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)Taufiq Allauddin Mulla Address of Applicant: Department of mechanical engineering, Government College of Engineering karad, Tal-Karad, Dist-Sangli, State- Maharashtra, Pin- 415124 Maharashtra India 2)Prakash Manohar Khodke
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	3)Ansar Allauddin Mulla (72)Name of Inventor : 1)Taufiq Allauddin Mulla 2)Prakash Manohar Khodke 3)Ansar Allauddin Mulla

(57) Abstract:

The present invention relates to a Tile moulding blade is the blade having definite shape useful for tile (marble tile, granite tile etc.) moulding. Its material is harder than material of tile such as abrasive material, tungsten carbide etc. It is easy to install on existing tile moulding machines. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the diagram for Molding Blade for fillet Operation and Figure 2 of sheet 2 shows the diagram for molding blades for chamfer operation.

No. of Pages: 18 No. of Claims: 6

(22) Date of filing of Application :28/10/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention : SECTOR SHAPED TUBULAR 2-CORE CABLE CRIMPING LUGS, CABLE CONNECTORS AND DIES FOR CRIMPING SUCH LUGS AND CONNECTORS

	:H01R	(71)Name of Applicant :
(51) International alassification	43/00,	1)JAYANTIBHAI SHANKARBHAI PATEL
(51) International classification	H01R	Address of Applicant :1st FLOOR, SATGURU INDUSTRIAL
	4/00	ESTATE, OFF. AARREY ROAD, GOREGAON (EAST),
(31) Priority Document No	:NA	MUMBAI-400 063, MAHARASHTRA, INDIA Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JAYANTIBHAI SHANKARBHAI PATEL
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tubular cable crimping lug(figure-1) for 2-core sector shaped cable conductor which has a flat palm portion (G+H), said palm (G+H) being provided with a hole (E) for fixing the crimping lug through a bolt. The crimping lug (figure 1) has an integral elongated tubular barrel portion (B) positioned below the palm portion. The tubular barrel portion (B) is provided with a sector shaped cross section defined by four radii (R1, R2, R3 and R4) guided by the relevant standards applicable to cable cores.

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

(22) Date of filing of Application :28/10/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention : SECTOR SHAPED TUBULAR 3.5-CORE CABLE CRIMPING LUGS, CABLE CONNECTORS AND DIES FOR CRIMPING SUCH LUGS AND CONNECTORS

	:H01R 43/00.	(71)Name of Applicant: 1)JAYANTIBHAI SHANKARBHAI PATEL
(51) International classification	H01R	
	4/00	ESTATE, OFF. AARREY ROAD, GOREGAON (EAST),
(31) Priority Document No	:NA	MUMBAI-400 063, MAHARASHTRA, INDIA Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JAYANTIBHAI SHANKARBHAI PATEL
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tubular cable crimping lug(figure-1) for 3.5-core sector shaped cable conductor which has a flat palm portion (G+H), said palm (G+H) being provided with a hole (E) for fixing the crimping lug through a bolt. The crimping lug (figure 1) has an integral elongated tubular barrel portion (B) positioned below the palm portion. The tubular barrel portion (B) is provided with a sector shaped cross section defined by six radii (R1, R2, R3,R4, R5 and R6) guided by the relevant standards applicable to cable cores.

No. of Pages: 20 No. of Claims: 8

(22) Date of filing of Application :28/10/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention : SECTOR SHAPED TUBULAR 3-CORE CABLE CRIMPING LUGS, CABLE CONNECTORS AND DIES FOR CRIMPING SUCH LUGS AND CONNECTORS

(51) International classification	:H01R43/042	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAYANTIBHAI SHANKARBHAI PATEL
(32) Priority Date	:NA	Address of Applicant :1st FLOOR, SATGURU INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, OFF. AARREY ROAD, GOREGAON (EAST),
(86) International Application No	:NA	MUMBAI-400 063, MAHARASHTRA, INDIA Maharashtra
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JAYANTIBHAI SHANKARBHAI PATEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tubular cable crimping lug(figure-1) for 3-core sector shaped cable conductor which has a flat palm portion (G+H), said palm (G+H) being provided with a hole (E) for fixing the crimping lug through a bolt. The crimping lug (figure 1) has an integral elongated tubular barrel portion (B) positioned below the palm portion. The tubular barrel portion (B) is provided with a sector shaped cross section defined by six radii (R1, R2, R3,R4, R5 and R6) guided by the relevant standards applicable to cable cores.

No. of Pages: 20 No. of Claims: 8

(21) Application No.3496/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :11/09/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: SAFETY DEVICES FOR TWO WHEELERS AND THEIR APPLICATION THEREOF

(51) International classification(31) Priority Document No	27/00 :NA	Address of Applicant :E-234, Shri Gajanan Darshan Sector 7,
(32) Priority Date	:NA	Sanpada Navi Mumbai Mumbai 400 705 India [IN] Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Bhumika Tandon
(87) 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 is generally related to installation of a single straight safety bar measuring one foot or more will be located in the same area where the safety bars in located on the front side of the motorcycle/two wheeler on both left and right side of the front wheel and similarly installation of a single straight safety bar measuring one foot or more near the rear wheel of the two wheeler/motorcycle. In addition to such provisions, addition of removable backrests/removable seats attached with seatbelts which hold the driver from all the four sides for both the driverTMs seat and pillion of the motorcycle/scooter to minimize the impact of momentum of the vehicle during any accident and also to upgrade the safety features of motorcycle/scooter while running on the road. Double front and back fenders attached to the tyres with shock absorbers to stop the impact of a collision and the increased length of the front and back fenders to ensure they cover almost the entire tyre leaving only a few centimeters between the road and the tyre to ensure the motorcycle tyre cannot accidently run over anyoneTMs limb or small children or animals. The fenders can be lifted with the help of a lever in case of rugged terrain and subsequently brought down again.

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

(22) Date of filing of Application :27/10/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention : CONVERTING AGRICULTURAL WASTE (BAGASSE) INTO CHARCOAL BRIQUETTES (ALTERNATE COOKING FUEL) THROUGH UNUSED /UNUSABLE LIQUEFIED PETROLEUM GAS (LPG) CYLINDERS EMPLOYING A FRUGAL ENGINEERING APPROACH

	:C10L	(71)Name of Applicant :
(51) International classification	5/06,	1)SUBRAMANYA DATTATREYA SANBHAT
	C10L5/00	Address of Applicant :SHANTISAGAR SOC., SECTOR 10,
(31) Priority Document No	:NA	JN-4/5/3, VASHI-400 703, NAVI MUMBAI, MAHARASHTRA,
(32) Priority Date	:NA	INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SUBRAMANYA DATTATREYA SANBHAT
Filing Date	:NA	
(87) 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 application for grant of patent therefore lies in proposing a frugal innovation approach to bridge the gap between the availability of large numbers of unused/unusable LPG cylinders (readily available materials) through which such a known, in practice labour oriented technology (with available local labour and their simple machines/devices/tools) could develop and tap in to the opportunity of creating self employment at least at the rural level/s in the manufacturing of such alternate cooking fuel.

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

(22) Date of filing of Application :27/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: DOOR WEATHER STRIP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60J 10/00 :JP2014- 235809 :20/11/2014 :Japan :NA :NA :NA	(71)Name of Applicant: 1)NISHIKAWA RUBBER CO., LTD. Address of Applicant: 2-8, MISASA-MACHI 2-CHOME, NISHI-KU, HIROSHIMA-SHI, HIROSHIMA-KEN, JAPAN Japan (72)Name of Inventor: 1)SENTANI Haruki
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(57) Abstract:

A door weather strip includes an installation base member and a main seal part. A die molded part on a corner part connects an extrusion molded part on a roof side and an extrusion molded part on a pillar side. An installation base member of the extrusion molded part on the roof side has a super-soft seal lip. An installation base member of the die molded part has a die molded seal lip connected to the super-soft seal lip by die molding. Thickness of the die molded seal lip is thicker in a range from a position on a straight part on a roof side of the die molded part to a position on a curve than in a range from a position of connection between the extrusion molded part on the roof side and the die molded part to the position on the straight part on the roof side.

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

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 06/11/2015

(54) Title of the invention : SMART GLASS WITH BUILT-IN HEAD MOUNTED HD/3D PROJECTOR & CLIP-ABLE 3D VIRTUAL RETINAL DISPLY / CLIP-ABLE POLARIZED 3D GLASSES CONTROLLED BY GESTURE CONTROL DEVICE/WEARABLE NODE/VOICE COMMAND OR BLUETOOTH GAME CONTROLLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	3/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)DR.SANTOSH SHARAD KATEKARI Address of Applicant: FLAT NO.1002, 10TH FLOOR, EVORA, FORTALEZA, KALYANI NAGAR, PUNE-411 006, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)DR.SANTOSH SHARAD KATEKARI
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to 3D perception by projecting just like projector device through Smart Glass with new concept of polarization and retinal display techniques which acts as display and projection device.

No. of Pages: 18 No. of Claims: 5

(22) Date of filing of Application :28/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: ANDROID BASED SMART GLASS SYSTEM WITH UNIQUE DESIGN.

(51) International classification	9/00, G06F	(71)Name of Applicant: 1)DR SANTOSH SHARAD KATEKARI Address of Applicant:FLAT NO.1002, 10TH FLOOR, EVORA, FORTALEZA, KALYANI NAGAR, PUNE-411 006,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DR SANTOSH SHARAD KATEKARI
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to android based smart glass for its unique design. The design has innovative arrangements like, stretchable belt and screw clips for existing spectacles frames support.

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

(22) Date of filing of Application :28/10/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention : ANDROID BASED SMART GLASS WITH IN-BUILT IN SIDE PICO PROJECTOR AND CLIP-ABLE 3D VIRTUAL RETINAL DISPLAY CONTROLLED BY HAND GESTURE WERABLE, NODE VOICE COMMAND&BLUETOOTH GAME CONTROLLER

(51) International classification	:G06F 3/00, G06F 9/00	(71)Name of Applicant: 1)DR. SANTOSH SHARAD KATEKARI Address of Applicant:FLAT NO.1002, 10TH FLOOR, EVORA, FORTALEZA, KALYANI NAGAR, PUNE-411 006,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DR. SANTOSH SHARAD KATEKARI
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to 3D perception by projecting just like projector device with side projection through Smart Glass with new concept of polarization and retinal display techniques which acts as display and projection device.

(22) Date of filing of Application :30/09/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING HOMOGENEOUS BLENDS OF N-UNDECYLENOYL GLYCINE AND N-CAPRYLOYL GLYCINE FOR PRESERVATION OF PERSONAL CARE PRODUCTS

(57) Abstract:

A process for manufacturing homogeneous blend of N-capryloyl glycine and N-undecylenoyl glycine in flake form is described. These lipidated glycines of the present invention are for preservation of personal care products like shampoos, body-washes, face washes, creams and lotions.

(22) Date of filing of Application :27/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: AN ECONOMICAL AGRICULTURAL GADGET

(51) International classification	:A01C 7/00, A01C 15/00	(71)Name of Applicant: 1)Namdeo Radhekrushn Annerao Address of Applicant:Post Pimpalner, 499-2 Kasar galli, Taluka Beed, District Beed Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Namdeo Radhekrushn Annerao
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 multi-action, low maintenance and low cost agricultural gadget, comprising a fuel driven engine having a fuel tank and an engine shaft, a pair of serrated wheels having several lugs, a transmission arrangement with a fulcrum based connecting rod for engaging and disengaging the transmission of power and a plurality of modular implements, mounted on an economical chassis. A seed sowing assembly with a seed flow control having a seed hopper, a mono funnel having a slit in its exit way, an adjustable strip passing through the slit, a multi funnel, having multiple openings facilitates continuous and simultaneous sowing of seeds immediately after the ridges are made, obviating the need of deploying another person or of using a separate seed planter instrument or machinery. The chassis is fabricated by welding together the cut lengths of standard iron channels and or iron angles.

(22) Date of filing of Application :23/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: ROBUST OBJECT TRACKING IN A SURVEILLANCE SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	G06T 7/00 :NA :NA :NA	(71)Name of Applicant: 1)Dr. Milind M. Mushrif Address of Applicant: Professor E & TC Department, Yashvantrao Chavan College of Engineering, Hingana Road, Wanadongari, Nagpur441110 Maharashtra India
(86) International Application No Filing Date	:NA :NA	2)Prof. Nandini Kanhaiyalal Bhandari (72)Name of Inventor :
(87) International Publication No	: NA	1)Dr. Milind M. Mushrif
(61) Patent of Addition to Application Number	:NA	2)Prof. Nandini Kanhaiyalal Bhandari
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Present invention provides a new robust tracking system to track a moving object based on wavelet and particle filter. Multi scale two dimensional wavelet transform is used to find approximate and detailed information of object. Particle filter is used to build an effective subspace for the object. Depending on the objects information obtained by particle filter in the previous frame, its location in the current frame is predicted. The location of the object is updated depending on similarity between object model and object region in the current frame. The sum of square distance is used to measure the similarity. Following invention is described in detail with the help of figure 3 of sheet 3 showing Flowchart of object tracking method.

(22) Date of filing of Application :05/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: AN IMPROVED CERAMIC COATED PRESSURE COOKER

(51) International classification	27/00, A47J	1)Name of Applicant: 1)M/s HAWKINS COOKERS LIMITED Address of Applicant: MAKER TOWER, F-101, CUFFE ARADE, P.O. BOX 16083, MUMBAI-400 005, India
(31) Priority Document No		aharashtra India
(32) Priority Date	:NA (72	2)Name of Inventor:
(33) Name of priority country	:NA 1)JAYANTA CHAKRABARTI
(86) International Application No	:NA	,
Filing Date	:NA	
(87) 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 pressure cooker is made with inside surface being Aluminium. The outside bottom surface is ceramic coated in black colour or any other dark colour. The outer surface of the cooker is coloured ceramic coated. A groove (2) is cut to create a line of demarcation between the two colours. A metallic rim is cut on the oval mouth of the cooker produced by cutting (2-12) degree inclined part of the oval mouth uniformly between a width of 1mm to 5mm for preventing ceramic coating to extend up to edge of the oval mouth eventually producing chipping off of the ceramic coating during insertion and removal of the cooker lid and stirring of food inside with a ladle.

(21) Application No.4087/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :28/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : SECTOR SHAPED TUBULAR 4-CORE CABLE CRIMPING LUGS, CABLE CONNECTORS AND DIES FOR CRIMPING SUCH LUGS AND CONNECTORS

(51) International classification	:H01R43/042	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAYANTIBHAI SHANKARBHAI PATEL
(32) Priority Date	:NA	Address of Applicant :1st FLOOR, SATGURU INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, OFF. AARREY ROAD, GOREGAON (EAST),
(86) International Application No	:NA	MUMBAI-400 063, MAHARASHTRA, INDIA Maharashtra
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JAYANTIBHAI SHANKARBHAI PATEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tubular cable crimping lug(figure-1) for 4-core sector shaped cable conductor which has a flat palm portion (G+H), said palm (G+H) being provided with a hole (E) for fixing the crimping lug through a bolt. The crimping lug (figure 1) has an integral elongated tubular barrel portion (B) positioned below the palm portion. The tubular barrel portion (B) is provided with a sector shaped cross section defined by six radii (R1, R2, R3,R4, R5 and R6) guided by the relevant standards applicable to cable cores.

(22) Date of filing of Application :09/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM FOR RECOVERING ENERGY FROM ENGINE.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F02B33/44, F02D23/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)NANDANSHRI SHRIPRAKASH BAGADI Address of Applicant: S. L. BAGADI & CO., 206- SOMSHANKAR CHAMBERS, OPP. CITY PRIDE, SATARA ROAD, PUNE-411 009, MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NANDANSHRI SHRIPRAKASH BAGADI
(61) Patent of Addition to Application Number	:NA	2)SAURABH RAGHUNATH KOTKAR
Filing Date	:NA	3)GIRISH NARAYAN KOTWAL
(62) Divisional to Application Number	:NA	4)PRANAV DHANANJAY GHODKE
Filing Date	:NA	

(57) Abstract:

Disclosed is a system for recovering energy from engine. The system comprises a driver pulley coupled to a first alternator pulley of the internal combustion engine of the vehicle. The system further comprises a driven pulley coupled to the driver pulley by a belt. The driven pulley includes an idling driven pulley and a main driven pulley. The system furthermore comprises a shifter fork hooked to the belt at one end and to a solenoid at the other end. Specifically, the solenoid pushes and pulls the shifter fork upon receiving input thereby shifting the belt from the idling driven pulley to the main driven pulley. The system also comprises a second alternator coupled to the main driven pulley of the driven pulley and an electronic circuit. The electronic circuit is activated when the throttle pedal is fully depressed and/or the brake pedal is slightly pressed, thereby providing input to the solenoid and the shifter fork for shifting the belt to the main driven pulley, and the second alternator connected to the main driven pulley starts rotating and produces electricity. Figure 1(b)

(22) Date of filing of Application :11/06/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR ENABLING A TRANSACTION BY EXTRACTION OF TRANSACTION DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	20/00 :NA :NA :NA	(71)Name of Applicant: 1)VIBHAV MADHUSUDAN KELKAR Address of Applicant: 205 Woodland Harmony, Kothurd, Pune, 411038, Maharashtra, India Maharashtra India (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)VIBHAV MADHUSUDAN KELKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The Invention generally relates to a system and method of executing a transaction using the said system by composing and sending a data packet by a communication channel to a transaction server or to a clearing house server. The invention in general may comprise a user device wherein various modules may be stored or installed in the memory in order to perform a fast and secure transaction. The source of information which may be required for the transaction may be in the form of means for the transaction data.

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: COUNTING DEVICE FOR DOMESTIC PRESSURE COOKER FOR HEARING IMPAIRED

	:A47J ((71)Name of Applicant : 1)Acharya Anil Ramchandra
(51) International classification	G10K	Address of Applicant : Associate Professor, Heat Transfer
	5/00	Laboratory, Mechanical Engineering Department, Govt. College
(31) Priority Document No	:NA	of Engineering, Karad 415124 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Acharya Anil Ramchandra
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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:

Present invention provides specially designed and developed system for hearing impaired people i.e. a domestic pressure cooker. The domestic pressure cooker need to be in observation to hear the sound of the whistling. Once the whistling sound is missed to hear, it would lead to undercooking or overcooking with quality degrade. Unfortunately the hearing impaired peoples could not hear the sound of the cooker whistle. Thus the present invention implements a device for the benefits of the deaf people. During the cooking process, the whistling unit gives steam with force which makes one strip to touch another one and this completes electric circuit and bulb glows indicating whistle occurrence. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the schematic circuit diagram of the proposed system.

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: EXPERIMENTAL SET UP FOR SINGLE BUBBLE DYNAMICS

	:G01N	(71)Name of Applicant:
(51) International classification	21/00,	1)Acharya Anil Ramchandra
	G01M10/00	
(31) Priority Document No	:NA	Laboratory, Mechanical Engineering Department, Govt. College
(32) Priority Date	:NA	of Engineering, Karad 415124 Maharashtra India
(33) Name of priority country	:NA	2)Pise Ashok Tukaram
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Acharya Anil Ramchandra
(87) International Publication No	: NA	2)Pise Ashok Tukaram
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention provides specially a novel instrument for enhanced heat transfer rate in single bubble boiling process. The present invention relates to a novel idea where nucleation sites of different cavities can be tested. A novel instrument allows researchers to observe dynamics of bubble be captured with high speed camera for further analysis. The bubble growth was recorded by camera operating at 520 frames per second. All experiments are conducted at atmospheric pressure. The dimensions of bubble are measured by counting the no. of pixels on symmetrical bubble image by using software which is open source software image J • . Following invention is described in detail with the help of Figure 1 of sheet 1 showing schematic diagram of single bubble dynamics experimental set-up.

(21) Application No.3886/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: PORTABLE POWER GENERATION 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 	:H02K7/18, H02N2/18 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)vinav bhatnagar Address of Applicant: Vinav Bhatnagar, Quarter no. 1-B, Type-4, Sector-6, Ordnance Factory Chanda, district Chandrapur, Maharashtra PIN CODE-442501 Maharashtra India (72)Name of Inventor: 1)vinav bhatnagar
(61) Patent of Addition to Application Number		
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The portable power generation system is a concept that leads to group of invention of multiple devices. The present invention provides a new concept for generating electric power also present invention provides a new system for generating power that can be used and installed anywhere. The present invention is comprised of different numbers of sets of motor- generator attached through gear transmission. The sets of motor- generator are arranged according to increasing order of their respective powers. Further the present invention provides different devices for obtaining different types of output (single phase, three phase and D.C.).

(21) Application No.3889/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: MEDICINE DISPENSER BOX FOR ADULTS

(51) International classification		(71)Name of Applicant :
(6 1) 11100111111111111111111111111111111	A61J 7/00	1)Acharya Anil Ramchandra
(31) Priority Document No	:NA	Address of Applicant :Associate Professor, Heat Transfer
(32) Priority Date	:NA	Laboratory, Mechanical Engineering Department, Govt. College
(33) Name of priority country	:NA	of Engineering, Karad 415124 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Acharya Anil Ramchandra
(87) 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:

Present invention provides specially designed and implementation of medicine dispenser box for adult. In our day to day life due to busy schedule people generally forget to consume the medicine on time. Usually they just not remember about the medicine especially the old age people. And if they missed the medicine or if get confused whether the medicine is taken or not then this may create a major issue to the health of the people. Hence it is needed to implement a medicinal box for such peoples to avoid the problem of remembering the medicine consumption. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the schematic diagram of the medicine dispenser box.

(21) Application No.5625/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: SAFETY-SHOE

(51) International classification	:A43B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.PALANISAMY SIVAPRAKASH
(32) Priority Date	:NA	Address of Applicant :6A, THANNEER PANDAL STREET,
(33) Name of priority country	:NA	BHARATHIAR UNIVERSITY POST, COIMBATORE - 641
(86) International Application No	:NA	046, Tamil Nadu India
Filing Date	:NA	2)DR.KANCHANA SIVAPRAKASH
(87) International Publication No	: NA	3)MR.SEBASTIAN JOSEPH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.PALANISAMY SIVAPRAKASH
(62) Divisional to Application Number	:NA	2)DR.SIVAPRAKASH KANCHANA
Filing Date	:NA	3)MR.SEBASTIAN JOSEPH

(57) Abstract:

A safety shoe, such as a rubber boot, has protective plates disposed to prevent the penetration of sharp objects into a wearers foot. A first rigid protective plate is embedded in the sole, and a second rigid protective plate is disposed to cover an inside side portion of the instep. In combination, the plates prevent penetration of a sharp object into the wearers foot when the wearer steps on the object.

(21) Application No.5619/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : PARTIAL REPLACEMENT OF PLATINUM CATALYST USING NON-NOBLE FUNCTIONAL NANOPARTICLES PREPARED BY SONOCHEMICAL APPROACH

(51) T	DOLL	
(51) International classification	:B01J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE DIRECTOR, NITW
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, WARANGAL - 506 004, Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.SHIRISH H SONAWANE
(87) International Publication No	: NA	2)SURYAWANSHI PRASHANT LALCHAND
(61) Patent of Addition to Application Number	:NA	3)RAJESH KUMAR POLAGANI
Filing Date	:NA	4)DR.BHARAT BHANUDAS KALE
(62) Divisional to Application Number	:NA	5)DR.MILIND V KULKARNI
Filing Date	:NA	

(57) Abstract:

The invention claims about preparation of non-noble catalyst using ultrasound assisted method. The method claims about uniform dispersion of non-noble catalyst into platinum catalyst. This method also reports about use of combination of non-noble catalyst with platinum catalyst into fuel cell application. This method also claims about the partial replacement of the platinum catalyst using low cost non-noble catalyst.

(21) Application No.5292/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: MICROBIALCREAT COMPOSITE

(57) Abstract:

Worldwide, most of research is currently being conducted concerning the use of microbes for repair and strengthening of the building materials. In this research innovative ecofriendly cement mortars are invented with help of Enterobacter microbes. To make Microbial Crete Composite the naturally available microbe is used. Microbial Crete compost cement mortar gives good strength and durability than conventional building cement mortars. An experimental investigation has been carried out to study the compressive strength, tensile strength, water sorptivity coefficient, water absorption, acid attack and rapid chloride ion penetration. The result shows that Microbial Crete Composite cement mortar specimen shows much better performance compared to conventional specimen. So the Microbial Crete Composite cement mortar has the potential for the large scale use in construction industry such as to enhance stability of nuclear power reactor, medical storage structures, retaining walls, embankments and dams, increasing the resistance to petroleum borehole degradation during drilling and extraction, controlling erosion in coastal areas and rivers, increasing the bearing capacity of piled or non- piled foundation and treating pavement surface.

(21) Application No.5874/CHENP/2015 A

(19) INDIA

(22) Date of filing of Application :28/09/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELECTROMAGNETIC RELAY

(51) International classification	:H01H50/16	(71)Name of Applicant:
(31) Priority Document No	:2013089831	1)OMRON CORPORATION
(32) Priority Date	:22/04/2013	Address of Applicant :801 Minamifudodo cho
(33) Name of priority country	:Japan	Horikawahigashiiru Shiokoji dori Shimogyo ku Kyoto shi Kyoto
(86) International Application No	:PCT/JP2013/070803	6008530 Japan
Filing Date	:31/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/174694	1)SHIMODA Seiki
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an electromagnetic relay (100) provided with excellent wear resistance corrosion resistance and magnetic properties. This electromagnetic relay (100) is provided with a magnetic component provided with an alloy layer formed by diffusing and permeating at least one element selected from a group comprising chromium vanadium titanium aluminum and silicon on a surface. The thickness of the alloy layer is $5 \mu m$ to $60 \mu m$.

(21) Application No.4870/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : AN ADVANCED SAFETY CONTROLLER SYSTEM AND METHOD FOR TWO WHEELED MOTOR VEHICLE

(51) International allowing and the second	FIGH	(71)Name of Ameliana
(51) International classification	:F16H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHUNDURU PAVAN KUMAR
(32) Priority Date	:NA	Address of Applicant :Gokavaram(v), Kalluru(m),
(33) Name of priority country	:NA	khammam(d). Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHUNDURU PAVAN KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A side stand with cut-off button for a two wheeled geared type motor vehicle, comprising an ignition cut-off coil, iron supporting plate, a leg portion and a foot portion, a iron supporting plate at the side portion of the side stand, a safety controller with an switch the mounting at iron supporting plate which is pivotally mounted on to a side section of the two wheeled gear type motor vehicle body enabling it to rotate to either a housing position or an identifying position of side stand is disclosed. A safety controller provided with an switch placed at the beside of side stand of motorcycle and it detects change in position of side stand, if it is in up right angle state then the motor cycle runs smoothly or if it is in straight position or it is touching the ground then it interrupts the movement of motor vehicle is disclosed.

(21) Application No.5620/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : A METHOD TO FULLY INTEGRATE MULTI-LAYER WOVEN ELECTRO-TEXTILE PATCH ANTENNA

(51) International classification	:D03D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MALATHI KANAGASABAI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRONICS
(33) Name of priority country	:NA	AND COMMUNICATION ENGINEERING, ANNA
(86) International Application No	:NA	UNIVERSITY, CHENNAI - 600 025, Tamil Nadu India
Filing Date	:NA	2)ESTHER FLORENCE S
(87) International Publication No	: NA	3)VIMAL SAMSINGH R
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MALATHI KANAGASABAI
(62) Divisional to Application Number	:NA	2)ESTHER FLORENCE S
Filing Date	:NA	3)VIMAL SAMSINGH R

(57) Abstract:

The present invention provides a design and prototype development of a conformal wearable textile antenna for on-body communication. The said antenna works at a frequency of 2.16GHz 3G cellular frequency band. The built prototype resonated at 2.15 GHz with a |Sn| of-15.06 dB. The antenna is made using multi layer weaving and using any fabric material more specifically cotton fabric as the substrate. A four layer or plurality of layer weaving is possible to produce plurality of layers of plurality of materials for the textile antenna (conductor-dielectric -conductor). Moreover, the totally integrated textile antenna eliminates the need for positioning and fastening of the components. The present invention provides integration of the antenna with the conductive breathable fabric. Also, the said invention employs completely conductive threads as the weft thread.

(21) Application No.5621/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : A METHOD AND DEVICE FOR A PASSIVE RECONFIGURABLE FREQUENCY SELECTIVE SURFACE

(51) International classification	:H01Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MALATHI KANAGASABAI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELELCTRONICS
(33) Name of priority country	:NA	AND COMMUNICATION ENGINEERING, ANNA
(86) International Application No	:NA	UNIVERSITY, CHENNAI - 600 025, Tamil Nadu India
Filing Date	:NA	2)S.RAMPRABHU
(87) International Publication No	: NA	3)M.BALAJI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MALATHI KANAGASABAI
(62) Divisional to Application Number	:NA	2)S.RAMPRABHU
Filing Date	:NA	3)M.BALAJI

(57) Abstract:

The present invention deals with the design and prototype development of a reconfigurable FSS. A prototype of the reconfigurable FSS consisting of 15 identical array of unit cells each containing 20 elements is developed. The unit cell of the proposed RFSS contains a pair of shorted square loops separated by a uniform distance. Frequency tunability of the proposed RFSS is achieved by varying the vertical gap between the rows mechanically. The present invention provides wide band tuning of the frequency response with its simpler and thin FSS geometry. The FSS offers 20dB attenuation over a wide range from 3.3 GHz to 9.6 GHz. The major contribution of the invention is the design of the RFSSs which involves the displacement of adjacent cells to achieve re-configurability rather than the use of active devices as in the conventional RFSSs

(21) Application No.5793/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :18/11/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: AN APPARATUS FOR BOOSTING VOLTAGE

(51) International classification	:H02M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Lawrence Sanjay. X
(32) Priority Date	:NA	Address of Applicant :No. 15, Kongu Nagar, third street,
(33) Name of priority country	:NA	Kalveerampalayam, Coimbatore. Tamil Nadu India
(86) International Application No	:NA	2)P. Dhamotharan
Filing Date	:NA	3)Mohan Kumaravel.P
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Lawrence Sanjay. X
Filing Date	:NA	2)P. Dhamotharan
(62) Divisional to Application Number	:NA	3)Mohan Kumaravel.P
Filing Date	:NA	

(57) Abstract:

The present invention relates to an apparatus for boosting voltage and particularly to an apparatus for boosting voltage which multiplies any source of power like alternating current [AC] or direct current [DC] to electrical energy appliances. More particularly, the present invention relates to an apparatus for boosting voltage to operate loads such as three phase or single phase loads using minimal power input from the source and thus provide energy saving

(22) Date of filing of Application :22/03/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : ANGULOMETER FOR MEASURING / MONITORING DYNAMIC / STATIC ANGLE OF REPOSE 0 OF MATERIAL

(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)Gayathri Vishwanath Patil Address of Applicant: D/o Shri. Vishwanath Baburao Patil, H. No. 8-9-572, Behind State Bank of India, Udgir Road, Bidar Karnataka 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)Gayathri Vishwanath Patil 2)Sujata Kumari Dass 3)Joginder Kishanchad Lalla

(57) Abstract:

This invention relates to simple, accurate, direct measurement (without mathematical calculations) of dynamic (in motion) flow angle of repose (D) or static (at rest, after the movement is stopped) flow angle of repose (S) of material using Circular Dial Degree Scale (CDDS). The flow angle of repose is used to characterize equilibrium cohesive / adhesive forces existing between the particles / material. The material under study is taken in a rotating drum / cylinder, with optically transparent /translucent lids; driven with suitable means at controlled speed. From one end of the drum, light is allowed to pass and the formed by the bed of material is determined at the other end by measuring the coinciding angle made by the Circularly Movable Pointer (CMP) with the light and dark zone formed, read directly on CDDS, which is D or S when measured in motion or at rest, respectively. When the initial height of the bed is adjusted to zero degrees using vertical movement of Horizontal Reference Scale (HRS), then both D or S can be measured independent of fill volume (within considerable limits i.e., 30 - 70 % drum capacity). Application of Digital Laser Angle Finder to angle measurements and estimation of torque during the dynamic angle measurement process is used to determine the yield value extrapolated to scale up process.

(21) Application No.3495/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MANAGING ENTERPRISE USER GROUP

(51) International classification (31) Priority Document No	:G06R :NA	(71)Name of Applicant: 1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHISHIR KUMAR
(87) International Publication No	: NA	2)JAYAKUMAR PANICKER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to an exemplary embodiment, a method for generating an enterprise user group is provided. The method may include receiving a set of attributes for an enterprise network user; receiving one or more enterprise group member identification rules including a similarity distance threshold and a set of target attributes; calculating, using a hardware processor, a similarity assessment score based on the set of target attributes and the set of attributes; and determining, using the hardware processor, whether the enterprise network user is an enterprise group member based on the similarity assessment score and the similarity distance threshold. FIG. 3

(21) Application No.5000/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: PERFUMED ORNAMENTS

(51) International classification	:A61L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANTONY LOUIS
(32) Priority Date	:NA	Address of Applicant :71/1465, FR. JEROME ROAD,
(33) Name of priority country	:NA	VADUTHALA, KOCHI - 682 023, Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANTONY LOUIS
(87) 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:

People wearing these ornaments can take part in festivals, weddings and any other gatherings with a sweet aroma or fragrance from the ornaments. Safe, as it does not touch the skin of the person (safe for people allergic to scents on skin), prevents wastage of expensive scents from spraying and is echo friendly as it does hot harm the ozone layer.

(22) Date of filing of Application :05/02/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR AUTHENTICATING ACCESS

(51) X	00.00	
(51) International classification	:G06S	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARNAB GANGULY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present disclosure disclose a method for authenticating access. The method comprises receiving a touch input from a user, where the touch input comprises selection of one or more nodes of a plurality of nodes displayed on a user interface of the system and sequence of selection of the one or more nodes. Then, method comprises determining an intensity of touch pressure on each of the selected one or more nodes. Next, the received touch input with a predefined touch input and the intensity of the touch pressure on each of the selected one or more nodes with corresponding predefined intensities of touch pressure is compared. Then, the method authenticates access to the system based on the comparison of the touch input and the comparison of the intensity of the touch pressure. FIGURE 5

(21) Application No.2180/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: HEATING SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)SANGHI SRI HARI RAO Address of Applicant:#10(1/3), MUTHANNA GARDEN, WARD NO.70, SHANTI NAGAR, 11TH CROSS, ANEPALYA,
(86) International Application No Filing Date	:NA :NA	NEAR MUTHUMARIAMMAN TEMPLE, BANGALORE - 560 030 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SANGHI SRI HARI RAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT Heating system is one or more embodiment which includes a single or multiple chambers encased in a metal case like a chamber where gas mixed with oxygen moves upward and burns above a porous material producing intense heated air. It has application for central heating, room heating, boilers, steamers, paint booths, dehumidifier, fumigation, iron box, sterilization of medical equipment, wide range in cooking from any direction, etc.

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : INTEGRATED BIOREACTOR FOR EFFECTIVE BIOREMEDIATION OF SEWAGE POLLUTED WATER

(51) International classification(31) Priority Document No	:C02F :NA	(71)Name of Applicant: 1)AMET UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :135 East Coast Road, Kanathur 603
(33) Name of priority country (86) International Application No	:NA :NA	112. Tel: 044-27472155 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor : 1)M. Jayaprakashvel
(87) International Publication No	: NA	1)111. Sayapianasiivei
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Mixing of untreated or treated sewage water into natural water bodies create heavy damage to the environment and public health. Water bodies contaminated with sewage are the most disturbed ecosystems due to anthropogenic activities such as release of heavy metals, organic pollutants and pharmaceuticals as well as faecal and pathogenic microorganisms, which coexist with the indigenous microbial population. Management practices are necessary not only to make use of these polluted water bodies but also to prevent the health and environmental hazards from them. This invention discloses a bioreactor for effective bioremediation of polluted water, that is sustainable and environment friendly.

(21) Application No.1190/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :11/03/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: ACCURATE WRITING DEVICE FOR ALL TOUCH SCREEN MOBILE AND TABLET COMPUTER

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BOOBATHI KANNAN. K
(32) Priority Date	:NA	Address of Applicant :B-BLOCK, F-6, RAJINI
(33) Name of priority country	:NA	APPARTMENTS, SAVADI STREET, KORATTUR, CHENNAI-
(86) International Application No	:NA	600080 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BOOBATHI KANNAN. K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An accurate writing device contains a combination of paper writing apparatus and an electrically conductive input apparatus. Specifically, the present invention contains electrically conductive input apparatus at one end 7 with the flat metal tip 1 made of conductive material. The said tip 1 has working area 2 secured to it which facilitates the smooth and accurate writing or drawing on the capacitance touch screen facilitated gadgets. The tip 1 with the neck portion 3 is adjustable at desired angles for easy sensing and working of the device. The present invention has paper writing device at its one end 8 with the detachable writing instrument. The present invention can be produced easy at low cost.

(21) Application No.4307/CHE/2015 A

(19) INDIA

(22) Date of filing of Application: 17/08/2015 (43) Publication Date: 06/11/2015

(54) Title of the invention : 2,3,5 TRISUBSTITUTED PYRROLE DERIVATIVES AS TOPOISOMERASE INHIBITORS AND THERAPEUTIC USES THEREOF •

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)University of Mysore
(32) Priority Date	:NA	Address of Applicant :University of Mysore Crawford Hall
(33) Name of priority country	:NA	Mysuru Karnataka 570005 INDIA Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HANUMAPPA ANANDA
(87) International Publication No	: NA	2)KOTHANAHALLY S. SHARATH KUMAR
(61) Patent of Addition to Application Number	:NA	3)MAHESH HEGDE
Filing Date	:NA	4)SATHEES C. RAGHAVAN
(62) Divisional to Application Number	:NA	5)KANCHUGARAKOPPAL S. RANGAPPA
Filing Date	:NA	

(57) Abstract:

The compounds of Formula (1) having topoisomerase inhibitory effect includes wherein, R1 is selected from a group consisting of H, OR5, optionally substituted C1-C12 alkyl, haloalkyl, C2-C12alkenyl, C2-C12alkynyl, C1-C12alkyloxy, C1-C12haloalkyloxy, C2-C10 heteroalkyl, C3-C12 cycloalkyl, C3-C12cycloalkenyl, C2-C12heterocycloalkyl, C2-C2 heterocycloalkenyl, C6-C18aryl, and C1-C18heteroaryl; R2, R3 and R4 are independently selected from a group consisting of H, halogen, CN, -NO2, SH, CF3, OH, CO2H, CONH2, OCF3, optionally substituted C1-C12alkyl, optionally substituted C1-C12haloalkyl optionally substituted C2-C12alkenyl, optionally substituted C2-C12alkynyl, optionally substituted C1-C12haloalkyloxy, optionally substituted C3-C12 cycloalkenyl, optionally substituted C2-C12 heterocycloalkyl, optionally substituted C3-C12 heterocycloalkyl, optionally substituted C6-C18aryl, and optionally substituted C1-C12 haloalkyl, optionally substituted C1-C12alkenyl, optionally substituted C1-C12 haloalkyl, optionally substituted C3-C12cycloalkyl, optionally substituted C6-C18aryl, and optionally substituted C1-C12 haloalkyl, optionally substituted C3-C12cycloalkyl, optionally substituted C6-C18aryl, and optionally substituted C1-C12haloalkyl, optionally substituted C6-C18aryl, and optionally substituted C1-C12haloalkyl, optionally substituted C6-C18aryl, and optionally substituted C1-C18heteroaryl; or a pharmaceutically acceptable salt, N-oxide, or prodrug thereof.

(21) Application No.5675/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING A REPORT IN REALTIME FROM A RESOURCE MANAGEMENT SYSTEM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARJUN KUMAR RAO
(87) International Publication No	: NA	2)KARTHIK KUMAR
(61) Patent of Addition to Application Number	:NA	3)NAGADHILIPAN DHAKSHINAMOORTHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure relates generally to resource management system, and more particularly to a system and method for generating a report in real-time from a resource management system. In one embodiment, a method is provided for generating a report from a resource management system. The method comprises receiving a plurality of parameters related to the report from a user, identifying a required data from the resource management system based on the plurality of parameters using a machine learning algorithm, extracting a refined data from the resource management system based on the required data using a data mining algorithm, and generating a report in real-time based on the refined data. Figure 4

(21) Application No.3990/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :28/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONDUCTIVE SHEET AND TOUCH 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 	:G06F :2011276069 :16/12/2011 :Japan :PCT/JP2012/082030 :11/12/2012 :WO 2013/089085 :NA :NA	(71)Name of Applicant: 1)FUJIFILM CORPORATION Address of Applicant: 26 30 Nishiazabu 2 chome Minato ku Tokyo 1068620 Japan (72)Name of Inventor: 1)NAKAMURA Hiroshige
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are a conductive sheet and a touch panel that do not lose visibility in the vicinity of an electrode terminal in a sensing region. In the conductive sheet $(12A\ (12B))$ having an electrode pattern (16A(16B)) configured using fine metal lines and an electrode terminal (60A(60B)) electrically connected to an end section of the electrode pattern (16A(16B)) the transmittance of the electrode pattern (16A(16B)) is at least 83% and the transmittance of the electrode terminal (60A(60B)) is $(a\ 20)\%$ $(a\ 3)\%$ when the transmittance of the electrode pattern (16A(16B)) is expressed as a%.

(21) Application No.5666/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: ARTICLE HOLDING DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)JITHN BABU Address of Applicant:PACHAYIL (H), KALLARAKADAVU, PATHANAMTHITTA Kerala India
(86) International Application No	:NA	2)K. ARAVIND MENON
Filing Date (87) International Publication No	:NA : NA	3)JAISHNU PADMAN (72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JITHN BABU
Filing Date	:NA	2)K. ARAVIND MENON
(62) Divisional to Application Number	:NA	3)JAISHNU PADMAN
Filing Date	:NA	

(57) Abstract:

ARTICLE HOLDING DEVICE An article holding device is disclosed. The device includes an elongated telescopic tube member having a first end portion and a second end portion opposite to the first end portion; a bracketing mechanism provided at the first end portion of the elongated telescopic tube member; a holding assembly movably associated with the bracketing mechanism, the holding assembly comprising, a base plate, and a set of movable grippers extending from the base plate through the bracketing mechanism, a cable passing through the elongated telescopic tube member, the cable having a first end portion and a second end portion, the first end portion of the cable being engaged with the base plate, and; a spindle provided at the second end portion of the elongated telescopic tube member, the second end portion of the cable being connected to the spindle.

(21) Application No.5627/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: SAFETY NET ARRANGEMENT FOR MULTI FLOOR BUILDINGS UNDER CONSTRUCTION

(51) International classification (31) Priority Document No	:E04G :NA	(71)Name of Applicant: 1)DR.GOVINDARAJALU ELANGOVAN
(32) Priority Date	:NA	Address of Applicant :NO 329, HIG-II TAMIL UNIVERSITY
(33) Name of priority country	:NA	QUARTERS STOP MEDICAL COLLEGE ROAD
(86) International Application No	:NA	THANJAVUR - 10, Tamil Nadu India
Filing Date	:NA	2)DR.PALANISAMY SIVAPRAKASH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.GOVINDARAJALU ELANGOVAN
Filing Date	:NA	2)DR.PALANISAMY SIVAPRAKASH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention of a safety net arrangement for protecting workmen and passersby from injury during the construction of a multi floor building includes a lifting mechanism that automatically adjusts the location or height of the safety net when activated. The lifting mechanism is secured to an upper floor of the building and comprises a lifting device and a lifting cable. The lifting cable is attached to the safety net system. When the lifting device is activated, the safety net assembly system is raised or lowered to the desired height so that the perimeter of the building is protected.

(21) Application No.5629/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUTO COMPRESSED BIOGAS PLANT

(51) International classification	:B09B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR.SUJAN.C.K
(32) Priority Date	:NA	Address of Applicant :CHEMBANADATH HOUSE,
(33) Name of priority country	:NA	CHANDAPURA WEST KODANGALLUR - 680 664,
(86) International Application No	:NA	THRISSUR DISTRICT, Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR.SUJAN.C.K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention as to AUTO COMPRESSED BIOGAS PLANT pertains to a process where it involves systems and methods for the purpose of automatically compressing the biogas. The . method is intended to convert the wastes (domestic /commercial) into biogas. The brief methodology involved in the above process is by crushing the waste attached to the plant and through the crushed waste unit, the wastes travel to a tank through a valve. It is in this tank where compression commences and the slurry enters into storing tank and the slurry contained therein comes out through a pipe. This is when the biogas is generated and the pressure can be adjusted as required. This can be utilized in consumption of domestic gas as well. Besides the above the unit can be installed in \ parallel manner in power stations too. With the aforesaid operation and wide utility elaborated in the detailed specification, the unit involves simple procedure in its operation and maintenance.

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A MULTI UTILITY FRONT AXLE WITH ADJUSTABLE WHEEL BASE FOR TRACTOR

:B62J	(71)Name of Applicant :
:NA	1)S. SUNDAR VIKASH
:NA	Address of Applicant :NO. 4/12, KANCHI NATARAJAN
:NA	STREET, VASUDEVAN NAGAR, JAFFERKHANPET,
:NA	CHENNAI - 600 083 Tamil Nadu India
:NA	(72)Name of Inventor:
: NA	1)S. SUNDAR VIKASH
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

A Multi utility front axle with adjustable wheel base for tractor characterized in that, it comprises 1) at least one Front axle beam that is divided in to two equal Axle beam extensions that communicates with the spindle shaft at one end and are provided at their divided ends with adjustable slot mounting plates with the dual possibility of being either directly mounted to the engine sump as the first embodiment or to a center pivot beam as alternative embodiment, for adjustment of its position by which wheel base can be increased or decreased as required by the operator depending upon the farm application, 2) an Adjustable two piece drag link that is disposed on a spindle arm and 3) a spindle assembly consisting of a spindle arm with the toe in and out setting mark, which is marked in line with spindle shaft that encompasses linear motion bearing and kingpin shaft assembled vertically inside the spindle shaft and the spindle shaft communicates with the compression coil spring and a ball bearing is fitted after the compression coil spring as aligned in the first embodiment and a regular spindle assembly and kingpin shaft arrangement is provided for the alternative embodiment.

(21) Application No.5517/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: DENTAL OCCLUSAL RIM FORMER

(51) International classification	:A61C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M.VIJAY ANAND
(32) Priority Date	:NA	Address of Applicant :NO. 9, CHITRA AVENUE, DOOR
(33) Name of priority country	:NA	402, SRUTHI BLOCK CHOOLAIMEDU, CHENNAI - 600 094,
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)M.VIJAY ANAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Novel Dental occlusal rim former which has Maxillary and Mandibular front labial portion and back lingual portions respectively. The front labial portion and back lingual portion is designed as a chamber or cavity provided with plurity of bends and grooves with specific height and width on its inner surfaces. Both the front labial and back lingual portions are fixed to the related Maxillary and mandibular dental casts and wax is filled over the denture bases pre fabricated. After cooling time both front and back portions removed and the wax occlusal rims are formed over denture bases.

(22) Date of filing of Application :20/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : AN APPARATUS AND A METHOD FOR THE BIOTRANSFORMATION OF THE DOMESTIC VEGETABLE SCRAP INTO MANURE COMPOST

		(71)Name of Applicant:
(51) International classification	:C05F	1)PROF.SRIRAMA KRUPANIDHI
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF
(32) Priority Date	:NA	BIOTECHNOLOGY, VFSTR UNIVERSITY, VADLAMUDI,
(33) Name of priority country	:NA	522 213, Andhra Pradesh India
(86) International Application No	:NA	2)MS.JAMPALA HARSHITHA
Filing Date	:NA	3)DR.SUNIL KUMAR
(87) International Publication No	: NA	4)PROF.JONATHAN WONG
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF. SRIRAMA KRUPANIDHI
(62) Divisional to Application Number	:NA	2)MS.JAMPALA HARSHITHA
Filing Date	:NA	3)DR.SUNIL KUMAR
-		4)PROF.JONATHAN WONG

(57) Abstract:

The need to create awareness among the urban population to use home composters is felt. The composition of the kitchen waste is found to be rich in organics and accessible for biotransformation. The indoor apparatus projected is designed for recycling domestic vegetable scrap (VS) meets the requirements. The defined composting process control parameters employed in this device are presented. Uniquely, the indoor device represented here is an innovative design with double compartments stratified vertically with an aesthetic appeal as a recycling bin due to the inclusion of dish-plantation. The physico-chemical features of the derived compost revealed the presence of rich minerals required for plant growth. Fig.1

(22) Date of filing of Application :20/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: DUAL SECURITY PAD LOCK

		(71)Name of Applicant:
(51) International classification	:E05B	1)DR.SRIKANTHKORLA
(31) Priority Document No	:NA	Address of Applicant :C 6/1, NIT STAFF QUARTERS,
(32) Priority Date	:NA	NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL,
(33) Name of priority country	:NA	WARANGAL - 506 004, Telangana India
(86) International Application No	:NA	2)AKASH PAIDALWAR
Filing Date	:NA	3)SHUBHAMAWASTHI
(87) International Publication No	: NA	4)SAUMYAGARWAL
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.SRIKANTHKORLA
(62) Divisional to Application Number	:NA	2)AKASHPAIDALWAR
Filing Date	:NA	3)SHUBHAMAWASTHI
		4)SAUMYAGARWAL

(57) Abstract:

At present in the market there are many types of padlocks available including combination as well as the keyed locks with some advantages and disadvantages. There are some limitations with existing locks like difficulty to maintain keys, to keep correct combination confidential for long. These limitations are addressed in this newly invented device called Dual Security Padlock. This device consists of a shackle that may be passed through an opening such as chain link or hasp staple to protect against unauthorized use, theft, vandalism or harm; two catches for restricting the shackle movement during the locked state; a lever which facilitate the user to decide whether to engage both the catches or either of them i.e. to decide the locking mode viz. key, combination or both.

No. of Pages: 20 No. of Claims: 1

(22) Date of filing of Application :01/09/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: CIRCUIT SWITCHED FALLBACK DELAY MITIGATION

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SPREADTRUM COMMUNICATIONS (SHANGHAI)
(32) Priority Date	:NA	CO. LTD.
(33) Name of priority country	:NA	Address of Applicant :Spreadtrum Center Building No.1 Lane
(86) International Application No	:PCT/CN2013/086282	2288 Zuchongzhi Road Zhangjiang High tech Park Pudongxinqu
Filing Date	:31/10/2013	District Shanghai 201203 China
(87) International Publication No	:WO 2015/062007	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)JIANG Zhenxin
Number	:NA	2)GAO Xichun
Filing Date	.11/11	3)HAN Wei
(62) Divisional to Application Number	:NA	4)CHEN Xianliang
Filing Date	:NA	

(57) Abstract:

System and methods for mitigating circuit switched fallback delay. A user equipment may initiate connection of the user equipment to a packet switched network. A request may be sent by the user equipment to the packet switched network to access a circuit switched service. A timer may be started to determine elapsed duration between sending the request and receiving a response from the packet switched network that confirms resource allocation to access the circuit switched service. The user equipment may select in response to timer expiration indicating absence of response to the request a particular algorithm when implemented initiates connection of the user equipment to a particular circuit switched network to access the circuit switched service.

No. of Pages: 30 No. of Claims: 21

(22) Date of filing of Application :20/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: A ORAL COMPOSITION DENTIFRICE VOID OF CHEMICALS

	:A61	(71)Name of Applicant :
(51) International classification	K	1)DR.N.S.SAMPATH KUMAR
	36/00	Address of Applicant :DEPARTMENT OF
(31) Priority Document No	:NA	BIOTECHNOLOGY, VFSTR UNIVERSITY, VADLAMUDI,
(32) Priority Date	:NA	Andhra Pradesh India
(33) Name of priority country	:NA	2)MS.SHAIK SHAHEENA
(86) International Application No	:NA	3)DR.D.VIJAYA RAMU
Filing Date	:NA	4)DR.S.KRUPANIDHI
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.N.S.SAMPATH KUMAR
Filing Date	:NA	2)MS.SHAIK SHAHEENA
(62) Divisional to Application Number	:NA	3)DR.D.VIJAYA RAMU
Filing Date	:NA	4)DR.S.KRUPANIDHI

(57) Abstract:

An oral composition void of chemicals for applying in contact with the teeth as a dentifrice to eliminate the bacterial and fungal growth comprises 200% by weight of Acacia arabica gum powder, 100% by weight of Stevia herb powder, 100% by weight of guava leaf powder, 25% by weight of sea salt, 100% by weight of extra virgin coconut oil or 50% by weight of cold pressed extra virgin coconut oil, 7-8 drops of peppermint oil and 4-5 ml of purified and filtered water. Further the method of preparation of the oral composition void of chemicals for applying in contact with the teeth as a dentifrice to eliminate the bacterial and fungi growth comprises the steps of obtaining the pre-determined quantity of extra virgin coconut oil from the coconut milk through the freshly grated coconut, admixing the pre-determined quantity by weight of processed fresh guava leaves powder, introducing the freshly processed Acacia arabica gum powder to the said admixture at requisite quantity, administering the peppermint essential oil to the said composition at the rate of 7-8 drops, generating a natural sweetened nature to the said composition by admixing the stevia herb powder and preparing the mortar paste composition by the introduction, of purified and filtered water and mineral sea salt to the said admixture.

No. of Pages: 23 No. of Claims: 8

(21) Application No.5464/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : A NOVEL INFRARED THERMOGRAPHY METHOD FOR QUANTIFICATION, CHARACTERIZATION AND ANALYSIS FOR REBAR CORROSION OF MARINE STRUCTURES

(51) International classification (31) Priority Document No	:G01N :NA	(71)Name of Applicant: 1)AMET UNIVERSITY
(32) Priority Date	:NA	Address of Applicant: 135 East Coast Road, Kanathur 603
(33) Name of priority country	:NA	112. Tel : 044-27472155 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Prof. G.Kannan
(87) International Publication No	: NA	2)Dr. N.Manoharan
(61) Patent of Addition to Application Number	:NA	3)Dr.B.Venkataraman
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Novel Infrared Thermography method for Quantification, characterization and Analysis for Rebar corrosion of Marine Structures The present invention is a non-destructive evaluation technique useful in marine applications. Lock-in-thermography using synergy of Infrared thermography, signal and image processing with iterative philosophical concept for quantification, characterization and measurement of rebar corrosion is disclosed.

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

(21) Application No.5465/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : REMOTE OPERATED UNDERWATER VEHICLE WITH ACOUSTIC POSITIONING SYSTEM FOR MEASUREMENT OF HULL THICKNESS OF SHIP

(51) International classification	∙R63R	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMET UNIVERSITY
(32) Priority Date	:NA	Address of Applicant: 135 East Coast Road, Kanathur 603
(33) Name of priority country	:NA	112. Tel: 044-27472155 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Prof. D.Immanuel Thiagarajan
(87) International Publication No	: NA	2)Dr. N.Manoharan
(61) Patent of Addition to Application Number	:NA	3)Prof. T.Mohan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a Remote operated vehicle for taking measurements of the hull plate thickness at a particular location by an acoustic positioning system.

No. of Pages: 10 No. of Claims: 1

(21) Application No.5455/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A NOVEL DOOR SYSTEM IN CARS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA	1)MEKAPOTULA DURGA REDDY Address of Applicant :DOOR NO: 31-901, BACK SIDE OF M.G.C. MARKET, VINUKONDA, GUNTUR DISTRICT - 522 647 Andhra Pradesh India (72)Name of Inventor: 1)MEKAPOTULA DURGA REDDY
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A door assembly for 4+1 seater and 7+1 seater cars and Blinkers that can Switch inspite of switching off the Ignition, the system ensures the safety of the driver/passengers getting off a car and unfortunate accidents can be avoided. Doors are expensive as they need two or more layers of metal sheets with inbuilt mechanism for locking, operation of glass etc., thus it brings down the cost by 10 to 15% in models when the door is eliminated and in the models wherein an additional door is added it provides additional comfort for the passenger while getting out from the car.

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

(22) Date of filing of Application :16/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONVERTING TWO WAY TRANSLATION MOTION INTO ONE WAY UTILIZABLE ROTARY MOTION

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DESIREDDY SHASHIDHAR REDDY
(32) Priority Date	:NA	Address of Applicant :C/o Desireddy Raghunath Reddy,
(33) Name of priority country	:NA	Mokshagundam (Post & Village), Bestavaripeta Mandal,
(86) International Application No	:NA	Prakasham District-523334, Andhra Pradesh, India. Andhra
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DESIREDDY SHASHIDHAR REDDY
Filing Date	:NA	2)ASHRAF ALI BAIG
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a system and method for converting two way translation motion into one way utilizable rotary motion, comprising a cylindrical shaft affixed on a base unit; a ratchet gear wheel configured on the cylindrical shaft, whereby the ratchet gear wheel is enclosed by a ring unit mounted on the base unit; at least two rack secured between the ratchet gear wheel and the ring unit, wherein the racks comprises a plurality of internal gear teeth, at least two handles configured on the racks, a cylindrical rod configured to operate the cylindrical shaft in rotary motion, wherein the cylindrical rod connected to the handles with at least four rigid links. The system further includes a gear box configured to increase the rotary motion of the cylindrical shaft, wherein the cylindrical shaft connected to a gear box input shaft.

No. of Pages: 17 No. of Claims: 9

(21) Application No.5574/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR AIR CONDITIONING WITH FRAGRANCE DISPERSION

(51) International classification	:F24F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RAGHAVENDRA REDDY SADALA
(32) Priority Date	:NA	Address of Applicant :H. No. 6-3-66, Shivarampally,
(33) Name of priority country	:NA	Rajendranagar (Mandal), Hyderabad-500052, Telangana, India.
(86) International Application No	:NA	Telangana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAGHAVENDRA REDDY SADALA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a system for air conditioning with fragrance dispersion. The system comprising a fragrance injection device configured to inject a fragrance liquid into a fragrance container secured in an air conditioning indoor unit, whereby the fragrance injection device connected to at least one motor. The system further comprises a compressor and an expansion valve connected to at least one evaporator configured in the air conditioning indoor unit and at least one condenser configured in an air conditioning outdoor unit.

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

(21) Application No.129/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :08/01/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: DI-STATE WATER IGNITION AND INJECTION ENGINE

:B65H	(71)Name of Applicant:
:NA	1)P.G. SOORATH
:NA	Address of Applicant :13-19/13-29 KIDANKANGARIVILAI,
:NA	PAZHAVILAI [P.O], KANYAKUMARI - 629501 Tamil Nadu
:NA	India
:NA	(72)Name of Inventor:
: NA	1)P.G. SOORATH
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The engine functioning in four stroke cycle mainly consists of the following operations of suction of air fuel mixture, compression of mixture, combustion and exhaust. In this cycle lot of energy is wasted in the form of heat. To avoid this waste and to increase the efficiency, this engine uses hydrogen and water as fuel.

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

(12)TATENT ATTECHTION TOBLICATION

(22) Date of filing of Application :15/10/2015

(21) Application No.5527/CHE/2015 A

(43) Publication Date: 06/11/2015

(54) Title of the invention: A NOVEL COMPOUND DMNDC, AN PPARY AGONIST AND PROCESS FOR PREPARING THE COMPOUND HAVING ELECTROCHEMICAL, ANTIHYPOGLYCEMIC, FREE RADICAL SCAVENGING WITH ANTIMICROBIAL PROPERTIES

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHINNADURAISHANMUGAM
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	ANNAMALAI UNIVERSITY, ANNAMALAINAGAR - 608
(86) International Application No	:NA	002, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHINNADURAISHANMUGAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

The present invention provides a process for the isolation and identification of a novel compound DMNDC from the roots of Aristolochiaceae. We have isolated one active compound by methanol extraction; dissolved in Methanol and DMSO. The active compound was purified by Ultra-performance liquid chromatography (UPLC). We have shown by NMR, IR, UV, and mass spectrometry that this active compound is a novel, which we have named DMNDC. Electrochemical behavior was also studied by cyclic voltammetry. The study was designed to investigate the antihypoglycemic effect of DMNDC on streptozotocin induced-diabetic rats. Diabetes was induced in male albino rats of the Wistar strain, weighing 180-200 g, by administration of streptozotocin 40 mg/kg of body weight (BW) intraperitoneally. Diabetic rats showed increase of plasma glucose and glycosylated haemoglobin (HbAlc) and a decrease of plasma insulin and haemoglobin (Hb). Oral administration of - DMNDC (5, 10 and 20 mg/kg/BW) in 0.5% dimethyl sulfoxide, for 15 days, prevented the above changes and improved towards normal. No significant effect was observed in normal rats treated with DMNDC (20 mg/kg BW). Thus, our results show that DMNDC at 10 mg/kg of BW possesses a potential antihypoglycemic effect. Docking study of the isolated compound was carried out using AUTODACK software against PPARy receptor as a target protein: The isolated compound exhibited good, hydrophobic interaction between the atoms of the isolated compound and amino acid residue of the target receptor. Free radical scavenging activity of the compound was observed by modified 1, 1-diphynyl- 2-picrylhydrazyl, DPPH and 2, 2-azinobis (3-ethylbenzothiazoline-6-sulfonic acid), ABTS assay. Free radical scavenging activity was observed for DMNDC in both DPPH and ABTS in-vitro assay. The compound was screened for its antibacterial and anti-fungal activity using Agar disc diffusion method against various strains using Ciprofloxacin and Fluconazole as standard. The compound showed good to moderate anti-microbial activity. The present invention evidence that; DMNDC, possesses an PPARyagonist, Antihypoglycemic, .Free Radical Scavenging and antimicrobial activities.

No. of Pages: 42 No. of Claims: 9

(21) Application No.4501/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: WIRELESS CONTROLLED AUTOMATED RICE COOKER

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHAIK BASHEER MOHIDDIN
(32) Priority Date	:NA	Address of Applicant :#8-2-601, ACHUT CO. OP. HOUSING
(33) Name of priority country	:NA	SOCIETY, ROAD NO.10, BANJARA HILLS, HYDERABAD
(86) International Application No	:NA	500034, TELANGANA, INDIA Telangana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHAIK BASHEER MOHIDDIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
·	· · · · · · · · · · · · · · · · · · ·	·

(57) Abstract:

The present invention relates to An automated rice cooker comprising at least three compartments one external water storage tank, means for weighing a predetermined quantity of rice, means for washing said predetermined quantity of rice to produce washed rice, means for cooking said washed rice, means for keeping rice warm, automatic control means for operating said means for weighing, means for washing and said means for cooking trough remote location through wireless communication. Fig.1

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

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : PIPER BETLE L.CV. GHAZIPUR - PURE EUGENOL RESOURCE AND ITS BIOSYNERGISTIC POTENTIAL AGAINST HUMAN MALIGNANCIES

(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Dr. B. SEETHA LAKSHMI
(32) Priority Date	:NA	Address of Applicant :GF-3, Haritha Classic Apts, Near
(33) Name of priority country	:NA	Kanaka Durga Nursing Home Road, ZP JN, Krishna Nagar,
(86) International Application No	:NA	Maharanipeta, Visakhapatnam 530002, Andhra Pradesh, India
Filing Date	:NA	Telangana India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Dr. B. SEETHA LAKSHMI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a medicinal composition comprising a phenolic extract from Piper betle leaves. The extract is a bioactive compound, eugenol, an essential oil and is therapeutically effective against a human cancer breast cell line (MCF-7 cell line) and a human cervical cancer cell line (HeLa cell line). The bioactive compound, eugenol was isolated from P. betle L.Cv. Ghazipur leaves. Based on the comparative inhibitory studies on the growth of MCF-7 cells and HeLa cells employing standard drugs, tamoxifen and cisplatin, respectively, eugenol was observed to be a potent inhibitor of cancer cell growth. Mitochondrial apoptosis is the involved underlying pathway in eugenol induced cell death of cancer cell lines. Furthermore, eugenol was observed to be a potent scavenger of free radicals with excellent reducing potential. Since ancient times, betle leaves have been used for human consumption with no toxicity and based on the present disclosure it is proposed that current findings might lead to cost effective drug development against human malignancy.

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

(21) Application No.5776/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : PRAKASINE, A MERCURY NANOMEDICINE FOR POSSIBLE HIV CURE AND TOTREAT OTHER DISEASES DEVELOPEED BASED

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. S.K. PRAKASH
(32) Priority Date	:NA	Address of Applicant :1/2E, PONNAR SANKAR
(33) Name of priority country	:NA	NAGAR,PERIYAPATTY ROAD, NAMAKKAL, PIN -637 001
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. S.K. PRAKASH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Prakasine Complexes (PCs) are the mercury nanoscale drugs developed by the inventor Dr.S.K.Prakash to invoke HIV cure among HIV patients.PCs could be used either as the alternative to ART or combined with ART to achieve complete mactivation of HIV or elimination of HIV from the infected patients.PCs also could be used as both pre and post-exposure preventive treatment to safeguard from HIV infection.PCs have been developed by engineering mercury with amino acid DL-Methionine.Sulphur is the element used in support of mercury to produce these Nano-bio molecules.The PCs Nono-biomolecules are free from toxic and adverse effects when used it as a treatment for diseases.

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

(21) Application No.5466/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

$(54) \ Title \ of \ the \ invention: COMPUTATIONAL \ SURVEILLANCE \ GADGET \ (SEQUENCE \ MINER) \ FOR \ PREDICTING \ DENGUE \ VIRUS \ SEROTYPES$

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMET UNIVERSITY
(32) Priority Date	:NA	Address of Applicant: 135 East Coast Road, Kanathur 603
(33) Name of priority country	:NA	112. Tel :044-27472155 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.V.Balamurugan
(87) International Publication No	: NA	2)Marimuthu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention discloses a gadget for predicting the dengue virus serotypes. The proposed tool Sequence Miner • is a novel approach that is designed to perform sequence analysis through various methods.

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

(22) Date of filing of Application :24/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: HIGH TEAR RESISTANT PAPER COMPRISING MEANS FOR DETERMININING AUTHENTICITY

:D21H	(71)Name of Applicant :
:NA	1)Manoj Malpani
:NA	Address of Applicant :Plot No: 36/B, Mithila Nagar, Road No.
:NA	12, Banjara Hills, Hyderabad - 34, Telangana. State Telangana
:NA	India
:NA	(72)Name of Inventor:
: NA	1)Manoj Malpani
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a high tear resistant paper comprising means for determinining authenticity, the high tear resistant paper comprising: two or more layers configured to furnish high resistant for preventing the paper from fragmentation. A polyester material positioned between the two or more layers of the tear resistant paper configured to furnish water resistant for preventing the paper from fragmentation. The high tear resistant paper further comprising a paper is included in one or more layers treated to make it fungus resistant and the invisible nano particles are embedded in the paper for determining authenticity, whereby placing detector on the paper identifies the presence of nano particles.

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

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR A SMART OPERATING SYSTEM FOR INTEGRATING DYNAMIC CASE MANAGEMENT INTO A PROCESS MANAGEMENT PLATFORM

(51) International classification	·G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHIVA MURTHY
(87) International Publication No	: NA	2)HEMANT KUMAR
(61) Patent of Addition to Application Number	:NA	3)SOHAM BHAUMIK
Filing Date	:NA	4)AMIT KRISHNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure relates generally to general field, and more particularly to systems and methods for a smart operating system for integrating dynamic case management into a process management platform. In one embodiment, a computer-implemented dynamic case management method includes creating a plurality of lightweight stateless computing processes; placing the processes in a WAIT state; receiving a request to initiate a process instance corresponding to a lightweight stateless process; placing at least one of the processes in an EXECUTING state; processing the process instance by the processes placed in the EXECUTING state; determining a next process for the process instance; and routing the process instance to the next process. FIG. 1

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

(21) Application No.5699/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :23/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: SAFETY - LINER HELMET

(51) International classification	:A42B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.PALANISAMY SIVAPRAKASH
(32) Priority Date	:NA	Address of Applicant :6A, THANNEER PANDAL STREET,
(33) Name of priority country	:NA	BHARATHIAR UNIVERSITY POST, COIMBATORE - 641
(86) International Application No	:NA	046, Tamil Nadu India
Filing Date	:NA	2)DR.KANCHANA SIVAPRAKASH
(87) International Publication No	: NA	3)MR.SEBASTIAN JOSEPH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.PALANISAMY SIVAPRAKASH
(62) Divisional to Application Number	:NA	2)DR.SIVAPRAKASH KANCHANA
Filing Date	:NA	3)MR.SEBASTIAN JOSEPH

(57) Abstract:

The present invention provides safety helmets which is extremely simple in construction and can be assembled together and to the helmet shell with a minimum of hand labor but wherein the suspension functions to absorb a maximum amount of impact load and to tightly a liner helmet. Liner suspension structure which is designed for easy and quick and correct fitment into differently sized helmet shells whose specific sizes reside within a known and defined range of such sizes.

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

(21) Application No.5012/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: MULTI-FUNCTIONAL OCCLUDER

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)NAGESWARA RAO KONETI
(32) Priority Date(33) Name of priority country	:NA :NA	Address of Applicant :27, JAWAHAR RAIL COLONY, SIKH VILLAGE, SECUNDERABAD Telangana India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)NAGESWARA RAO KONETI
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention is related to an occlusion device for occluding an opening in a body tissue and a method of deploying the said occlusion device to the site of defect. The construction of the occlusion device comprising two discs, that are centrally connected by a central portion and retention screws, is such that it offers the major advantage of haemodynamic adjustment providing a better-fit to the size of the defect.

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

(22) Date of filing of Application :22/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: A MOBILE APPLICATION PLATFORM, SYSTEM AND METHOD FOR TOLL PAYMENT

(51) International classification	:G06O	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SUNKARA VENKAT NARAYANA
(32) Priority Date	:NA	Address of Applicant :Plot No.407, Ground Floor, Sri Swamy
(33) Name of priority country	:NA	Ayyappa Co.op Housing Society, Madhapur, Hyderabad 500081,
(86) International Application No	:NA	Telangana, India Telangana India
Filing Date	:NA	2)RAM SWAROOP RANGISETTI
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SUNKARA VENKAT NARAYANA
Filing Date	:NA	2)RAM SWAROOP RANGISETTI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a Mobile application platform, system and method for collection of toll payment on mobile, comprising: a toll payment mobile application includes a user registration logic configured to allow the user for registering in a toll payment mobile application by providing userTMs data and vehicle data, a payment authority providing logic configured to provide authentication to the registered user for paying the toll amount from the userTMs account. A Bluetooth enabled device configured with a toll payment mobile application for enabling toll payment. A Bluetooth toll device positioned at a predetermined distance from the toll collection booth for recognizing the Bluetooth enabled device. A toll web server configured to communicate with toll payment mobile application program through a network for providing the toll payment services to the traveler and a toll collection entity configured to collect payment information from the toll web server for allowing the vehicle traveler at toll gate.

No. of Pages: 14 No. of Claims: 6

(21) Application No.1077/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : A VIRTUAL SENSOR FOR ESTIMATING ENGINE-OUT EMISSION AND FUEL CONSUMPTION IN A REAL-TIME DIESEL ENGINE AND PROCESS THEREOF

(51) International classification	:G06F17/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SUMIT ROY
(32) Priority Date	:NA	Address of Applicant :S/O- Sasanka Roy; Ganki;
(33) Name of priority country	:NA	Khowai; Tripura; PIN- 799201 Tripura India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUMIT ROY
(87) International Publication No	: NA	2)AJOY KUMAR DAS
(61) Patent of Addition to Application Number	:NA	3)RAHUL BANERJEE
Filing Date	:NA	4)PROBIR KUMAR BOSE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention deals with a virtual sensor for estimating engine-out emission and fuel consumption efficiency in a real-time diesel engine coupled with EGR and running under CNG-diesel dual-fuel. The present invention provides a platform of a single virtual sensor to sense the NOx, PM and BSFC parameters of a CRDI diesel engine simultaneously in real-time. The said sensor is capable of predicting the parameters within ECU requisition time limits, when presented with the complexities of diesel-CRDI-CNG-EGR operation in its computational cost, thereby rendering it a plausible and competent tool to be used in conjunction with existing or new ECUs of the day for real time applications.

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

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: A SYSTEM FOR WRITING AND READING OF HUMAN UNDERSTOOD STUDY MATERIALS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G09B19/06 :NA :NA :NA	(71)Name of Applicant: 1)Mr. Partha Pratim Ray Address of Applicant: Department of Computer Applications, Sikkim University, 6th Mile, Samdur, PO Tadong, Gangtok,
(86) International Application No Filing Date	:NA :NA	Sikkim 737102 Sikkim India (72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)Mr. Partha Pratim Ray 2)Dr. Shailendra Kumar
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention belongs to the field of digital stationary equipments. The invention presented herein is a smart computer system that minimizes the usage and need of non-renewable printed paper, exercise books, and writing equipments such as pen, pencils etc., drastically. This invention comprises of a microcontroller module, a touch cum pointer display unit, an inbuilt Wi-Fi module and Bluetooth module as core components. An HDMI module, USB port, and SD card slot are also attached to this system. The invention is especially effective in writing notes, reading stored documents i.e., e-books, pdf, other readable formats etc., sharing the notes with other similar or dissimilar devices, browsing internet and playing simple mind games. User can write, read, edit, append, and delete the notes with per-installed software in the attached secondary memory. User is also enabled with a pointer device to access the system. The system periodically provides auto back up mechanism of the stored data in a local secondary memory or to a cloud service as per the configuration. Bluetooth is used to transfer the files and notes to other systems. Wi-Fi acts as the mediator of internet connectivity.

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

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : A MAGNETISED COPPER OXIDE NANOPARTICLE BASED DETECTION OF TYPHOID ANTIBODY.

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N33/543 :NA :NA :NA :NA :NA : NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SANKAR KUMAR DEY Address of Applicant: DEPARTMENT OF PHYSIOLOGY, SANTAL BIDROHA SARDHA SATABARSHIKI MAHAVIDYALAYA, GOALTORE, DIST-PASCHIM MEDINIPUR, PIN-721128, WEST BENGAL. India 2)SOURAV CHATTOPADHYAY 3)PRASANTA KUMAR MAITI 4)DURGAPADA DOLAI (72)Name of Inventor: 1)SANKAR KUMAR DEY 2)SOURAV CHATTOPADHYAY 3)PRASANTA KUMAR MAITI 4)DURGAPADA DOLAI
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(57) Abstract:

The present invention provides a magnetised copper oxide nanoparticles (CuONPs) conjugated to S. enterica antigen (Ag-CuONPs) having particle size less than 500 nm and its preparation method. The CuONPs has an inherent enzyme mimetic activity similar to that found in natural peroxidases. The CuONPs is used for developing specific immunoassay using nano-conjugated antigen for the rapid detection of S. typhi and S. paratyphi antibodies in infected serum. The CuONPs were coated with Salmonella typhi and Salmonella paratyphi antigens and were allowed to react with Salmonella infected serum. Positive reactions were detected visually with the naked eye. The color changes of substrate (TMB) were observed even in 1:800 dilutions.

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

(21) Application No.1045/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :05/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: MOTOR ASSISTED VEHICLE

(51) International classification	·R60I 15/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALOK BISWAS
(32) Priority Date	:NA	Address of Applicant :CHANDRAPUR, DIGHE DUTTA
(33) Name of priority country	:NA	PUKUR, NORTH 24 PARGANAS, PIN-743248, WEST
(86) International Application No	:NA	BENGAL, INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ALOK BISWAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to an motor assisted rickshaw (vehicle) and in particular, this invention relates to an motor assisted rickshaw (vehicle) which consist of motor in connection with a battery. Furthermore, this invention also relates to the motor assisted rickshaw(vehicle) in which the motor is connected with axle of the wheel by an extra chain and this invention also relates to an motor assisted rickshaw (vehicle) which has the beneficial effects of having simple and compact structure, convenient manufacture and assembly, and operating with saving oil and energy.

No. of Pages: 22 No. of Claims: 8

(22) Date of filing of Application :08/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention: A HYBRID WASTE HEAT-CUM-DIRECT FIRED BOILER SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)SUKANTA KUMAR MULLICK Address of Applicant: Pressels Pvt. Ltd. B-13, Industrial
(33) Name of priority country(86) International Application No	:NA :NA	Estate, Madhupatna, Cuttack-753010 Orissa India (72)Name of Inventor:
Filing Date	:NA	1)SUKANTA KUMAR MULLICK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A HYBRID WASTE HEAT-CUM-DIRECT FIRED BOILER SYSTEM Disclosed is a hybrid waste heat-cum-direct fired boiler system for power generation utilizing a combination of waste heat from sponge iron kiln with heat from combustion of fuel as thermal power source. The said hybrid boiler system consists of components including but not limited to pressure parts, direct combustion cycle combustor, fuel preparatory plant, fuel conveying, lifting and storing equipment, fuel feeding equipment, combustion air supply blowers, economizer, air preheater and centrifugal air fans, electro static precipitator for arresting fly ash, induced draft fans, chimney, ash collection and disposal unit, monitoring and control instruments. The process runs largely to incorporate internal generation of heat in the waste heat boiler, by combining the thermal energy in the boiler itself and using it for desired steam generation. The combustion process in the said system further comprises of combining heat energy internally from hot waste gas and energy available from direct fired combustion cycle to minimize the turbulence inside multi-segmental combustor.

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

(22) Date of filing of Application :05/10/2015

(43) Publication Date: 06/11/2015

(54) Title of the invention : AN ELISA DEVICE FOR THE MEASUREMENT OF SERUM ANTI-P-BENZOQUINONE (P-BQ) ANTIBODY AND A METHOD OF MAKING THE SAME

(51) International classification	:A61K39/395	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHATTERJEE, INDU BHUSAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	BIOTECHNOLOGY AND DR. B. C. GUHA CENTRE FOR
(86) International Application No	:NA	GENETIC ENGINEERING & BIOTECHNOLOGY,
Filing Date	:NA	CALCUTTA UNIVERSITY COLLEGE OF SCIENCE, 35,
(87) International Publication No	: NA	BALLYGUNGE CIRCULAR ROAD, KOLKATA 700 019,
(61) Patent of Addition to Application Number	:NA	WEST BENGAL, INDIA West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)CHATTERJEE, INDU BHUSAN
Filing Date	:NA	2)BANERJEE, SANTANU

(57) Abstract:

An ELISA device (1) for the measurement of serum anti-p-benzoquinone (anti-p-BQ) antibody to identify smokers at high risk for chronic obstructive pulmonary disease (COPD) and other cigarette smoke related diseases comprising an ELISA plate (2) with wells (3) operatively connected to an ELISA plate reader wherein the device has the following components for applying in each of the wells (3) of the ELISA plate in that order, said components being a) stock solution of HSA: p-BQ conjugate diluted with coating buffer (1X PBS, pH 7.4), b) blocking buffer, c) diluted anti human secondary antibody HRP-conjugate, d) freshly prepared chromogenic (o-PDA+ H2O2) solution, e) stop reaction solution and f) wash buffer, for washing the wells each time after application of each of the components a) to e) in that order. A method for the measurement is also disclosed. FIG 2

No. of Pages: 28 No. of Claims: 9

(22) Date of filing of Application :29/10/2015 (43) Publication Date : 06/11/2015

(54) Title of the invention : AN APPARATUS FOR PROCESSING OF NANOCRYSTALLINE MATERIALS BY THERMO-VIBRATIONAL ANNEALING

(57) Abstract:

This invention relates to an apparatus for processing of nanocrystalline materials by Thermo-Vibrational Annealing and in particular, this invention relates to an apparatus for processing oxide and non-oxide nanocrystalline materials. More particularly, the present invention relates to an apparatus for processing oxide and non-oxide nanocrystalline materials by applying both mechanical energy and heat energy to the sample in the thermo-vibrational environment.

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

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.1151/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD OF DEPOSITION OF DOUBLE PEROVSKITE OF SR-FE NIOBIUM OXIDE FILM ON SUBSTRATE BY SPARY COATING TECHNIQUE, AND THE COATED SUBSTRATE THEREOF

	***********	7127
(51) International classification	:H01L43/10	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country	:NA	(ARCI)
(86) International Application No	:NA	Address of Applicant :PLOT NO-102, INSTITUTIONAL
Filing Date	:NA	AREA, SECTOR-44, GURGAON-122003, HARYANA, INDIA.
(87) International Publication No	: NA	Haryana India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRAMOD HIRALAL BORSE
(62) Divisional to Application Number	:NA	2)REKHA DOM
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to deposition of a pure phase and Ti doped double perovskite SraFeNbOe thin film on transparent conducting oxide surface for solar PEC application for energy generation. Further such method of film deposition disclosed here is simple and cheaper. According to the invention the deposition of double perovskite adherent film is done by simple spray technique on heated substrate. Further invention is for using suitable chemical solution and spraying on the various substrates for film deposition. More particularly, the invention discloses a method for depositing undoped and metal-ion doped SraFeNbOe films at significantly milder temperatures, on a transparent thermally sensitive transparent conducting oxide glass. The invention is also to deposit film on such a substrate that, it can be used for photoanode application in photoelectrochemical cell for hydrogen generation, and similar optical applications.

No. of Pages: 28 No. of Claims: 13

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: AN IMPROVED PROCESS TO MAKE COATING COMPOSITIONS FOR TRANSPARENT, UV BLOCKING COATINGS ON GLASS AND A PROCESS OF COATING THE SAME

(51) International classification	:C08G77/50,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country	:NA	(ARCI)
(86) International Application No	:NA	Address of Applicant :PLOT NO-102, INSTITUTIONAL
Filing Date	:NA	AREA, SECTOR-44, GURGAON-122003, HARYANA, INDIA.
(87) International Publication No	: NA	Haryana India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAGHAVAN SUBASRI
(62) Divisional to Application Number	:NA	2)NABORMI MUKHOPADHYAY
Filing Date	:NA	3)KARUPPIAH MURUGAN

(57) Abstract:

The present invention provides an improved process to make coating compositions for transparent, UV blocking coatings on glass and a process of coating the same. It is a single layered, durable, inorganic coating. The method revealed in this invention utilizes an appropriate mixture of aqueous salt solutions of zinc or titanium and cerium with suitable a complexing agent and a stabilizing agent/wetting agent. The coating composition is then deposited on a suitably cleaned or plasma treated glass substrate by dip coating using an optimized withdrawal speed followed by heat treatment in air at 450°C for 1 hour. A single layered antireflective coating based on porous silicate when subsequently applied on the UV blocking coating and heat treated in air at 450°C for 1 hour, followed by a short microwave treatment in boiling water results transparent, UV blocking coatings having high visible light transmittance and very low UV transmittance

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

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: DUAL MASS FLYWHEEL WITH IMPROVED DAMPING MEANS

	FICE	
(51) International classification	:F16F	(71)Name of Applicant:
` '	15/167	1)VALEO EMBRAYAGES
(31) Priority Document No	:1356687	Address of Applicant :81 Avenue Roger Dumoulin 800009
(32) Priority Date	:08/07/2013	Amiens Cedex 2, France France
(33) Name of priority country	:France	(72)Name of Inventor:
(86) International Application No	:PCT//	1)CARLOS LOPEZ-PEREZ
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention concerns a dual mass flywheel (1) for motor vehicles, including: - a primary flywheel (2), designed to be fixed to the end of a crankshaft, and a secondary flywheel (3), mobile in rotation relative to each other about a rotation axis X; - damping means for transmitting a torque and damping irregularities of rotation between the primary flywheel (2) and the secondary flywheel (3), said damping means including friction members (24, 25, 26) adapted to exert a resisting friction torque between the primary flywheel (2) and the secondary flywheel (3) on relative angular movement between said primary flywheel (2) and said secondary flywheel (3); said dual mass flywheel (1) being characterized in that the damping means include a leaf spring (17a, 17b) constrained to rotate with either said primary flywheel (2) or said secondary flywheel (3) and having a cam surface (20) and in that the damper includes a cam follower (21) carried by the other of said primary flywheel (2) and said secondary flywheel (3) and adapted to cooperate with said cam surface (20); said cam surface being such that, for a relative angular movement between the primary flywheel (2) and the secondary flywheel (3) relative to a rest angular position, the cam follower (21) exerts a bending force on the leaf spring (17a, 17b) producing a reaction force adapted to return said primary flywheel (2) and said secondary flywheel (3) to said rest angular position. Figure to be published:

No. of Pages: 29 No. of Claims: 17

(21) Application No.1040/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :16/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : DEVICE, SYSTEM AND METHOD FOR EFFICIENTLY SERVICING HIGH VOLUME ELECTRONIC TRANSCTIONS

(51) International classification	:G06Q20/10	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NUCLEUS SOFTWARE EXPORTS LIMITED
(32) Priority Date	:NA	Address of Applicant :NUCLEUS SOFTWARE EXPORTS
(33) Name of priority country	:NA	LIMITED, 33-35, THYAGRAJ NAGAR MARKET, NEW
(86) International Application No	:NA	DELHI - 110003, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PANDE, ASHUTOSH
(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 device, system and method for efficiently servicing high volume electronic transactions. The systems and methods focus on overcoming the key issue of non-existing bank accounts of various parties involved in facilitating the electronic transactions. The present invention envisages use of 10 electronic money by using electronic version of a wallet (also interchangeably referred to as digital wallet) to replace cash carried by users in their wallets, and also proposes a novel system for carrying out the high volume non-real time transactions in the financial industry and elsewhere.

No. of Pages: 47 No. of Claims: 32

(22) Date of filing of Application :01/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: AN ANIMAL DRAWN MULTIPURPOSE TILLAGE DEVICE

(51) International classification	:A01B49/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G. B. PANT UNIVERSITY OF AGRICULTURAL AND
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :Pantnagar-263145, District: U.S. Nagar,
(86) International Application No	:NA	Uttarakhand, India Uttarakhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)THAKUR, Tara, Chandra
(61) Patent of Addition to Application Number	:NA	2)DHYANI, Shyam, Prasad
Filing Date	:NA	3)MURMU, Karuna
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a multipurpose Tillage Device, and more particularly to a light weight Animal drawn Multipurpose Tillage Device for soil preparation. The invention in particular provides a tillage device that can be fitted with different types of soil working elements for performing various farm operations like cultivator, puddler, leveller, interculture implement, weed rake, planker or the like.

No. of Pages: 33 No. of Claims: 19

(22) Date of filing of Application :01/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF NANOMETAL OXIDE WITH BOTTLEBRUSH STRUCTURES

(51) International classification	:C08F299/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION
(33) Name of priority country	:NA	Address of Applicant :Ministry of Defence, Govt of India,
(86) International Application No	:NA	Room no. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi
Filing Date	:NA	110105, India Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SRIVASTAVA, Alok, Kumar
Filing Date	:NA	2)MUKHOPADHYAY, Kingsuk
(62) Divisional to Application Number	:NA	3)SAXENA, Arvind, Kumar
Filing Date	:NA	4)SHARMA, Ashutosh

(57) Abstract:

The present invention relates to a method for producing nanowire(s) of metal oxides. The method is essentially a nano-on-micro based fabrication method, which produces metal oxide nanowires with substantially cactus/bottlebrush like shape so as to obtain the nanowires with higher surface area. The nanowire(s) are extremely useful for sensor application due to higher surface area and design versatility leading to ease of fabrication of futuristic devices.

No. of Pages: 33 No. of Claims: 19

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND SYSTEM FOR EVALUATING THE RESEMBLANCE OF A QUERY OBJECT TO REFERENCE OBJECTS

(87) International Publication No (87) I	(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:0905117 :23/10/2009 :France :PCT/EP2010/065997 :22/10/2010 :WO 2011/048219 :NA :NA	
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(57) Abstract:

The present invention relates to a method and a system for evaluating the class of a test datum in a data space of dimension D where D \geq 3, each datum belonging to at least one class grouping together several data. The method comprises a step of projecting a suite of reference data of the data space into a space of dimension Q where Q < D, the class of each reference datum being known. The method also comprises a step of calculating a measurement of similarity of the test datum to each of the reference data. The method also comprises a step of partitioning the projection space into a plurality of disjoint regions each containing the projection of one and only one reference datum. The method finally comprises a step of evaluating the class of the test datum, this class being evaluated as being the same class as one of the reference data contained in one of the regions containing the reference data closest to the test datum in the sense of the similarity measurement. Indeed, these regions are the regions most liable to contain a projection of the test datum. Application: decision aid in discrimination, recognition of shapes, detection of anomalies Figure 3

No. of Pages: 36 No. of Claims: 27

(21) Application No.3612/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMMUNICATION NETWORK WITH SECURE ACCESS FOR PORTABLE USERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M 1/66 :12/587,743 :13/10/2009 :U.S.A. :PCT/US2010/51755 :07/10/2010 :WO 2011/046798 :NA :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTERGRATION INC. Address of Applicant: PO BOX 868, NHQI-719, NASHUA, NH 03061-0868, USA U.S.A. (72)Name of Inventor: 1)NARESH CHAND 2)BRUCE M. ETESON
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(57) Abstract:

A communication network includes a local area network (LAN) and a wireless access point coupled to the LAN. In one embodiment, each access point includes a medium access control (MAC) stage, and a radio frequency (RF) transmitter/receiver for communicating unsecure message data via RF links with users of associated wireless devices. An optical transmitter/receiver in the access point enables the users to communicate secure message data over the LAN via free space optical (FSO) links with the users. The MAC stage operates (i) to direct unsecure data from the LAN to the wireless device users and to direct unsecure data from the users to the LAN, via the RF transmitter/receiver; and (ii) to direct secure data from the LAN to the wireless device users and to direct secure data from the users to the LAN, via the optical transmitter/receiver. An integrated VolP/FSO portable handset is also disclosed.

No. of Pages: 34 No. of Claims: 12

(21) Application No.1559/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : Side Airbag Apparatus

(51) International classification	:B60R	(71)Name of Applicant:
(31) International classification	21/02	1)Suzuki Motor Corporation
(21) Briggity Decument No.	:2013-	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(31) Priority Document No	121870	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(32) Priority Date	:10/06/2013	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)SHIBAYAMA, Koji
(86) International Application No	:PCT//	2)KAWABE, Hitoshi
Filing Date	:01/01/1900	3)HABA, Makoto
(87) International Publication No	: NA	4)KUBOTA, Jun
(61) Patent of Addition to Application Number	:NA	5)SAKURAI, Akihiro
Filing Date	:NA	6)SEKINE, Akira
(62) Divisional to Application Number	:NA	7)KONDO, Naoya
Filing Date	:NA	

(57) Abstract:

Disclosed is a side airbag apparatus capable of smoothly deploying a folded portion of a distal side of an airbag with respect to a deploying direction. The side airbag apparatus includes an inflator assembly 30 and an airbag 40. The inflator assembly 30 is disposed in the vicinity of a side of a chest region of an occupant seated in a vehicle seat to eject inflation gas in response to an impact applied from a lateral direction of a vehicle. The airbag 40 is accommodated in a folded state in which folded portions 66, 68, 69, 72 and 73 are formed, and is deployed and inflated by the inflation gas form the inflator assembly 30 between a region extending from the chest region to a head of the occupant and a side wall of the vehicle. The folded portions 68 and 72 of the distal side of the airbag 40 with respect to a deploying direction are folded back in a vehicular inner side (front side of Fig. 12A).

No. of Pages: 38 No. of Claims: 5

(21) Application No.1560/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : Side Airbag Apparatus

(51) International classification	:B60R	(71)Name of Applicant:
(31) International classification	21/02	1)Suzuki Motor Corporation
(31) Priority Document No	:2013-	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(31) Filority Document No	121869	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(32) Priority Date	:10/06/2013	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)SHIBAYAMA, Koji
(86) International Application No	:PCT//	2)KAWABE, Hitoshi
Filing Date	:01/01/1900	3)HABA, Makoto
(87) International Publication No	: NA	4)KUBOTA, Jun
(61) Patent of Addition to Application Number	:NA	5)SAKURAI, Akihiro
Filing Date	:NA	6)SEKINE, Akira
(62) Divisional to Application Number	:NA	7)KONDO, Naoya
Filing Date	:NA	

(57) Abstract:

ABSTRACT Since an airbag is folded toward the rear from the front in a process of folding the airbag in a storage form, the airbag 40 of a non-inflation deployed state has an intermediate form extending in a substantially upward direction from an inflator assembly 30. The airbag 40 has the storage form by folding back a part of the airbag being nearer to a distal portion 63 than a proximal side folding line 64, which is positioned between a proximal portion 62 and the distal portion 63, forward and downward along the proximal side folding line 64, and folding back a part of the airbag being nearer to the distal portion 63 than a distal side folding line 66, which is positioned between the proximal side folding line 64 and the distal portion 63, forward and upward along the distal side folding line. The airbag 40 of the storage form is provided with a release delay portion for delaying a timing of releasing a folded-back state of a first region Z1 between the distal portion 63 and the distal side folding line 66. The joining portion 67 is wound around the second region Z2 and the first region Z1 between both folding lines 64 and 66.

No. of Pages: 36 No. of Claims: 3

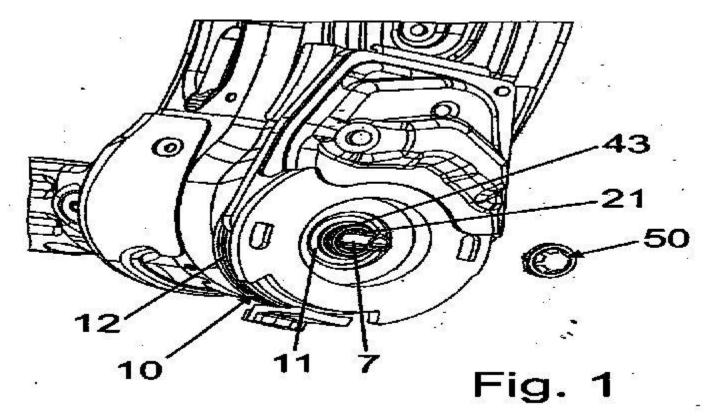
(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FITTING SYTEM FOR A VEHICLE SEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/01/2011 :WO 2011/088969 :NA :NA	(71)Name of Applicant: 1)KEIPER GMBH & CO. KG Address of Applicant:HERTELSBRUNNENRING 2, 67657 KAISERSLAUTERN, GERMANY Germany (72)Name of Inventor: 1)THOMAS MAYER
- 1	:NA :NA :NA	

(57) Abstract:

With a fitting system for a vehicle seat, in particular for a motor vehicle seat, with an axially extending shaft (7), which is rotatable in the circumferential direction, with at least one fitting (10) which is provided with a rotatably supported driver (21) which is axially secured by a securing element (43), for driving or for unlocking the fitting (10), wherein the shaft (7) cooperates with the driver (21) in the circumferential direction in a rotationally secure manner or mechanically connected, in order to rotate the driver (21), and with at least one quick fastener (50) which is seated on the shaft (7) in an axially non-displaceable manner, in order to secure the cooperation of shaft (7) and driver (21) axially in at least one direction, the quick fastener (50) is connected with the driver (21) and/or with its securing element (43).



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

(22) Date of filing of Application :25/04/2012

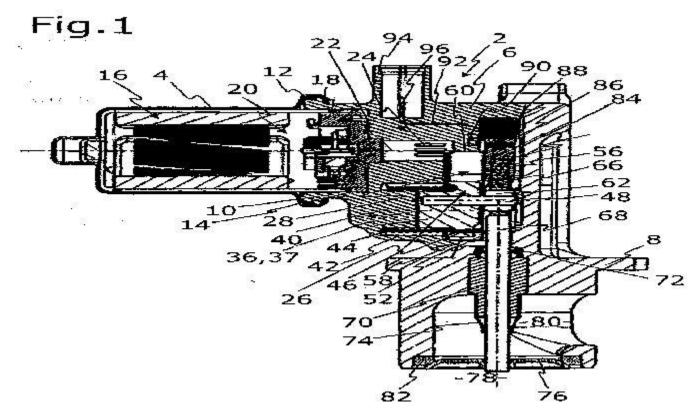
(43) Publication Date: 06/11/2015

(54) Title of the invention: VALVE DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M 25/07	(71)Name of Applicant:
(31) Priority Document No	:10 2009 056 251.6	1)PIERBRUG GMBH
(32) Priority Date	:01/12/2009	Address of Applicant :ALFRED-PIER-BURG-STRASSE 1,
(33) Name of priority country	:Germany	41460 NEUSS, GERMANY Germany
(86) International Application No	:PCT/EP2010/068019	(72)Name of Inventor:
Filing Date	:23/11/2010	1)MARTIN NOWAK
(87) International Publication No	:WO 2011//067138	2)ANDREAS KOSTER`
(61) Patent of Addition to Application	:NA	3)ANDREAS TONNESMANN
Number		4)HEINRICH DISMON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to valve devices having a drive unit (16), a transmission unit (26), an eccentric (37) that can be driven by means of the transmission unit (26), and a valve rod (68) that is displaceable in translation, to which a coupling element (66) is fastened, by means of which the displacement of the eccentric (37) can be converted into a translational dis¬placement of the valve rod (68). The transmission unit for the known valve devices tends to become contaminated by blow-by gases. According to the invention, a cover (52) is disposed between the eccentric (37) and the coupling element (66), separating the transmission chamber (28) from the valve rod displacement chamber (54).



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

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR CONTROLLING AN ENGINE COOLING FAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:14/139,078 :23/12/2013 :U.S.A. :NA :NA :NA :NA	, , , , , , , , , , , , , , , , , , ,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

system and method of operating a cooling system for a vehicle engine, wherein one or more motors are operable to rotate one or more fans. Each of the one or more motors is controlled by a motor controller associated with the motor, in response to a control signal received from a system controller and an enable signal received from the vehicle. The motor controller operates the motor at a speed based upon the control signal if the control signal is received, and operates the motor at a predetermined speed if the control signal is not received but the enable signal is received.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : SYSTEM AND METHOD WITH AUTOMATIC RADIUS CROSSING NOTIFICATION FOR GPS TRACKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W4/02 :13/900696 :23/05/2013 :U.S.A. :NA :NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	4)RICHARD J. LAUDE

(57) Abstract:

Systems and methods with automatic radius cross notification for a GPS tracker are provided. Some methods can include receiving user input requesting a dynamic creation of a geo-fence, and, responsive thereto, creating the geo-fence. Some methods can include determining when a GPS tracker device has been stationary for a predetermined period of time, and responsive thereto, dynamically creating a geo-fence.

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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : TRI-LAYER ADHESIVE SYSTEM FOR A LAMINATED LENS AND METHOD FOR APPLYING SAME

Filing Date :02/11/2	1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) Address of Applicant :147, RUE DE PARIS, F-94220 CHARENTON-LE-PONT, FRANCE France
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(57) Abstract:

A method for laminating a functional film on to an optical base element and a tri-layer adhesive system for use in the method. The tri-layer adhesive includes a first latex adhesive layer disposed on the functional film and a second latex adhesive layer disposed on the optical base element. An HMA layer is disposed in between the latex layers to form a tri-layer adhesive to permanently retain the functionalized film on the optical base element. The method includes first coating a latex adhesive on the functional film and second coating a latex adhesive on the optical base element. An HMA is then coated on to one of the dried la¬tex adhesive layers. The film is hot pressed on to the optical base element with the HMA sandwiched in between the latex layers to form a laminated optical device.

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

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

$(54) \ Title \ of the invention: CO-CRYSTAL \ OF 4-\{ \ [6-CHLOROPYRID-3-YL)METHYL] (2,2-DIFLUOROETHYL) AMINO\} FURAN-2(5H)-ONE WITH OXALIC ACID AND USE THEREOF AS PESTICIDE$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 405/12 :09013508.8 :27/10/2009 :EPO :PCT/EP2010/066094 :26/10/2010 :WO 2011/051241 :NA :NA :NA	(71)Name of Applicant: 1)BAYER TECHNOLOGY SERVICES GMBH Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)MARTIN WEI 2)DIRK STORCH 3)NA 4)NA 5)NA 6)NA 7)NA 8)NA 9)WOLFGANG WIRTH 10)BRITTA OLENIK 11)NA 12)NA 13)ULRICH SCHWIEDOP 14)HANS-CHRISTOPH WEI
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(57) Abstract:

The invention relates to a new co-crystal of 4-{[(6-chloropyrid-3-yl)methyl](2,2-difluoroethyl)amino} furan-2(5H)-one with oxalic acid, and also to processes for preparation thereof and use.

No. of Pages: 23 No. of Claims: 14

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR INTERACTION ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:29/11/2010 :WO 2011/065912 :NA	(71)Name of Applicant: 1)GE HEALTHCARE BIO-SCIENCES AB Address of Applicant:PATENT DEPARTMENT, BJORKGATAN 30, S-751 84 UPPSALA, SWEDEN Sweden (72)Name of Inventor: 1)OLOF KARLSSON
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of determining one or more interaction parameters for the interaction between an analyte and a ligand using a biosensor, which comprises the steps of: A: providing a sensor surface having the ligand immobilized thereto, B: contacting the sensor surface with a control analyte, C: registering the sensor response from binding of the control analyte to binding sites of the ligand, D: determining the control saturation response (Rmaxc) for the interaction between the control analyte and the ligand, E: transforming the control saturation response (Rmaxc) to an analyte saturation response (RmaXA) using the relative molar response contribution of the analyte and the control analyte. F: contacting the sensor surface with one or more samples containing different concentrations of the analyte, G: registering the sensor response from binding of the analyte to the binding sites, and H: fitting the registered sensor response to a predetermined interaction model using the analyte saturation response (RmaxA) to determine the interaction parameters.

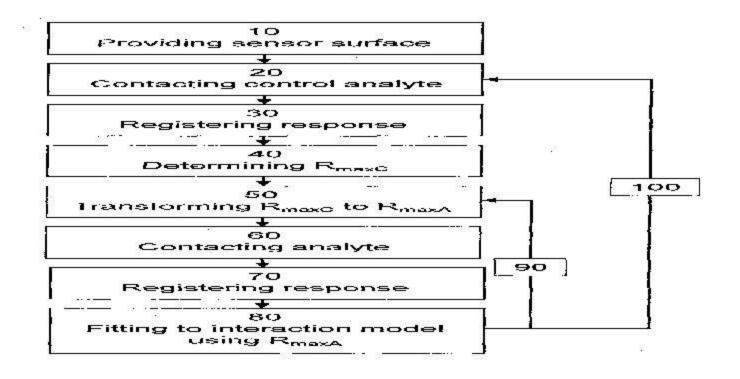


Fig. 5

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1154/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: CLEANING LIQUID DISPENSING LAVATORY BRUSH

(51) International classification	:A46B15/00,	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DEEPANKAR SHARMA
(32) Priority Date	:NA	Address of Applicant :B-1/301, MANBHAVAN
(33) Name of priority country	:NA	APPARTMENT PLOT NO. 26, SEC-10 DWARKA NEW
(86) International Application No	:NA	DELHI -110075 Delhi India
Filing Date	:NA	2)DEEPAK SADOTRA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DEEPAK SADOTRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lavatory brush comprising a cleaning head fitted at the end of an elongate handle. The handle stores a cleaning liquid with a liquid dispensing push button at the handle end. A push-button is fitted at a distal end of the handle for manipulating the cleaning liquid to release the solution only upon depressing of the push-button.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1600/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SPRAY HEAD FOR A UNIFORM FLUID DISTRIBUTION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :N	A62C 7/08 Denmark 03/07/2013 Denmark PCT// 01/01/1900 NA
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(57) Abstract:

ABSTRACT The present invention relates to a spray head for effective fire fighting. The spray head according to the present invention provides a uniform distribution of a fluid, such as pressurised water, over a relatively large area. To achieve this, the spray head comprises a body defining a central axis and further comprising a fixation structure for fixing the spray head to a fluid supply system, a fluid inlet, a plurality of outlet holes arranged around the central axis, and a flow path between the inlet and the outlet holes, wherein each outlet hole comprises an expansion passage section and wherein the flow path secures free flow between the inlet and the outlet holes.

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

(22) Date of filing of Application :23/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SOLENOID SWITCH AND STARTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01H50/02 :201310319400.4 :26/07/2013 :China :NA :NA :NA :NA	(71)Name of Applicant: 1)BOSCH AUTOMOTIVE PRODUCTS (CHANGSHA) CO. LTD. Address of Applicant: No.26, Lixiang Road Middle Xingsha Changsha, Hunan 410100, P.R. China (72)Name of Inventor: 1)LI, Jian 2)SONG, Wei
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(57) Abstract:

The invention discloses a solenoid switch and a starter comprising the same, for starting an engine. The solenoid switch comprises a housing, stationary terminals and a movable terminal. The stationary terminals are fixed to the housing. The movable terminal is adapted to be movable between a first state and a second state. At least one of the stationary terminals and the movable terminal comprises a copper alloy material which contains tellurium and nickel. An electric current of no less than 150 Amperes flows through the stationary terminals and the movable terminal when the movable terminal is in the second state. The stationary terminals and the movable terminal of the disclosure are easy to be manufactured, and contact welding is not likely to occur at the terminals. (Figure 1)

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

(21) Application No.3650/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PRODUCING AN ORTHOPEDIC JAW ELEMENT •

(51) International classification(31) Priority Document No	:A61B :10 2009 054 096.2	(71)Name of Applicant: 1)DENTAURUM GMBH & CO. KG
(32) Priority Date	:12/11/2009	Address of Applicant :Turnstrasse 31 75228 Ispringen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2010/067144	(72)Name of Inventor:
Filing Date	:09/11/2010	1)MICHAEL REISE
(87) International Publication No	: NA	2)WERNER OCHS
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)MICHAEL REGELMANN 4)WALTER EHRENBERGER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing an orthodontic element with a ceramic main body, which has a base surface for fixing the element to a tooth. In order to develop the method in such a way that the main body can, on the one hand, be fastened to the tooth with a high adhesive force and, on the other hand, can easily be detached from the tooth at the end of an orthodontic treatment, it is proposed according to the invention that a laser beam is guided along the base surface in an impingement area, the base surface in the impingement area is superficially heated locally by means of the laser beam and microscopic particles are broken free from the base surface by means of crack development.

No. of Pages: 20 No. of Claims: 18

(22) Date of filing of Application :26/04/2012

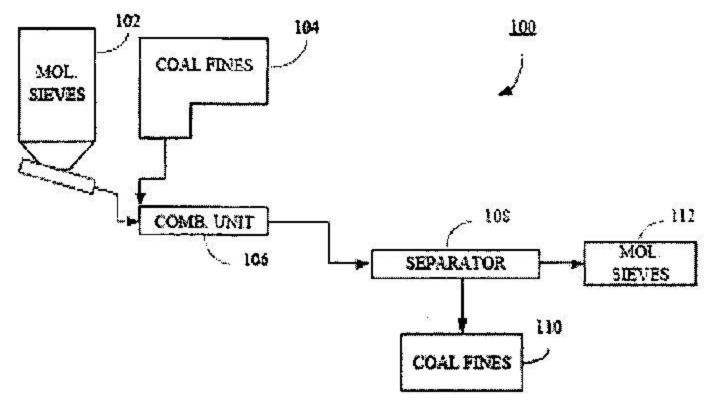
(43) Publication Date: 06/11/2015

(54) Title of the invention: COAL FINE DRYING METHOD AND SYSTEM

		(71)Name of Applicant:
(51) International classification	:H01L 23/528	1)RICHARD W. BLAND
(31) Priority Document No	:61/247,688	Address of Applicant :104 BLAND DRIVE, BECKLEY, WV
(32) Priority Date	:01/10/2009	25801, U.S.A. U.S.A.
(33) Name of priority country	:U.S.A.	2)PHILIP HARSH
(86) International Application No	:PCT/US2010/002649	3)MICHAEL HURLEY
Filing Date	:30/09/2010	4)ANDREW K. JONES
(87) International Publication No	:WO 2011/040965	5)VINOD K. SIKKA
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)RICHARD W. BLAND
Filing Date	INA	2)PHILIP HARSH
(62) Divisional to Application Number	:NA	3)MICHAEL HURLEY
Filing Date	:NA	4)ANDREW K. JONES
		5)VINOD K. SIKKA

(57) Abstract:

The present invention provides a method and system for drying coal fines using molecular sieves. The method and system dries the coal fines by combining coal fines with the molecular sieves. While in combination, the mixture is agitated to maximize surface contact between the molecular sieves and the coal fines. As the coal fines contact the molecular sieves, the surfactant moisture on the coal fines is then absorbed by the molecular sieves. The molecular sieves allow for the water molecules to pass into the sieves, thus being removed from the coal fines. After a period of agitation, the method and system thereby separates the molecular sieves and the coal fines.



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

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MANAGING ONLINE CHARGING SESSIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04M15/00 :NA :NA :NA	(71)Name of Applicant: 1)Sandvine Incorporated ULC Address of Applicant: 408 Albert Street, Waterloo, Ontario
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA : NA	N2L 3V3 (CA) Canada (72)Name of Inventor: 1)LIFSHITZ, Yuval 2)ZAGHLOUL, Said
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	3)SHARMA, Chandan, Kumar
Filing Date	:NA	

(57) Abstract:

A method and system for managing online charging sessions is provided. The method includes: establishing a subscriber data session on a network; establishing a connection with an initial online charging system; detecting a condition change in the subscriber data session; determining whether the condition change is associated with a change in the online charging system; if the condition change is associated with a change in the online charging system, determining a new online charging system; terminating the connection to the initial online charging system while maintaining the subscriber data session; and establishing a connection with the new online charging system; otherwise continuing the session with the initial online charging system. The system includes a control plane engine and is operatively connected to a policy charging enforcement function.

No. of Pages: 32 No. of Claims: 18

(22) Date of filing of Application :26/04/2012 (43) Pt

(43) Publication Date: 06/11/2015

$(54) \ Title \ of the invention: NOVEL \ SOLID \ FORM \ OF \ 4-[[6-CHLOROPYRIDIN-3-YL)METHYL](2,2-DIFLUOROETHYL)AMINO]FURAN-2(5H)-ONE$

(51) International classification	:C07D 405/12	(71)Name of Applicant :
(31) Priority Document No	:09174046.4	1)BAYER CROPSCIENCE AG
(32) Priority Date	:26/10/2009	Address of Applicant :ALFRED-NOBEL-STR. 50, 40789
(33) Name of priority country	:EUROPEAN	MONHEIM, GERMANY Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/065807	1)BRITTA OLENIK
Filing Date	:20/10/2010	2)ROBERT VELTEN
(87) International Publication No	:WO 2011/051151	3)PETER JESCHKE
(61) Patent of Addition to Application	:NA	4)NORBERT LUI
Number	:NA	5)CHRISTIAN FUNKE
Filing Date	.IVA	6)WOLFGANG WIRTH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(F7) A1		·

(57) Abstract:

The present invention relates to a novel solid form of 4-[[(6-chloropyridin-3-yl)methyl](2,2-difluoroethyl)amino]furan-2(5H)-one, to processes for its preparation and to its use in agrochemical preparations.

No. of Pages: 47 No. of Claims: 10

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : OPERATION MAINTENANCE SYSTEM, CONTROLLER AND RADIO FREQUENCY SUBSYSTEM FOR MANAGING ELECTRICALLY REGULATED ANTENNAE

(57) Abstract:

The present invention discloses an operation maintenance system for managing an electrically regulated antenna, which system comprises: a driver for executing a control command to an electrically regulated antenna and reporting an operation result and/or a failure reason code of the execution of the control command; an operation maintenance center server including: an interface module, adapted for receiving an operation instruction from an input device and/or a report from a driver and for sending the control command, and a control module, adapted for issuing the control command according to the operation instruction and/or the report; and a radio frequency subsystem including: an agent module, adapted for forwarding the control command to the driver and forwarding the report to the control module, and a link module, adapted for establishing an active link between the driver and the agent module. The present invention further provides a control module and a radio frequency subsystem for managing an electrically regulated antenna. The present invention solves the problem of relatively low operation efficiency and rather high costs due to the need for maintenance personnel to manage the electrically regulated antennae on site, thus achieving the effect of allowing the maintenance personnel to manage electrically regulated antennae remotely, improving efficiency and reducing costs.

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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ARRANGEMENT OF A TABLE THAT CAN BE FOLDED UP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60N 2/46 :10 2010 009 526.5 :23/02/2010 :Germany :PCT/EP2011/00745 :16/02/2011 :WO 2011/103980 :NA :NA :NA	(71)Name of Applicant: 1)KEIPER GMBH & CO. KG Address of Applicant: HERTELSBRUNNENRING 2, 67657 KAISERSLAUTERN, GERMANY Germany (72)Name of Inventor: 1)JOACHIM WINTER 2)HARALD KLEIN 3)FRANK WENZ
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(57) Abstract:

The invention relates to arrangement of a table that can be folded up in the interior of a motor vehicle, comprising a table top (22), which is arranged on a vehicle-mounted support in such a way that the table top can be moved from a resting po-sition, in which the table plane is oriented substantially vertically, into a usage position oriented substantially horizontally. The support extends in the longitudinal direction of the vehicle and the table top (22) is fastened to the support in such a way that the table top (22) can be pivoted by means of a table top retainer (16) from the vertical resting position into a horizontal position about a pivot axis extending in the longitudinal direction of the vehicle and wherein the table top (22) and/or the table top retainer (16) can be locked in the usage position by means of a locking device, which is a catch device, into which the table top retainer (16) can be locked when the table top (22) is in the horizontal position and/or in the vertical position. When the table top (22) is in the horizontal position and/or in the vertical position, the table top retainer (16) is supported in such a way that it can be moved in or opposite the direction of travel in order to be locked the table top retainer into a catch recess of the support that extends in or opposite the direction of travel and said retainer is secured against pivoting about the first pivot axis.

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

(22) Date of filing of Application :01/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS OF METOPROLOL

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant: 12TH FLOOR, DEVIKA TOWER, 6,
(33) Name of priority country (86) International Application No	:NA :NA	NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India (72)Name of Inventor:
Filing Date	:NA	1)SANDEEP KUMAR VATS
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)BALARAM MONDAL 3)KALAISELVAN RAMARAJU
Filing Date	:NA	4)ROMI BARAT SINGH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to timed extended-release pharmaceutical compositions comprising metoprolol and an extended-release polymer. The pharmaceutical compositions of the present invention exhibit a lag time of at least 2 hours and provide an extended-release of metoprolol for at least 20 hours.

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

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: COATING REMOVAL SYSTEMS FOR OPTICAL FIBERS

(51) International plane (5 or time	C02D 6/26	(71)N 6 A V 4
(51) International classification	:G02B6/26	(71)Name of Applicant:
(31) Priority Document No	:13/891,691	
(32) Priority Date	:10/05/2013	Address of Applicant :800 17th Street NW, Hickory, NC
(33) Name of priority country	:U.S.A.	28601, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JEFFREY DEAN DANLEY
(87) International Publication No	: NA	2)ROBERT BRUCE ELKINS II
(61) Patent of Addition to Application Number	:NA	3)DARRIN MAX MILLER
Filing Date	:NA	4)ZHAOXU TIAN
(62) Divisional to Application Number	:NA	5)STEPHAN T TOEPPER
Filing Date	:NA	6)KIPP DAVID YEAKEL

(57) Abstract:

Coating removal systems for optical fibers are disclosed. Related methods and optical fibers processed with these methods and coating removal systems are also disclosed. An optical fiber includes a glass fiber, having a cladding and core, surrounded by a protective coating which does not contribute to the optical performance of the optical fiber. By removing the coating at an end portion of the optical fiber, the end portion may be precisely positioned and secured to enable reliable optical communications. A laser beam may be directed at the protective coating to remove the protective coating by one or more ablating, melting, vaporizing, and/or thermal decomposing processes. The optical fiber may also be optionally cleaved. In this manner, the coating may be efficiently removed while retaining at least fifty percent of the tensile strength of the optical fiber.

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

(21) Application No.1244/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: TERMINAL BLOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/54452 :17/05/2013 :France :NA :NA : NA :NA	(71)Name of Applicant: 1)ABB FRANCE Address of Applicant: 3 avenue du Canada Immeuble Athos, Les Ulis 91978 Courtaboeuf Cedex France France (72)Name of Inventor: 1)FRANCE, Philippe 2)VILLARD, Romain
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The object of the present invention is a terminal block (1) comprising at least one housing (20) for a connection terminal (B6), said housing (20) extending at least partly within a volume (V) delimited by: - a first plane (PI) transverse to two side planes (PL1, PL2) delimiting the insulating body (2), substantially parallel to a general direction (D) joining a first end (13) and a second end (14) of a fastening member (12), and passing through a connecting area (12a) of the fastening member (12), and - a second plane (P2) transverse to the two side planes (PL1, PL2) delimiting the insulating body (2), substantially parallel to the first plane (PI) and passing through a connecting area (5a) of the rear face (5), - at least a third plane (P3) transverse to the two side planes (PL1, PL2) delimiting the insulating body (2), substantially transverse to the first plane (PI) and to the second plane (P2), and passing through the fixthest elastic branch (1 la) of the fastening means (1 5) intended to interact with an edge of the support rail, and - at least a fourth plane (P4) transverse to the two side planes (PI,I, PL2) delimiting the insulating body (2), substantially transverse to the first plane (P 1) and to the second plane (P2), and passing through a retaining member (1 7) intended to lock a tool.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3670/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BLOOD FLASH NEEDLE

(51) International classification	:A61B 5/15	(71)Name of Applicant:
(31) Priority Document No	:2009905146	1)MEDIGARD LIMITED
(32) Priority Date	:22/10/2009	Address of Applicant :SUITE 52, LEVEL 5 - HQ
(33) Name of priority country	:Australia	RIVERWALK AVENUE, ROBINA, QLD 4226, AUSTRALIA;
(86) International Application No	:PCT/AU2010/001334	Australia
Filing Date	:11/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/047413	1)RODD, AARON LEONARD
(61) Patent of Addition to Application	:NA	2)CALI, ROSS JOSEPH
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for drawing fluid from a lumen comprising a body, a first needle portion extending from a forward portion of the body and a second needle portion extending from a rear portion of the body, wherein the body includes an observation portion adapted to allow visual observation of the fluid, and wherein the observation portion is provided with enhancement means adapted to enhance the visibility of the fluid in the observation portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3671/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DENTAL PROBE WITH CURETTE

(51) International classification	:A61C 15/00	(71)Name of Applicant:
(31) Priority Document No	:61/252,833	1)THE ROYAL INSTITUTION FOR THE
(32) Priority Date	:19/10/2009	ADVANCEMENT OF LEARNING / MCGILL UNIVERSITY
(33) Name of priority country	:U.S.A.	Address of Applicant :845 SHERBROOKE STREET WEST,
(86) International Application No	:PCT/CA2010/001642	MONTREAL, QUEBEC H3A 2T5, CANADA; Canada
Filing Date	:19/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/047468	1)VERONNEAU, JACQUES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is described a hand-held dental instrument for detection of carious lesions which includes a handle portion defining a longitudinal axis therethrough and at least a first working end, mounted on the handle portion, which includes a probe body extending from the handle portion and a probe tip disposed at a remote end. The probe tip is configured for exploring teeth and/or periodontal pockets. The probe body is curved and has a curette portion disposed on the probe body between the handle portion and the probe tip, the curette portion having at least two scraping fins each defining a curved blade for removing at least one of biofilm, plaque and tartar from a curved tooth surface.

No. of Pages: 41 No. of Claims: 30

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: NON-NATURAL SHORT CATIONIC ANTIMICRBIAL LIPOPEPTIDES •

(51) International classification	:C07K5/11	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAYPEE UNIVERSITY OF INFORMATION
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :Jaypee University of Information
(86) International Application No	:NA	Technology, Waknaghat, Solan-173 234, H.P., India Himachal
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GOPAL SINGH BISHT
Filing Date	:NA	2)SANDEEP LOHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel series of synthetic lipopeptides as antimicrobial agents. The synthetic lipopeptides are composed of non-genetically coded cationic amino acid ornithine (Orn) covalently attached through a linker to fatty acid chain of varying length. Antimicrobial lipopeptides of present invention are effective against a broad spectrum of antibiotic resistant microbes including bacteria and fungi.

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

(22) Date of filing of Application :24/07/2014 (43)

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD FOR OPERATING INTERNAL COMBUSTION ENGINE IN EMERGENCY OPERATION MODE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D41/04 :102013218505.7 :16/09/2013 :Germany :PCT// :01/01/1900 : 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)REINOEHL, Markus 2)JACOB, Adrian 3)MUEHLBAUER, Thomas 4)CUPL, Zdenek
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(57) Abstract:

The present subject matter relates to a method for operating an internal combustion engine in an emergency operation mode. A pressure relief valve (160), which connects a high-pressure region (120) of a fuel supply device (100) to a low pressure region (130), opens, when a pressure of the fuel in the high pressure region exceeds a release pressure value. The emergency operation mode is initiated, when the pressure limiting valve opens.

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

(22) Date of filing of Application :26/04/2012

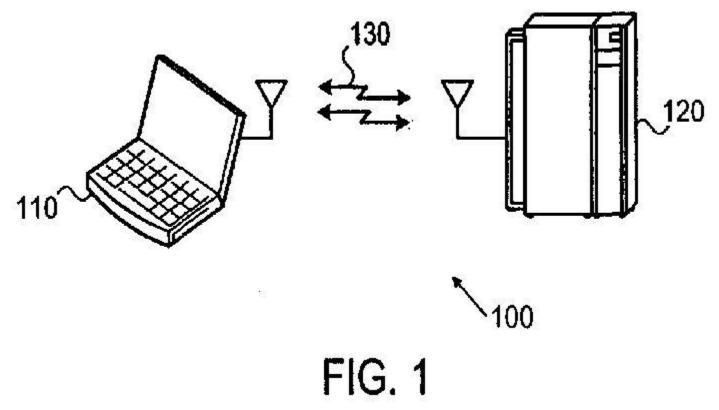
(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD AND SYSTEM FOR IMPROVING WIRELESS LINK ROBUSTNESS USING SPATIAL DIVERSITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No. 	:H04B 7/04 :12/647,233 :24/12/2009 :U.S.A.	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant: 2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CALIFORNIA 95052,
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2010/058734 :02/12/2010 :WO 2011/078951 :NA :NA :NA	UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)PARK, MINYOUNG

(57) Abstract:

A system and method for using spatial diversity for improving link quality, particularly wireless link communication. A plurality of propagation paths are used simultaneously for a wireless link, and a plurality of strong propagation paths are selected from among available propagation paths. Propagation path measurements are made to determine strong signal propagation paths. An array antenna at a transmitter and at a receiver are controlled to communicate over a plurality of simultaneous signal propagation paths.



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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FAST BRANCH-FREE VECTOR DIVISION COMPUTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 7/487 :NA :NA :NA :NA :PCT/RU2009/000727 :25/12/2009 :WO 2011/078725 :NA :NA	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant: 2200 MISSION COLLEGE BLVD., M/S: RNB4-150, SANTA CLAIFORNIA 95052, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)KOLESOV, ANDREY IVANOVICH 2)KURIAKIN, VALERY FEDOROVICH 3)GUSEVA, MARIA VALERIEVNA
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(57) Abstract:

Methods and apparatus for double precision division/inversion vector computations on Single Instruction Multiple Data (SIMD) computing platforms are described. In one embodiment, an input argument is represented by an exponent portion and a fraction portion. The fraction portions are scaled, inverted, and multiplied to generate an inverse version of the input argument. In an embodiment, the inversion of the exponent portion may be done by changing the sign of the exponent. Other embodiments are also described.

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

(22) Date of filing of Application :26/04/2012

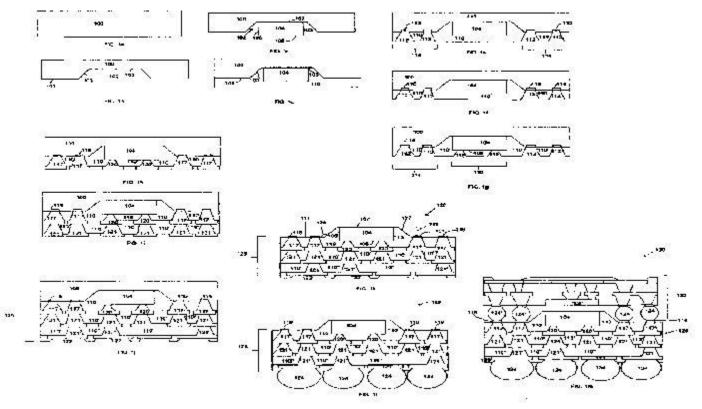
(43) Publication Date: 06/11/2015

(54) Title of the invention: RECESSED AND EMBEDDED DIE CORELESS PACKAGE

(51) International classification	:H01L 23/485	(71)Name of Applicant:
(31) Priority Document No	:12/655,321	1)INTEL CORPORATION
(32) Priority Date	:29/12/2009	Address of Applicant :2200 MISSION COLLEGE
(33) Name of priority country	:U.S.A.	BOULEVARD, MS: RNB-4-150, SANTA CLARA,
(86) International Application No	:PCT/US2010/059197	CALIFORNIA 95052, UNITED STATES OF AMERICA U.S.A.
Filing Date	:07/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/090568	1)GUZEK, JOHN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods of forming a microelectronic packaging structure and associated structures formed thereby are described. Those methods may include forming a cavity in a plating material to hold a die, attaching the die in the cavity, forming a dielectric material adjacent the die, forming vias in the dielectric material adjacent the die, forming PoP lands in the vias, forming interconnects in the vias, and then removing the plating material to expose the PoP lands and die, wherein the die is disposed above the PoP lands.



No. of Pages: 19 No. of Claims: 30

(22) Date of filing of Application :26/04/2012

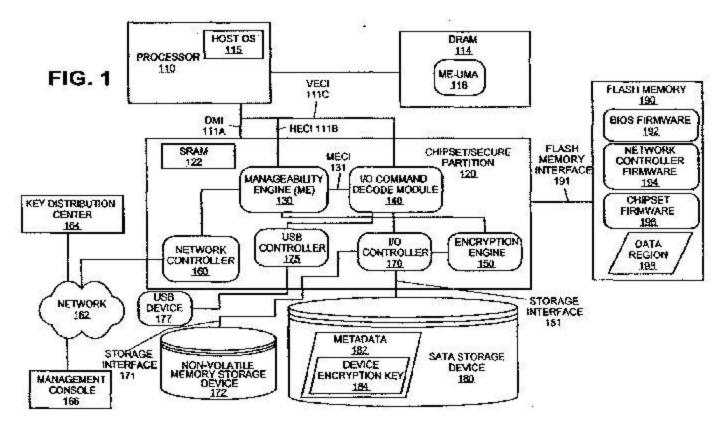
(43) Publication Date: 06/11/2015

(54) Title of the invention: PROTECTED DEVICE MANAGEMENT

(51) International classification	:G06F 21/20	(71)Name of Applicant:
(31) Priority Document No	:12/653,796	1)INTEL CORPORATION
(32) Priority Date	:21/12/2009	Address of Applicant :2200 MISSION COLLEGE
(33) Name of priority country	:U.S.A.	BOULEVARD, MS: RNB-4-150, SANTA CLARA,
(86) International Application No	:PCT/US2010/058228	CALIFORINA 95052, UNITED STATES OF AMEIRCA U.S.A.
Filing Date	:29/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/084265	1)SMITH, NED, M.
(61) Patent of Addition to Application	:NA	2)MOORE, VICTORIA, C.
Number	:NA	3)GROBMAN, STEVEN, L.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method, apparatus, system, and computer program product for management of storage devices protected by encryption, user authentication, and password protection and auditing schemes in virtualized and non-virtualized environments.



No. of Pages: 54 No. of Claims: 24

(22) Date of filing of Application :09/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : Side Airbag Apparatus

(51) International classification	·B60D21/20	(71)Name of Applicant:
(31) international classification		1 1 1
(31) Priority Document No	:2013-	1)Suzuki Motor Corporation
•	121868	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:10/06/2013	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT//	1)SHIBAYAMA, Koji
Filing Date	:01/01/1900	2)KAWABE, Hitoshi
(87) International Publication No	: NA	3)HABA, Makoto
(61) Patent of Addition to Application Number	:NA	4)KUBOTA, Jun
Filing Date	:NA	5)SAKURAI, Akihiro
(62) Divisional to Application Number	:NA	6)SEKINE, Akira
Filing Date	:NA	7)KONDO, Naoya

(57) Abstract:

Disclosed is a side airbag apparatus capable of accurately deploying and inflating an airbag at a side of a region extending from a chest region to a head of an occupant. The side airbag apparatus supplies inflation gas from an inflator assembly 30 to an airbag 40 in response to an impact applied from a lateral direction of a vehicle, and deploys and inflates the airbag 40 between an occupant P seated in a vehicle seat 12 and a side wall of the vehicle in a region extending from the chest region to a head PH of the occupant P. The airbag 40 is divided by a partition 50 extending in a substantially vertical direction into a front inflation chamber 47 and a rear inflation chamber 46, and the inflator assembly 30 is disposed at a lower portion of the rear inflation chamber 46. The partition 50 is provided with an upper communication hole 54 to communicate the rear inflation chamber 46 and the front inflation chamber 47, at the portion which is the side of the head PH of the occupant P, and the partition 50 is provided with a lower communication hole 55 to communicate the rear inflation chamber 46 and the front inflation chamber 47, at a portion which is the side of the chest region of the occupant P. An opening area of the lower communication hole 55 is set to be equal to or larger than that of the upper communication hole 54.

No. of Pages: 38 No. of Claims: 5

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SURFACE-COATED STRUCTURES AND METHODS

(51) International classification	:C09D 189/00	(71)Name of Applicant:
(31) Priority Document No	:61/249,934	1)ARCH BIOPHYSICES, INC.
(32) Priority Date	:08/10/2009	Address of Applicant :9 CHELSEA MANOR, SHERWOOD
(33) Name of priority country	:U.S.A.	PARK, ALBERTA T8H 1H2, CANADA Canada
(86) International Application No	:PCT/CA2010/001612	(72)Name of Inventor:
Filing Date	:08/10/2010	1)IRVIN, RANDALL, THOMAS
(87) International Publication No	:WO 2011/041906	2)DAVIS, ELISABETH, MELIKA
(61) Patent of Addition to Application	:NA	3)LI, DONG YANG
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for covalently attaching a compound to a stainless steel, tin, iron, or titanium substrate, by contacting exposed surface(s) of the substrate with a synthetic pilin peptide containing a disulfide loop derived from the C-terminal receptor binding protein of Type IV P. aeruginosa (T4P) pilin, to bind the pilin peptide to the exposed surface(s), and covalently attaching the compound to the pilin peptide. Also disclosed are a substrate formed by the method and a biosensor device that uses the uses. Also disclosed are methods for improving the corrosion resistance, adhesive force, hardness and electron work function of certain metals.

No. of Pages: 65 No. of Claims: 27

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: A SUPPORT FRAME FOR A TRAILER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/09/2010 :WO 2011/051828 :NA	(71)Name of Applicant: 1)TUBE TRAILER CLOSE CORPORATION Address of Applicant: 2 LAPPAN STREET, TENNANTVILLE, STELLENBOSCH, 7600 WESTERN CAPE, REPUBLIC OF SOUTH AFRICA, South Africa (72)Name of Inventor: 1)PRINS, FLOORS DAWID
* * * * * * * * * * * * * * * * * * *	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A support frame (10) for a vehicle comprises an elongate hollow load bearing support member (12), the support member being generally horizontally disposed in relation to a support surface for supporting a load to be conveyed. The support frame includes mounting means for mounting the support member to the suspension frame assembly (14) of the vehicle. The hollow support member is internally segmented to define a plurality of stowage compartments (22) for stowing one or types of transportable goods, preferably flowable substances, in use.

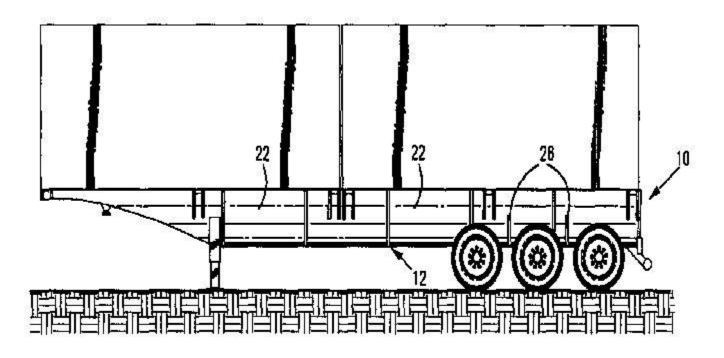


FIG 1

No. of Pages: 13 No. of Claims: 12

(22) Date of filing of Application :26/04/2012 (43) F

(43) Publication Date: 06/11/2015

(54) Title of the invention : NUTRITIONAL COMPOSITIONS INCLUDING A HIGH PROTEIN COMPONENT AND EXOGENOUS NUCLEOTIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23L 1/29 :61/264,405 :25/11/2009 :U.S.A. :PCT/US2010/57310 :19/11/2010 :WO 2011/066175 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND Switzerland (72)Name of Inventor: 1)GREENBERG, NORMAN ALAN 2)MILLER, KEVIN BURKE 3)ROUGHEAD, ZAMZAM (FARIBA)
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(57) Abstract:

Nutritional compositions and methods of making and using the nutritional compositions are provided. In a general embodiment, the present disclosure provides a nutritional composition including a high protein component and one or more exogenous nucleotides. The nutritional compositions can be specifically used to accelerate and improve wound healing in a mammal.

No. of Pages: 27 No. of Claims: 21

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR COEXISTENCE OF PLURAL WIRELESS COMMUNICATION TRANSCEIVERS IN CLOSE PROXIMITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/261,777 :17/11/2009 :U.S.A.	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant:SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)WILHELMSSON, LEIF 2)STATTIN HANS 3)CARLBERG, ERIK 4)MATTISSON, SVEN
(62) Divisional to Application Number Filing Date	:NA :NA	
-		

(57) Abstract:

A communication device has a controller operatively connected to at least a first transceiver and a second transceiver, wherein the first transceiver receives signals on one or more channels within a first frequency band and the second transceiver transmits signals on one or more channels within a second frequency band, wherein the first and second frequency bands are adjacent one another so that each of the first and second frequency bands has an adjacent border and a nonadjacent border. Coexistence between the first and second transceivers is achieved by adjusting receive and/or transmit filters associated with the transceivers to create a guard band that is located more in the first frequency band if the second transceiver is using frequencies close to its adjacent border, and a guard band that is more in the second frequency band if the second transceiver is not using frequencies close to its adjacent border.

No. of Pages: 55 No. of Claims: 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1676/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :23/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : Vehicle Lower Part Structure

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	B60K11/04 :2013- 131481 :24/06/2013 :Japan :PCT// :01/01/1900	Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan (72)Name of Inventor: 1)MOCHIZUKI, Shinei 2)KURIAGE, Yoshitaka
Filing Date (87) International Publication No	:01/01/1900 : NA	
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

There is provided a vehicle lower part structure having a floor panel forming a floor surface of a vehicle. A floor tunnel is arranged at a center of the floor panel in a vehicle width direction. The floor tunnel projects upwardly extending in a vehicle front-rear direction and has stiffness higher than the floor panel. A first cross member is coupled to the floor tunnel. The first cross member extends in the vehicle width direction and has stiffness higher than the floor panel. One or more depression parts protruding downwardly and comprising a curved surface and protruding parts formed at the depression parts and protruding upwardly are formed in an area of the floor panel, which is partitioned by the floor tunnel and the first cross member. A second cross member intersects with at least one of the depression parts across the partitioned area. The second cross member is coupled to the protruding part formed at the at least one of the depression parts with which the second cross member intersects.

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

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : CALIBRATION METHOD AND ANGLE MEASURING METHOD FOR AN ALGLE MEASURING DEVICE, AND ANGLE MEASURING 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 	:25/11/2010 :WO 2011/064317 :NA :NA :NA	(71)Name of Applicant: 1)LEICA GEOSYSTEMS AG Address of Applicant: HEINRICH-WILD-STRASSE, CH- 9435 HEERBRUGG (CH) Switzerland (72)Name of Inventor: 1)LIPPUNER, HEINZ 2)VOKINGER, URS 3)SIERCKS, KNUT
Filing Date	:NA	

(57) Abstract:

The invention relates to a calibration method that can be carried out without a reference system for an angle measuring device having a code carrier (2) carrying an absolute position code, and at least two reading heads (la and lb) comprising a fixed, known angle position (4) at an angular distance, in particular of more than (50) degrees, relative to each other, in particular wherein at least one of the angle distances between adjacent reading heads (la,lb,lc,ld) differs from the other angle distances, and each detecting the position code at least partially, such that an absolute angle position value of each reading head can be determined relative to the code carrier, wherein the code carrier can be rotated (3) relative to the reading heads, and different angle positions of the code carrier relative to the reading heads can thus be captured, comprising the steps of: determining the angle position values of the reading heads (la and lb) in an angular setting; determining an angular error by comparing the difference of the angle position values of the reading heads to the known angular location (4) of the reading heads (la and lb) relative to each other; repeating the determining of the angle position values and the angular error for a plurality of varying angle settings, and performing a mathematical analysis method, comprising determining the parameters of a mathematical function quantifying the angular error, and determining calibration parameters as parameters of the quantifying mathematical function or as a correction or code table derived from the parameters.

No. of Pages: 53 No. of Claims: 15

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PYRIMIDINE COMPOUNDS AS DELTA OPIOID RECEPTOR MODULATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 401/14 :61/256,405 :30/10/2009 :U.S.A. :PCT/US2010/054489 :28/10/2010 :WO 2011/053705 :NA :NA :NA	(71)Name of Applicant: 1)JANSSEN PHARMACEUTICA NV Address of Applicant: TURNHOUTSEWEG 30, BEERSE, BELGIUM Belgium (72)Name of Inventor: 1)STEVEN J. COATS 2)HAIYAN BIAN 3)PETER J. CONNOLLY 4)GILLES BIGNAN 5)CHAOZHONG CAI 6)SCOTT L. DAX 7)BART L.DECORTE 8)SHU-CHEN LIN 9)LI LIU 10)MARK J. MACIELAG 11)PHILIP M. PITIS 12)YUE-MEI ZHANG 13)BIN ZHU 14)WEI HE
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(57) Abstract:

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula I as follows: Formula I wherein R1, R2, R3, and L, A, and Ra are defined herein.

No. of Pages: 280 No. of Claims: 29

(22) Date of filing of Application :26/04/2012

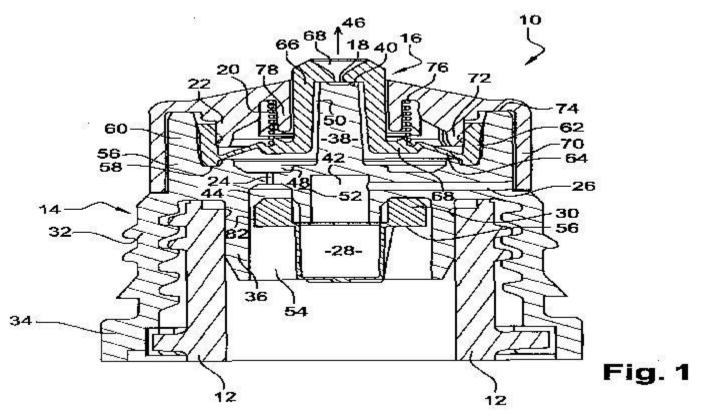
(43) Publication Date: 06/11/2015

(54) Title of the invention: DEVICE FOR DISPENSING LIQUID IN THE FORM OF DROPS

(51) International classification	:B05B 11/04	(71)Name of Applicant:
(31) Priority Document No	:0957640	1)REXAM HEALTHCARE LA VERPILLIERE
(32) Priority Date	:29/10/2009	Address of Applicant :20, AVENUE DE LA GARE, F-38290
(33) Name of priority country	:France	LA VERPILLIERE, FRANCE France
(86) International Application No	:PCT/FR2010/052258	(72)Name of Inventor:
Filing Date	:22/10/2010	1)GAETAN PAINCHAUD
(87) International Publication No	:WO 2011/051602	2)GUILLAUME GREVIN
(61) Patent of Addition to Application	:NA	3)XAVIER JULIA
Number	:NA	4)THIERRY DECOCK
Filing Date	.IVA	5)THIERRY RIMLINGER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The device for dispensing liquid comprises: - a liquid reservoir (12) which can be deformed so as to dispense liquid by pressing on the reservoir (12), - a liquid-dispensing end piece (10) fitted on the reservoir (12), - a channel (24, 50) for the passage of liquid, - a channel (26) for the passage of air from the outside to the inside of the reservoir, the channel (26) for the passage of air being closed off by a member (28) made of an air-permeable polymeric material, this material being non-porous, the member (28) being called the air-permeable member (28).



No. of Pages: 15 No. of Claims: 12

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A STRETCHABLE ELECTRONIC CIRCUIT AND METHOD FOR MAKING THE SAME

(51) International classification	:H05K 1/00	(71)Name of Applicant:
(31) Priority Document No	:60/790,104	1)THE BOARD OF TRUSTEES OF THE UNIVERSITY
(32) Priority Date	:07/04/2006	OF ILLINOIS
(33) Name of priority country	:U.S.A.	Address of Applicant :352 Henry Administration Building,
(86) International Application No	:PCT//	506 South Wright Street, Urbana, Illinois 61801, United States of
Filing Date	:01/01/1900	America; U.S.A.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ROGERS, John A.
Filing Date	:NA	2)SUN, Yugang
(62) Divisional to Application Number	:1366/DEL/2006	3)KHANG, Dahl-Young
Filed on	:08/06/2006	

(57) Abstract:

ABSTRACT A STRETCHABLE ELECTRONIC CIRCUIT AND METHOD FOR MAKING THE SAME • The present invention provides stretchable, and optionally printable, semiconductors and electronic circuits capable of providing good performance when stretched, compressed, flexed or otherwise deformed. Stretchable semiconductors and electronic circuits of the present invention preferred for some applications are flexible, in addition to being stretchable, and thus are capable of significant elongation, flexing, bending or other deformation along one or more axes. Further, stretchable semiconductors and electronic circuits of the present invention may be adapted to wide range of device configurations to provide fully flexible electronic and opto-electronic devices.

No. of Pages: 105 No. of Claims: 55

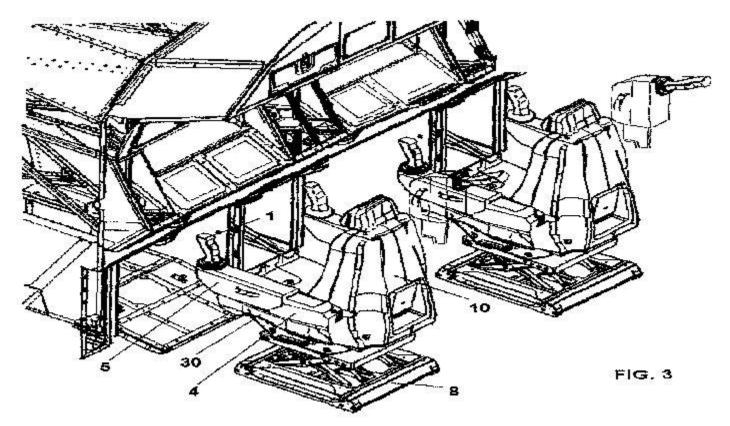
(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONTROL POST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:200930930 :29/10/2009 :Spain :PCT/ES2010/070699 :27/10/2010 :WO 2011/051533 :NA :NA	(71)Name of Applicant: 1)EADS CONSTRUCCIONS AERONAUTICAS S.A. Address of Applicant: AVDA. DE ARAGON, 404, E-28022 MADRID, SPAIN Spain (72)Name of Inventor: 1)MIGUEL GASCO NUNEZ 2)SANTIAGO FLORES GIRALDO
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	:NA :NA :NA	

(57) Abstract:

Control station which comprises: a seat (10) for the operator of the said control station, the seat (10) comprising at least one arm rest (30), and a control and command assembly, said assembly comprising a control stick (1) with controls, mechanical components for transmitting and generating forces and movement to and from the control stick (1), components (17) for measuring the position of the control stick (1), and electronic components which are connected to the control stick (1) and via which the control and command assembly is operated, the control stick (1) of the said control station being incorporated in the seat (10), the control stick (1) being situated moreover on the armrest (30).



No. of Pages: 23 No. of Claims: 13

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : CO-CRYSTAL OF 4-{ [(6-CHLOROPYRID-3-YL)METHYL](2,2-DIFLUOROETHYL)AMINO}FURAN-2(5H)-ONE WITH BENZOIC ACID AND USE THEREOF AS A PESTICIDE

(51) International classification	:C07D 405/12	(71)Name of Applicant:
(31) Priority Document No	:09013509.6	1)BAYER TECHNOLOGY SERVICES GMBH
(32) Priority Date	:27/10/2009	Address of Applicant :51368 LEVERKUSEN, GERMANY
(22) Name of mismits, country	:EUROPEAN	Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/066093	1)MARTIN WEISS
Filing Date	:26/10/2010	2)DIRK STORCH
(87) International Publication No	:WO 2011/051240	3)WOLFGANG WIRTH
(61) Patent of Addition to Application	.NI A	4)BRITTA OLENIK
Number	:NA	5)HANS-CHRISTOPH WEISS
Filing Date	:NA	6)ULRICH SCHWIEDOP
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

(57) Abstract:

The invention relates to novel co-crystals of $4-\{\{(6-chloropyrid-3-yl)methyl\}(2,2-difluoroethyl)amino\}$ furan-2(5H)-one with benzoic acid, to processes for the preparation thereof and to the use thereof.

No. of Pages: 23 No. of Claims: 14

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SEAL FOR AN OSTOMY APPLIANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F 5/449 :PA 2009 70187 :02/11/2009 :Denmark :PCT/DK2010/050293 :02/11/2010 :WO 2011/050816 :NA :NA :NA	(71)Name of Applicant: 1)COLOPLAST A/S Address of Applicant: HOLTEDAM 1, DK-3050 HUMLEBAEK, DENMARK Denmark (72)Name of Inventor: 1)THOMAS BATES JACKSON 2)ALASTAIR WILLOUGHBY 3)GARY STACEY
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(57) Abstract:

The present invention relates to a sealing wafer (1) adapted to be arranged in a stoma receiving hole (5) of a base plate (2) comprising an attachment platform extending from an outer edge adapted to be attached to the base plate towards an in-ner edge defining a through-going hole (17) for receiving a stoma, the sealing wafer further comprising at least a first urging part extending transversely from the proximal surface facing towards the user during use of the attachment platform and wherein the first urging part is resilient in the direction transverse to the proximal surface. This provides a sealing wafer which is particularly suitable for use with a stoma around which the skin has an uneven curvature, such as a retracted stoma wherein the stoma has pulled back resulting in a crater-like area.

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

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: INTEGRATED SECURITY SYSTEM WITH PARALLEL PROCESSING ARCHITECTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F 15/16 :61/246,467 :28/09/2009 :U.S.A. :PCT/US2010/050585 :28/09/2010 :WO 2011/038409 :NA :NA	(71)Name of Applicant: 1)ICORTROL NETWORKS, INC. Address of Applicant:555 TWIN DOLPHIN DRIVE, SUITE 280, REDWOOD CITY, CA 94065 (US) U.S.A. (72)Name of Inventor: 1)RAJI, REZA 2)WOOD, AARON 3)HAZBUN, ROBERT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An integrated security system that includes a security coprocessor coupled to a conventional security system panel and an interactive security system. The integrated security system enables conventional security system features as well as the consumer- oriented interactive features and functions of an interactive security system without sacrificing reliability or the significant burden and cost associated with frequent software updates associated with conventional security systems. The integrated security system also minimizes or eliminates the need for new battery backup circuitry or larger batteries.

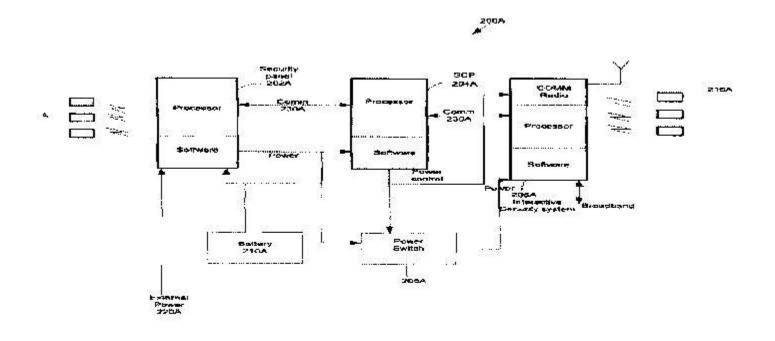


Figure 2A.

No. of Pages: 141 No. of Claims: 96

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : OPPORTUNITY BASED PATH COMPUTATION SYSTEMS AND METHODS IN CONSTRAINT-BASED ROUTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04J14/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CIENA CORPORATION Address of Applicant: 7035 Ridge Road Hanover, MD 21076, USA U.S.A. (72)Name of Inventor: 1)SAREEN, Jatin 2)JUNEJA, Kapil 3)KANNAN, Rajagopalan
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method, a controller, and a network include determining an opportunity cost metric for each of a plurality of links in a network including a plurality of nodes, wherein the opportunity cost metric comprises a future constraint reflecting expectations for growth on currently established connections on each link of the plurality of links; receiving a request for a new connection between two nodes of the plurality of nodes in the network; and utilizing a constraint-based routing algorithm to determine a path for the new connection between the two nodes, wherein the constraint-based routing algorithm determines the path through the plurality of nodes via the plurality of links based on a plurality of constraints including the opportunity cost metric.

No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : EXTENDABLE VERTICAL MAGNETIC LEVITATING ROTOR AXLE IN ELECTRICT GENERATOR AND IN PERPETUAL ELECTRIC GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F02B63/04 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ROY, BABUL Address of Applicant:S-109, NIVEDITA KUNJ, MS APPARTMENT, R.K. PURAM SECTOR-10 NEW DELHI- 110022 Delhi India (72)Name of Inventor: 1)ROY, BABUL
•		1)ROY, BABUL
Filing Date	:NA	

(57) Abstract:

Extendable vertical magnetically levitated rotor axle comprising of multiple shaft segments and a frame structure. The each one of the shaft segments independently magnetically levitated by the opposite magnetic pole effect of one rotating and one fix permanent magnet. The rotor axle comprising of multiple shaft segments while in rotating motion will act as a single unite, but while to carry the load each segment will carry it independently without affecting the other. Thus giving a perfect multiple level extendable vertical weight reduction mechanism. The present invention has two operational embodiments. First: The rotor axle will be rotated with an automobile engine and the stator part of the generator will remain fixed on the frame structure. Since the rotor axle is fully magnetically levitated, the force of the generator loads will be substantially alleviated relieving both load and friction stress resulting greater rotational speed, and thus giving an energy efficient electric generator. Second: An electric motor will rotate the rotor axle earring the generator load. The stator part of the generator will remain fixed with the frame structure along the vertical rotor axle. Since the rotor axle is fully magnetically levitated, the force of the generator loads will be substantially alleviated relieving both load and friction stress resulting greater rotational speed. Since the addition of generator load on the levitating rotor axle will not correspondingly reduced the output efficiency of the rotor axle in terms of rotational speed in exact proportion, there will be advantage in output by some percentage points for every addition of load, and that at one point the output electrical energy generated in the generator will exceed the input electrical energy giving a perpetual electric generator.

No. of Pages: 17 No. of Claims: 14

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICES AND METHODS FOR CERVIX MEASUREMENT

(51) International classification	:A61B 1/303	(71)Name of Applicant:
(31) Priority Document No	:61/260,520	1)CERVILENZ INC.
(32) Priority Date	:12/11/2009	Address of Applicant :100 N. MAIN STREET, SUITE 300,
(33) Name of priority country	:U.S.A.	CHAGRIN FALLS, OH 44022 U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/056344	(72)Name of Inventor:
Filing Date	:11/11/2010	1)BAUER, JONATHAN, P
(87) International Publication No	:WO 2011/060138	2)KOCH, DEAN, R
(61) Patent of Addition to Application	:NA	3)MCCREADIE, PAUL, E
Number	:NA	4)ROSS, MECHAEL, GLENN
Filing Date	.11/1	5)BERKY, CRAIG, B
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for measuring a length of a cervix includes an elongate measurement member, a hollow member, a flange, a handle, and a locking mechanism. The elongate measurement member extends along a longitudinal axis and includes a measurement scale thereon. The hollow member is coaxial with and disposed over the elongate measurement member. The flange is offset from the longitudinal axis and attached to a distal end of the hollow member. The handle is attached to a proximal end of the measurement member. The locking mechanism is configured, when locked, to fix the hollow member relative to the measurement member and, when unlocked to allow the hollow member to slide along the measurement member and rotate about the longitudinal axis so as to place the flange in a desired position without moving the measurement scale.

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

(21) Application No.1175/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: TOUGHENING OF EPOXY MATERIAL WITH HORSE- HAIR REINFORCEMENT

(74)	G00 G #0 / 60	7127
(51) International classification	:C08G59/68	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NEEL KAMAL BATRA
(32) Priority Date	:NA	Address of Applicant :MECHANICAL ENGINEERING
(33) Name of priority country	:NA	DEPARTMENT, MAHARISHI MARKENDESHWAR
(86) International Application No	:NA	ENGINEERING COLLEGE, M.M. UNIVERSITY MULLANA
Filing Date	:NA	(AMBALA) Haryana India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)NEEL KAMAL BATRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to toughening of epoxy material with horse hair reinforcement. The epoxy resin is mixed with hardened in the same ratio and horsehairs are embedded in it. The tensile testing on plain epoxy hardener material is compared with horse hair reinforcement composite. From the results it has been found that the strength of the composite increased by reinforcement.

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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HYDRAULIC APPARATUS

(51) International classification	:F03B 13/14	(71)Name of Applicant:
(31) Priority Document No	:2009905560	1)CETO IP PTY. LTD.
(32) Priority Date	:13/11/2009	Address of Applicant :LEVEL 1, 16 ORD STREET, WEST
(33) Name of priority country	:Australia	PERTH, 6005, WESTERN AUSTRALIA, AUSTRALIA,
(86) International Application No	:PCT/AU2010/001530	Australia
Filing Date	:15/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/057358	1)ALLEN, GREG JOHN
(61) Patent of Addition to Application	:NA	2)CALJOUW, RUUD
Number	:NA	3)FIEVEZ, JONATHAN PIERRE
Filing Date	.IVA	4)KESSEL, DAVID
(62) Divisional to Application Number	:NA	5)LAXTON, NIGEL
Filing Date	:NA	6)MANN, LAURENCE DREW

(57) Abstract:

A closed-loop hydraulic apparatus 200 for converting wave energy comprises a pump 201 for pumping a fluid through the apparatus 200. The pump 201 includes a body 202 defining a chamber 203, and a piston 207 that partitions the chamber 203 into a working side 208 and a blind side 209. A buoyant actuator is connected to the piston 207. An inlet 64 is connected to the working side 208 of the chamber 203 so that the fluid is able to flow from the inlet 64 and into the working side 208 of the chamber 203. An outlet 63 is connected to the working side 208 of the chamber 203 so that the fluid is able to flow from the working side 208 of the chamber 203 to the outlet 63. A hydraulic controller 102 is operable to control the pump 201 by controlling the pressure of the fluid at the inlet 64 and the outlet 63 so as to optimise the output of the pump 201 in response to tidal variations and/or sea state. The pressure of the fluid at the inlet 64 and the outlet 63 is controlled in accordance with a control algorithm.

No. of Pages: 59 No. of Claims: 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3694/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ANALGESIC THAT BINDS FILAMIN A

(51) International classification	:A01N 33/18	(71)Name of Applicant:
(31) Priority Document No	:12/607,883	1)PAIN THERAPEUTICS, INC.,
(32) Priority Date	:28/10/2009	Address of Applicant :2211 BRIDGEPOINTE PKWY, SUITE
(33) Name of priority country	:U.S.A.	500, SAN MATEO, CALIFORNIA 94404, UNITED STATES
(86) International Application No	:PCT/US2009/062579	OF AMERICA, U.S.A.
Filing Date	:29/10/2009	(72)Name of Inventor:
(87) International Publication No	:WO 2011/051374	1)BURNS BARBIER, LINDSAY
(61) Patent of Addition to Application	:NA	2)WANG, HOAU-YAN
Number	:NA	3)LIN, NAN-HORNG
Filing Date	.IVA	4)BLASKO, ANDREI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A compound, composition and method are disclosed that can provide analgesia. A contemplated compound has a structure that corresponds to Formula A, wherein A, B, X, R1, R2, R7 and R8, and the dashed lines are defined within.

No. of Pages: 156 No. of Claims: 32

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FILAMIN A-BINDING ANTI-INFLAMMATORY ANALGESIC

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A01N 33/18 :12/609,518 :30/10/2009 :U.S.A. :PCT/US2009/062823 :30/10/2009 :WO 2011/051476 :NA	(71)Name of Applicant: 1)PAIN THERAPEUTICS, INC., Address of Applicant: 2211 BRIDGEPOINTE PKWY, SUITE 500, SAN MATEO, CALIFORNIA 94404, UNITED STATES OF AMERICA, U.S.A. (72)Name of Inventor: 1)BURNS BARBIER, LINDSAY 2)WANG, HOAU-YAN 3)LIN, NAN-HORNG 4)BLASKO, ANDREI
Number		3)LIN, NAN-HORNG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A compound, its pharmaceutically acceptable salt, a composition containing the same and method of treatment that can provide analgesia and/or reduce inflammation are disclosed. A contemplated compound has a structure that corresponds to Formula A, wherein G, W, Q, Z, D, E, F, K, Y, d, e, f, k, n, m, and circle B and all R groups are defined within.

No. of Pages: 237 No. of Claims: 35

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: LARGE-SCALE VERTICAL-AXIS HYBRID TURBINE, ROTOR AND FLYWHEEL 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 	:F02B 63/04 :USSN 61/278,813 :13/10/2009 :U.S.A. :PCT/US2010/002738 :13/10/2010 :WO 2011/046603 :NA :NA	(71)Name of Applicant: 1)TIANCHON, CARMELITO, B. Address of Applicant:253-14 147TH AVENUE, QUEENS NEW YORK CITY, NY 11422 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)TIANCHON, CARMELITO, B.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention comprised a vertical-axis rotor system features a large flywheel assembly having a rim assembly 73, stationary drive assemblies 74, wind vane members 58, sail members 98 all powers the rotor to speed of 20 rpm; a vertical-axis spindle member 66 secured by means at least on floor 61 of the enclosure system such as a building 50; said flywheel comprises plurality of lateral lever members 69 spoke members 71 respectively attached laterally to spindle member 66 and suspended respectively by stay member 70, 72 into a state of equilibrium against gravity; plurality of generator set members 76 are provided mounted to said floors each with respective drive means connected to said spindle - unitary into a generation system with features to produced large-scale cost effective and reliable renewable electricity, environmentally friendly, unitary modular, easily upgradable and buildable closer to the end consumers.

No. of Pages: 35 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1574/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR PRODUCING AQUEOUS ENTERIC COATING LIQUID, SOLID PREPARATION, AND METHOD FOR PRODUCING SAME

(31) Priority Document No :2013- 12554.	31/525 1)SHIN-ETSU CHEMICAL CO., LTD. Address of Applicant :6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN Japan (72)Name of Inventor: 1)KIKUCHI, Shingo 2)HOSHINO, Takafumi
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(57) Abstract:

An enteric preparation having a film-forming property and acid resistance is provided by using a simple and efficient method without using a special cooling apparatus. More specifically, provided is a method for producing an aqueous enteric coating liquid comprising the steps of: partially neutralizing an aqueous suspension comprising a cellulosic enteric material with an aqueous alkali solution, and mixing the partially-neutralized aqueous suspension with a plasticizer. Also provided is a solid preparation comprising a drug-comprising core and a coating portion obtained by coating the core with the produced aqueous enteric coating liquid. Further, provided is a method for producing a solid preparation, comprising respective steps in the method for producing an aqueous enteric coating liquid and a step of coating a drug-comprising core with the produced aqueous enteric coating liquid.

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

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : POLYACETYLENE AND CHLORINATED POLYACEYTLENE AND PRODUCTION PROCESSES THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Publication No Filing Date (52) Section Section Section Section Number Filing Date (53) Name of priority country (10) Sun Section	(71)Name of Applicant: 1)LUBRIZOL ADVANCED MATERIALS INC. Address of Applicant:9911 Brecksville Road Cleveland Ohio 44141 3247 U.S.A. (72)Name of Inventor: 1)FIELDS Garry L. 2)BURRINGTON James D. 3)OLAH Andrew L.
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(57) Abstract:

The present invention is directed to a heterogeneous gas phase polymerization process to produce true polyacetylene (PA; C2H2) in powder form, and the resultant PA product. The present invention is additionally directed to a chlorinated poly acetylene (CPA) compound comprised of primarily CHCl units and CH double bond units. The CPA compound can be comprised of at least 67.3 wt% CI, and have a weight average molecular weight (Mw) as measured by GPC of greater than 30,000 and contain less than 1.0 mol% carbon-carbon branching. The CPA compound according to the invention can exhibit a glass transition temperature (Tg) of at least about 185 °C to about 270 °C.

No. of Pages: 36 No. of Claims: 19

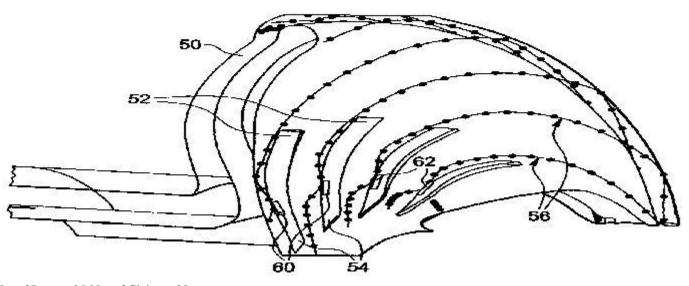
(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DROPLET CATCHER FOR CENTRIFUGAL COMPRESSOR

(57) Abstract:

A liquid droplet catching device installed in a compressor impeller, the device includes an aperture disposed on a surface of the impeller and configured to receive the liquid droplet, and a channel disposed beneath and in fluid communication with the aperture, wherein in the channel is configured to direct the liquid droplet away from the aperture and out of the compressor impeller.

FIG. 5



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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ORAL CARE SYSTEM

(51) International classification	:A46B 11/02	(71)Name of Applicant:
(31) Priority Document No	:PCT/US2009/069408	1)COLGATE-PALMOLIVE COMPANY
(32) Priority Date	:23/12/2009	Address of Applicant :300 PARK AVENUE, NEW YORK,
(33) Name of priority country	:PCT	NEW YORK 10022, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/060861	(72)Name of Inventor:
Filing Date	:16/12/2010	1)JIMENEZ EDUARDO
(87) International Publication No	:WO 2011/079025	2)BERGE GARY LEE
(61) Patent of Addition to Application	:NA	3)KENNEDY SHARON
Number	:NA	4)GATZEMEYER JOHN
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A portable oral care system and method comprising an oral care implement such as a toothbrush having a detachable handle portion in some embodiments forming a dispenser containing an oral care product. In one embodiment, the dispenser may be configured as a dispensing pen having a dispensing orifice or applicator at one end. The dispenser may include a ratchet-type fluid dispensing system for delivering the oral care product. In some embodiments, the dispenser includes a self-biasing push button actuator formed of a deformable elastomeric material with an elastic memory. A user may detach the dispenser from the toothbrush, apply the product to an oral surface by depressing the actuator, and re-mount the dispenser in the toothbrush for storage.

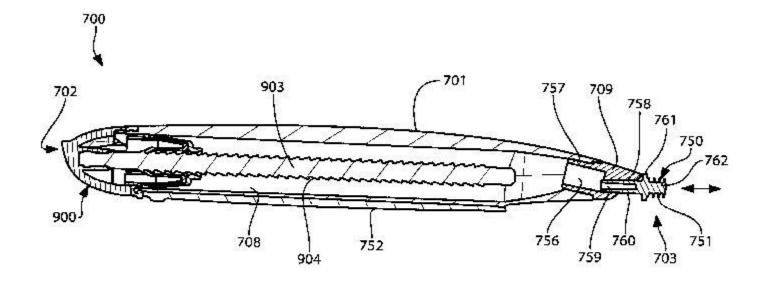


FIG. 26

No. of Pages: 92 No. of Claims: 35

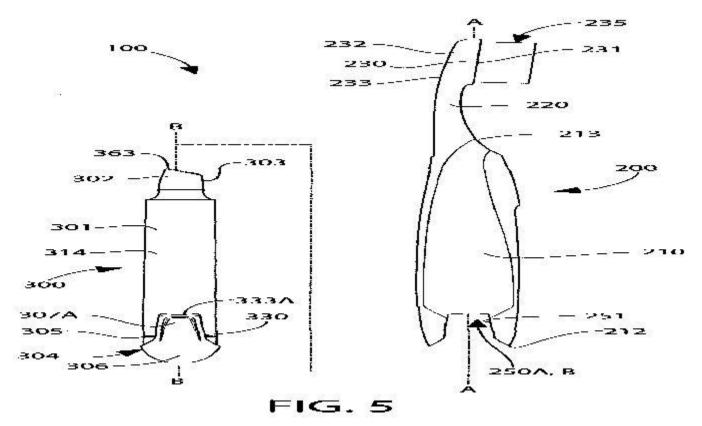
(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ORAL CARE SYSTEM

(51) International classification	:A46B 11/00	(71)Name of Applicant:
(31) Priority Document No	:61/410514	1)COLGATE-PALMOLIVE COMPANY
(32) Priority Date	:05/11/2009	Address of Applicant :300 PARK, AVENUE, NEW YORK,
(33) Name of priority country	:U.S.A.	NY 10022, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/060877	(72)Name of Inventor:
Filing Date	:16/12/2010	1)JIMENEZ EDUARDO
(87) International Publication No	:WO 2011/079029	2)SORRENTINO ALAN
(61) Patent of Addition to Application	:NA	3)MOSKOVICH ROBERT
Number	:NA	
Filing Date	NY 4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An oral care system comprising an oral care implement, such as a toothbrush, and dispenser containing a fluid detachably coupled to the toothbrush. In one embodiment, the dispenser includes a reservoir containing a fluid and a rotatable actuator for dispensing the fluid from the dispenser; and the dispenser is alterable between: (i) a storage state in which the dispenser is detachably coupled to the toothbrush and a mechanical interference between a portion of the rotatable actuator and a portion of the toothbrush prohibits rotation of the rotatable actuator relative to the toothbrush; and (ii) an application state in which a user can rotate the rotatable actuator to dispense the fluid from the dispenser.



No. of Pages: 36 No. of Claims: 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1185/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: BLACK POWDER COATED STAINLESS STELL CHEESE PIPES/BOBBIN/TUBES

(51) International classification	:B29C51/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANIL SHAH
(32) Priority Date	:NA	Address of Applicant :718/8 FIRST B ROAD, BEHIND
(33) Name of priority country	:NA	KAMAL TOWER, SARDARPURA, JODHPUR Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANIL SHAH
(87) 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:

Low weight and high strength of stainless steel cheese pipes reduce the load in cheese winder as well as loom which increase the life of machine and also reduce the power consumption.

No. of Pages: 5 No. of Claims: 2

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : OUTER BRACKET FOR CYLINDRICAL VIBRATION-DAMPING DEVICE AND CYLINDRICAL VIBRATION-DAMPING DEVICE EQUIPPED WITH OUTER BRACKET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:2013- 114749	(71)Name of Applicant: 1)TOKAI RUBBER INDUSTRIES, LTD. Address of Applicant:1, Higashi 3-chome, Komaki-shi, Aichi 485-8550 Japan. Japan (72)Name of Inventor: 1)Nobuhiro HIRAZAWA 2)Masashi MORIKAWA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An outer bracket (10) for a cylindrical vibration-damping device equipped with a tube shaped part (12) in which a cylindrical vibration-damping device main unit (42) is configured to be inserted and attached, wherein a groove shaped stopper part (26) extending in a circumference direction of the tube shaped part (12) is fixed to an circumference surface of the tube shaped part (12) at opening side end parts of a pair of side wall parts (28), a bottom wall part (30) of the stopper part (26) is arranged facing the tube shaped part (12) on an outer circumference side thereof and extends in the circumference direction of the tube shaped part (12), and a connection corner part (32) between the side wall parts (28) and the bottom wall part (30) of the stopper part (26) extends with a curved outer surface shape.

No. of Pages: 22 No. of Claims: 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1633/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : A METHOD FOR MANUFACTURING A PRECURSOR FOR A PRIMARY PREFORM FOR OPTICAL FIBRES BY MEANS OF A PLASMA DEPOSITION PROCESS

Filing Date (87) International Publication No (87) International Publication No (87) International Publication No (87) International Publication No (88) International Publication No (89) Patent of Addition to Application Number Filing Date (80) Divisional to Application Number (81) Patent of Addition to Application Number (82) MATTHEUS JACOBUS NICOLAAS VAN STRALEN (83) JOHANNES ANTOON HARTSUIKER (84) GERTJAN KRABSHUIS	(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:2011077 :01/07/2013	(71)Name of Applicant: 1)DRAKA COMTEQ B.V. Address of Applicant: De Boelelaan 7, 1083 HJ, Amsterdam, The Netherlands Netherlands (72)Name of Inventor:
(61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA SIJOHANNES ANTOON HARTSUIKER 4)GERTJAN KRABSHUIS			` '
Filing Date :NA 4)GERTJAN KRABSHUIS (62) Divisional to Application Number :NA	(87) International Publication No	: NA	
(62) Divisional to Application Number :NA	• •		1 '
	ĕ		4)GERTJAN KRABSHUIS
	(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for manufacturing a precursor. In other words the present invention relates to a method for a primary preform for optical fibres by means of an internal plasma deposition process, which method comprises the steps of: providing a hollow substrate tube having a supply side and a discharge side; creating a first plasma reaction zone having first reaction conditions in the interior of said hollow substrate tube by means of electromagnetic radiation for effecting the deposition of non-vitrified silica layers on at least part of the inner surface of said substrate tube at or near a reversal point at the discharge side to provide a substrate tube having non-vitrified layers on at least a part of its inner surface; and subsequently creating a second plasma reaction zone having second reaction conditions in the interior of said hollow substrate tube by means of electromagnetic radiation for effecting the deposition of vitrified silica layers on said substrate tube having non-vitrified layers on at least a part of its inner surface to obtain a substrate tube having deposited non-vitrified and vitrified silica layers; and cooling the substrate tube having deposited non-vitrified and vitrified silica layers obtained in step iii) to obtain said precursor for a primary preform.

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CLONING EXPRESSION AND USE OF ACID PHOSPHOLIPASES

(51) International classification	:C11B 3/00	(71)Name of Applicant:
(31) Priority Document No	:10 2009 051 013.3	1)AB ENZYMES GMBH
(32) Priority Date	:28/10/2009	Address of Applicant :FELDBERGSTRASSE 78, 64293
(33) Name of priority country	:Germany	DARMSTADT, GERMANY Germany
(86) International Application No	:PCT/EP2010/066234	(72)Name of Inventor:
Filing Date	:27/10/2010	1)QUOC KHANH NGUYEN
(87) International Publication No	:WO 2011/051322	2)KORNELIA TITZE
(61) Patent of Addition to Application	:NA	3)TATIANA SCHWARZ
Number	:NA	4)SILVIA PALADINO
Filing Date	.11/1	5)VOLKER MARSCHNER
(62) Divisional to Application Number	:NA	6)PATRICK LORENZ
Filing Date	:NA	

(57) Abstract:

The invention relates to a DNA sequence, which codes for a polypeptide having phospholipase activity essentially without lipase activity, characterized in that the DNA sequence is selected from a) DNA sequences that comprise a nucleotide sequence according to SEQ ID NO: 1, b) DNA sequences that comprise the coding sequence according to SEQ ID NO: 1, c) DNA sequences that code for the protein sequence according to SEO ID NO: 2, d) DNA sequences that are coded for by the plasmid pPL3940-Topo2.5 with the restriction map according to figure 7, which is deposited under accession number DSM 22741, e) DNA sequences that hybridize under stringent conditions with one of the DNA sequences according to a), b), c) or d), f) DNA sequences that are related to the DNA sequences according to a), b), c), d) or e) due to the degeneration of the genetic code, and g) complementary strands to the sequences according to a) to f), wherein the DNA sequence is preferably derived from Aspergillus, and more preferably from Aspergillus fumigatus, and a polypeptide having phospholipase activity essentially without lipase activity selected from a) a polypeptide which is coded for by the coding part of a DNA sequence as defined above, b) a polypeptide having the sequence according to SEO ID NO: 2 or a sequence derived therefrom, which may be obtained by substitution, addition, deletion of one or more amino acid(s), c) a polypeptide having a sequence that has at least 83% identity with the amino acids 1 to 299 of SEQ ID NO: 2, d) a polypeptide which is coded for by a nucleic acid sequence which hybridizes under stringent conditions with (i) nucleotides 55 to 1106 of SEQ ID NO: 1, (ii) the cDNA sequence contained in nucleotides 55 to 1106 of SEQ ID NO: 1, (iii) a partial sequence of (i) or (ii) composed of at least 100 nucleotides, or (iv) a complementary strand of (i), (ii) or (iii), e) a variant of the polypeptide having SEQ ID NO: 2, comprising a substitution, deletion and/or insertion of one or more amino acid(s), f) allelic variants to amino acid sequences a) to e).

No. of Pages: 65 No. of Claims: 15

(21) Application No.1186/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :01/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: MICROBIOCIDAL HETEROBICYCLIC DERIVATIVES

(54) 5		
(51) International classification	:A01N43/78,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SYNGENTA PARTICIPATIONS AG
(32) Priority Date	:NA	Address of Applicant :Schwarzwaldallee 215, Basel, CH-
(33) Name of priority country	:NA	4058, Switzerland Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ZAMBACH Werner
(87) International Publication No	: NA	2)POULIOT Martin
(61) Patent of Addition to Application Number	:NA	3)LAMBERTH Clemens
Filing Date	:NA	4)MAHAJAN Atul
(62) Divisional to Application Number	:NA	5)GAGNEPAIN Julien Daniel Henri
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

Compounds of the formula I wherein the substituents are as defined in claim 1, are useful as a pesticides.

No. of Pages: 83 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1572/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: BATTERY MODULE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:61/839,965 :27/06/2013 :U.S.A.	(71)Name of Applicant: 1)SAMSUNG SDI CO., LTD. Address of Applicant: 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Korea Republic of Korea
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)SHI-DONG PARK
(87) International Publication No	: NA	2)JONG-HAN RHEE
(61) Patent of Addition to Application Number	:NA	3)TAE-YONG KIM
Filing Date	:NA	4)JUN-WOO CHO
(62) Divisional to Application Number	:NA	5)SEONG-JOON PARK
Filing Date	:NA	

(57) Abstract:

BATTERY MODULE A battery module includes a plurality of battery cells arranged in a first direction, a pair of end plates adjacent to outermost battery cells of the plurality of battery cells, the pair of end plates extending along the plurality of battery cells in a second direction and being spaced apart along the first direction, and at least one bush member coupled to each of the end plates. FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3620/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROTECTOR FOR CONTAINERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B65D 17/00 :U200930486 :30/09/2009 :Spain :PCT/ES2010/070592 :28/09/2010 :WO 2011/039395 :NA :NA	(71)Name of Applicant: 1)GONZALEZ SANCHEZ, JOSE FRANCISCO Address of Applicant: SALVADOR ESPRIU, 33, 1-B, CALDES DE MONTBU, E-08140 BARCELONA SPAIN Spain 2)CANA MARTINEZ, FRANCISCO JAVIER (72)Name of Inventor: 1)GONZALEZ SANCHEZ, JOSE FRANCISCO 2)CANA MARTINEZ, FRANCISCO JAVIER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a protector for containers for improving hygiene conditions, especially cans with an essentially cylindrical form, said protector comprising an upper protector element covering the upper part of the container and a lower ring arranged peripherally around the container connected to the upper protector element by means of a hinge section, said upper protector element comprising a tongue projecting towards the outside in a downwards direction from the body of said upper protector element and having a cambered form following the contour of the packaging.

No. of Pages: 11 No. of Claims: 8

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHODS FOR ANTIBODY LIBRARY SCREENING

(51) International classification	:G01N 33/68	(71)Name of Applicant:
(31) Priority Document No	:0422431.7	1)AFFITECH RESEARCH AS
(32) Priority Date	:08/10/2004	Address of Applicant :OSLO RESEARCH PARK,
(33) Name of priority country	:U.K.	GAUSTADALLEEN 21, N-0349, OSLO, NORWAY Norway
(86) International Application No	:PCT/GB2005/003866	(72)Name of Inventor:
Filing Date	:07/10/2005	1)STASSAR, MARIKE, JOSEE, JANNEKE, GERTRUD
(87) International Publication No	:WO 2006/038022	2)REIERSEN, HERALD
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:2240/DELNP/2007	
Filed on	:22/03/2007	

(57) Abstract:

The present invention provides an improved method of screening a library of molecules to identify or select one or more members thereof which are candidate binding partners for one or more target entities: (a) contacting an expression library with one or more target entities; (b) subjecting said target entities to at least one washing step; (c) separating target entities which have become bound to one or more members of the expression library from unbound members of the expression library by separation through an organic phase, thereby separating candidate binding partners for said target entities from other library members.

No. of Pages: 68 No. of Claims: 41

(21) Application No.3622/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SOLAR REFLECTIVE COATINGS AND COATING SYSTEMS

(51) International classification (31) Priority Document No	:C09D 5/00 :12/607,681	(71)Name of Applicant: 1)PPG INDUSTRIES OHIO, INC.
(32) Priority Date	:28/10/2009	Address of Applicant :3800 WEST 143RD STREET,
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2010/054084	CLEVELAND, OHIO 44111, UNITED STATES OF AMERICA U.S.A.
Filing Date	:26/10/2010	(72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application	:WO 2011/056564 :NA	1)DECKERE, ELDON L. 2)HELLRING, STUART D.
Number Filing Date	:NA :NA	3)MCQUOWN, STEPHEN G. 4)MINCH, BRITT A.
(62) Divisional to Application Number	:NA	5)VANIER, NOEL R.
Filing Date	:NA	6)POLK, W. DAVID

(57) Abstract:

Disclosed are infrared reflective coating compositions and cured coatings deposited on a substrate, as well as multi-component composite coating systems. The coating compositions include an infrared transparent pigment and an infrared reflective pigment.

No. of Pages: 50 No. of Claims: 29

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : BIOPSY DRIVER ASSEMBLY HAVING A CONTROL CIRCUIT FOR CONSERVING BATTERY POWER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:29/10/2010 :WO 2011/059785	(71)Name of Applicant: 1)C.R. BARD INC. Address of Applicant:730 CENTRAL AVENUE, MURRAY HILL, NJ 07974, USA U.S.A. (72)Name of Inventor: 1)KARSTEN VIDEBAEK 2)CLAUS REUBER
	:WO 2011/059/85 :NA :NA :NA :NA	2)CLAUS REUBER

(57) Abstract:

A biopsy driver assembly includes a biopsy driver housing. An electrical assembly is coupled to the biopsy driver housing. The electrical assembly includes at least one electrical drive configured for drivably engaging a biopsy probe assembly. A battery is coupled to the biopsy driver housing. A control circuit is coupled to the biopsy driver housing. The control circuit is electrically coupled to the battery and to the electrical assembly. The control circuit has a motion detector, a timer circuit and a battery dwell circuit. The control circuit is configured to conserve the battery by providing electrical power only to the motion detector after a predetermined time following a last detected physical movement of the biopsy driver assembly and to provide electrical power from the battery also to the electrical assembly when a physical movement of the biopsy driver assembly is detected.

No. of Pages: 57 No. of Claims: 18

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SMART POWER MANAGEMENT DURING VOLTAGE DIP IN WIND TURBINES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F03D7/02 :ES201300728 :02/08/2013 :Spain	(71)Name of Applicant: 1)GAMESA INNOVATION & TECHNOLOGY, S.L. Address of Applicant: Avenida Ciudad de la Innovaci ³ n, 9-11, 31621 Sarriguren (Navarra) Spain. Delhi India
(86) International Application No Filing Date (87) International Publication No	:Spain :PCT// :01/01/1900 : NA	(72)Name of Inventor: 1)LOPEZ RUBIO, Jose Maria 2)JIMENEZ BUENDIA, Francisco
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)GARCIA ANDUJAR, Juan Carlos

(57) Abstract:

The present invention is directed to a method of reducing a mechanical load on the occurrence of voltage dip in the wind turbines. The wind turbine generator controller and the converter control unit work in combination to control the oscillation generated due to voltage dip in the wind turbine 100. The method applies a ramp in power recovery to allow the enhanced DTD damp oscillations before the peak in torque happens. The method involves the step of: delivering a maximum active power value by the converter control unit to the wind turbine generator controller. Next step is setting a saturation value for the set points to enhance the drive train limits. In the next step, ramping is applied to the power set points of the wind turbine generator. And finally an enhanced drive train damping s applied to the ramped value of the power in order to reduce the mechanical load in the wind turbine and to damp the oscillation in the wind turbine generator. Figure 01

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

(22) Date of filing of Application :25/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : COATING COMPOSITION COMPRISING AN ALKOXYSILANE, AND POLYSILOXANE, AND A PLURALITY OF PARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:12/607,734 :28/10/2000	(71)Name of Applicant: 1)PPG INDUSTRIES OHIO, INC. Address of Applicant:3800 WEST 143RD STREET, CLEVELAND, OHIO 44111, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SCHMELTZER, ROBERT 2)DONALDSON, SUSAN F. 3)OLSON, KEVIN C. 4)OLSON, KURT G. 5)SCHWENDEMAN, JOHN E. 6)SIMPSON, DENNIS A. 7)WILLIAMS, FRANK C.
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(57) Abstract:

The present invention is directed to a coating composition, such as a substantially clear coating composition, which comprises (1) an alkoxysilane, (2) a polysiloxane, (3) a plurality of particles, and (4) curing agent that is reactive with the polysiloxane. The coating composition of the present invention can exhibit increased physical properties, such as scratch resistance, when compared to similar coating compositions that lack the components disclosed herein.

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

(22) Date of filing of Application :25/04/2012

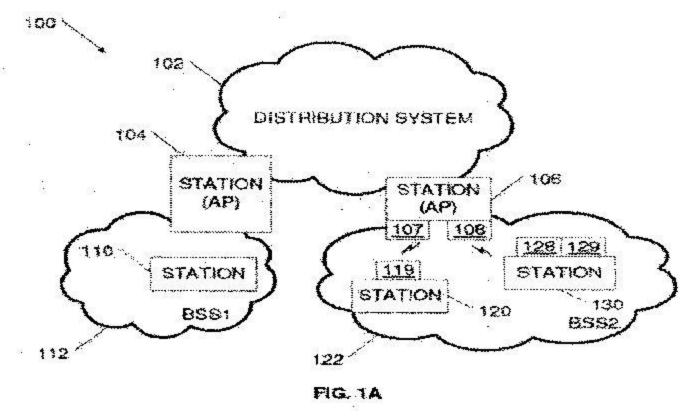
(43) Publication Date: 06/11/2015

(54) Title of the invention: NATIVE MEDIUM ACCESS CONTROL SUPPROT FOR BEAMFORMING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04B 7/04 :12/646,965 :23/12/2009 :U.S.A. :PCT/US2010/058793 :02/12/2010 :WO 2011/087612	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant: 2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CORDEIRO, CARLOS
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Apparatuses, systems, and methods that enable native MAC support of beamforming are contemplated. An embodiment may comprise a mobile computing device, such as a laptop, with wireless communications capabilities, such as an integrated wireless networking card. The networking card of the laptop may transmit and receive various types of frame data using one or more beamforming techniques. Upon establishing a link with another wireless device, the laptop may sense that the link quality is degrading. Instead of having to reestablish a new link using dedicated BF frames and the conventional BF protocol, embodiments described herein may instead transmit beamforming information in various types of frames which enable the wireless communication devices to adjust the beamforming parameters in a more efficient manner. For example, the devices may include beamforming information in control frames and data frames and transmit the frames in a sweeping sector fashion.



No. of Pages: 39 No. of Claims: 25

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: NEUROTOXINS EXHIBITING SHORTENED BIOLOGICAL ACTIVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K :11188440.9 :09/11/2011 :EPO :PCT/EP2012/072158 :08/11/2012 :WO 2013/068476 :NA :NA :NA	(71)Name of Applicant: 1)MERZ PHARMA GMBH & CO. KGAA Address of Applicant: Eckenheimer Landstrae 100 60318 Frankfurt am Main Germany (72)Name of Inventor: 1)SCHMIDT Michael 2)FREVERT J ¹ / ₄ rgen 3)HOFMANN Fred 4)GROER Gerhard
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(57) Abstract:

The present invention relates to the pharmaceutical field. Specifically it contemplates a polynucleotide encoding a neurotoxin polypeptide exhibiting a reduced duration of the biological effect in a subject wherein said polypeptide comprises at least one E3 ligase recognition motif in the light chain wherein said E3 ligase recognition motif is preferably abinding motif for the E3 ligase MDM2. The invention further pertains to polypeptides encoded by the polynucleotide of the invention as well as polypeptides comprising one or more amino acid substitutions. Further encompassed by the present invention are vectors and host cells comprising the said polynucleotide polypeptides encoded thereby and antibodies specifically binding to the polypeptides. Moreover the invention relates to medicaments comprising said polynucleotides and polypeptides as well as specific therapeutic applications thereof. Furthermore the present invention contemplates methods for the manufacture of the polypeptides and medicaments.

No. of Pages: 247 No. of Claims: 18

(22) Date of filing of Application :25/04/2012

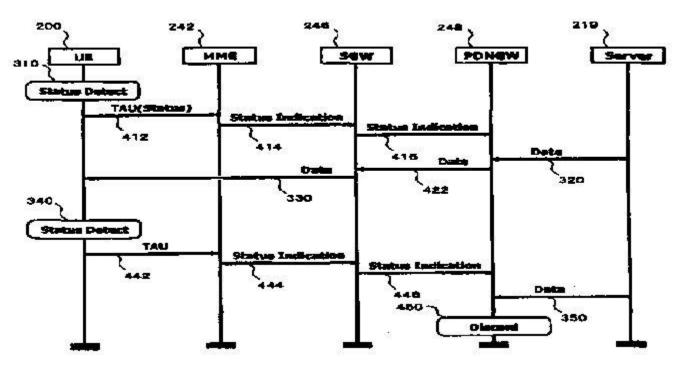
(43) Publication Date: 06/11/2015

(54) Title of the invention : COMMUNICATION SYSTEM AND APPARATUS FOR STATUS DEPENDENT MOBILE SERVICES

(57) Abstract:

The present invention introduces system, apparatus and method that reduce wastage of network resources and mobile phone resources. The mobile phone would indicate its status in a tracking area update message when it is connected to the device. The network can then understand from the status indication that the mobile phone is capable of delivering packets to the device, and would thus allow the server to initiate communications. An absence of the status indication would imply the mobile phone is not capable of delivering packets to the device, and the network would then disallow the server to initiate communications.

[Fig. 4]



No. of Pages: 74 No. of Claims: 19

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR REDUCING NITROGEN OXIDES FROM THE EXHAUST GAS OF A COKE OVEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:26/10/2010 :WO 2011/061042 :NA :NA	(71)Name of Applicant: 1)THYSSENKRUPP UHDE GMBH Address of Applicant:FRIEDRICH-UHDE-STRASSE 15 44141 DORTMUND, GERMANY. Germany (72)Name of Inventor: 1)JORG BRIX 2)FRIEDRICH HUHN 3)FRANK KREBBER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for reducing nitrogen oxides from the exhaust gas of a coke oven, which has a plurality of coking chambers and heating walls, arranged between the coking chambers, with heating flues (12, 12) for the indirect heating of the coking chambers. A combustible gas (16), which consists entirely or partially of coke oven gas, is burned in the heating flues (12, 12), thereby producing an exhaust gas which contains nitrogen oxides. A reducing agent is fed to the exhaust gas at a temperature between 700°C and 1100°C and the proportion of nitrogen oxide in the exhaust gas is reduced by a homogeneous gas reaction between the reducing agent and the nitrogen oxides. The exhaust gas is subsequently passed through a regenerator (4) for heat recovery. Furthermore, carbon deposits on hot parts of the combustible gas feed are burned with decarbonizing air, wherein, during a regenerator half-period in which the combustible gas feed to one heating flue (12) is stopped, the decarbonizing air is introduced into this heating flue (12) through the associated burner supply line and combustible gas nozzle (15) and is discharged from another heating flue (12) with the hot exhaust gas. According to the invention, metered amounts of the reducing agent are fed into the decarbonizing air and, together with it, brought into contact with the hot exhaust gas.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3728/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: INJECTION VALVE

(51) International classification	:F02M 47/02	(71)Name of Applicant:
(31) Priority Document No	:10 2009 051 677.8	1)CONTINENTAL AUTOMOTIVE GMBH
(32) Priority Date	:03/11/2009	Address of Applicant :VAHRENWALDER STRAE 9 30165
(33) Name of priority country	:Germany	HANNOVER, GERMANY Germany
(86) International Application No	:PCT/EP2010/066739	(72)Name of Inventor:
Filing Date	:03/11/2010	1)BURKHARDT, AXEL
(87) International Publication No	:WO 2011/054869	2)KUCHLER, ROBERT
(61) Patent of Addition to Application	:NA	3)WAGNER, JOACHIM
Number	:NA	4)WILD, ROLAND
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an injection valve (10) comprising an injector component (14) having an injector body (12) comprising a recess (17) of the injector body (12) extending in the direction of a longitudinal axis (L) that can be hydraulically coupled to a high-pressure circuit of a fluid, and a nozzle needle (18) axially displaceably disposed in the recess (17) of the injector body (12), designed for preventing fluid flow through at least one injection opening (34) in a closed position, and otherwise for releasing the fluid flow, an actuator unit (16) disposed in a recess (17) of the injector body (12) and comprising an actuator housing (20) in which an actuator element is disposed, and the actuator housing (60) comprises an end face (68) at an axial end facing the injection opening (34), said end face being mechanically coupled to a stage (70) implemented in the injector body (12), and a ring element (72) disposed axially between the end face (68) and the stage (70). At least two radial through passages (78) are disposed opposite each other in the ring element (72), designed for hydraulically coupling between a ring interior (74) disposed within the ring element (72) and a ring exterior (76) disposed outside of the ring element (72).

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

(22) Date of filing of Application :25/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: OVERCHARGING PREVENTION BY UNSENT DOWNLINK DATA VOLUME RECORD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:24/11/2009 :WO 2011/063543 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)GU, HUI
Filing Date	:NA	

(57) Abstract:

The present invention provides a method for recording the unsuccessfully transmitted downlink data volume into the CDR generated by gateway support node in a telecommunication system. The method includes creating information relating to the unsuccessfully transmitted downlink data in a node and sending the information from the node to the gateway support node, to make the gateway support node know the volume of unsent downlink data. A node and gateway support node which adapted to prevent overcharging the user which is caused by the G-CDR are also provided.

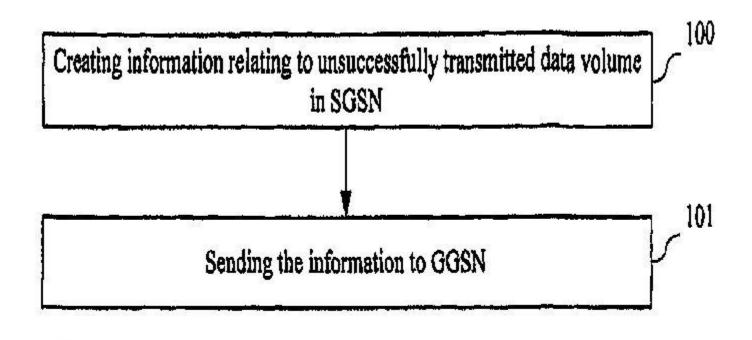


FIG. 1

No. of Pages: 35 No. of Claims: 20

(22) Date of filing of Application :25/04/2012

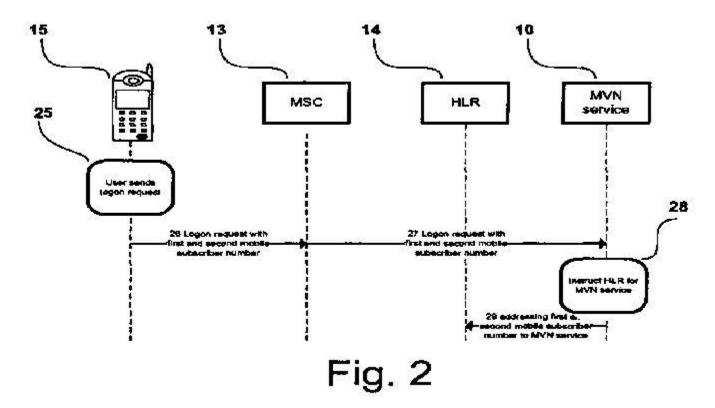
(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR A MOBILE VIRTUAL NUMBER SERVICE IN A MOBILE TELECOMMUNICATIONS SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W 8/26 :NA :NA :NA :PCT/EP2009/066802 :10/12/2009 :WO 2011/069544 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)TOH, KOK LIANG
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(57) Abstract:

A method of and an engine for providing a Mobile Virtual Number, MVN, service in a node of a mobile telecommunications system comprising a plurality of nodes providing service to a plurality of mobile User Equipments, UEs. The MVN service instructs the telecommunications system for handling calls related to a first mobile subscriber number, corresponding to the mobile UE, and a second mobile subscriber number such that the mobile UE operates under the second mobile subscriber number.



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

(22) Date of filing of Application :25/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD AND NETWORK NODE FOR UPLOADING MEDIA CONTENT FROM A USER DEVICE TO AT LEAST ONE NETWORK ENTITY

(31) Priority Document No :12/6/ (32) Priority Date :25/1 (33) Name of priority country :U.S (86) International Application No :PCT, Filing Date :19/1 (87) International Publication No :WO (61) Patent of Addition to Application Number :NA Filing Date (62) Divisional to Application Number :NA	CT/IB2010/055314 (72)Name of Inventor: 1)MCALEER, DAVID 2)WETTE TCHOUATI, CONSTANT A A A	
Filing Date	A	

(57) Abstract:

The invention relates to a method and network node for uploading media content from a user device to at least one network entity. The method comprises the step of associating a code with the at least one network entity, in a network node. The method further comprises the step of sending an address book object from the network node to the user device, said address book object comprising the code and said address book object being usable for sending a multimedia message to the network node from the user device. The method further comprise the step of receiving, in the network node, the multimedia message from the user device, said multimedia message containing the code and the media content. The method further comprise the step of updating, from the network node, the at least one network entity associated with the code with the media content.

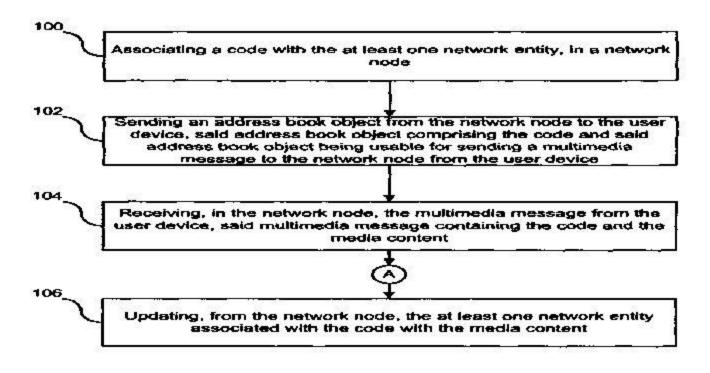


FIG. 1

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MEHTOD FOR PRODUCING PROPLENE-BASED POLYMER

(51) International classification	:C08F 2/34	(71)Name of Applicant:
(31) Priority Document No	:2009-249568	1)JAPAN POLYPROPYLENE CORPORATION
(32) Priority Date	:29/10/2009	Address of Applicant: 1-1, MARUNOUCHI 1-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8251 JAPAN Japan
(86) International Application No	:PCT/JP2010/069381	(72)Name of Inventor:
Filing Date	:29/10/2010	1)KOBAYASHI, YOSHITAKA
(87) International Publication No	:WO 2011/052757	2)NAKASHIMA, TAKANORI
(61) Patent of Addition to Application	:NA	3)YUKAWA, KIYOSHI
Number	:NA	4)YAMADA, YUSUKE
Filing Date	.11/1	5)AOYAMA, HAJIME
(62) Divisional to Application Number	:NA	6)IWAI, NOBUHIRO
Filing Date	:NA	

(57) Abstract:

An object is to develop a method for stably producing a propylene-based polymer together with inhibiting generation of an aggregated polymer, reducing a generation amount of fine powder, and thereby enhancing production efficiency. The present invention relates to a method for producing a propylene-based polymer, comprising polymerizing propylene or propylene and an a-olefin except propylene in the presence of a catalyst using a horizontal polymerization reactor equipped with a stirrer rotating around a horizontal axis in the inside of the reactor by a continuous vapor-phase polymerization method in which heat of reaction is removed by heat of vaporization of liquefied propylene, wherein the reactor can set a plurality of area sections different in temperature in a horizontal axis direction in the inside of the reactor and at least one of the following requirements (A) and (B) is satisfied: requirement (A): temperature difference $\Delta T1$ (°C) (= $T\omega$ - $T\alpha$) between temperature ($T\alpha$) of an area section including an upstream end of the reactor and temperature ($T\omega$) of an area section including a downstream end thereof is 0.1 to 20°C; requirement (B): temperature difference $\Delta T2$ (°C) (= Tx - Tz) between temperature (Tx) of an area section including a catalyst feed part and dew point (Tz) of mix gas in the reactor is 0 to 5°C.

No. of Pages: 86 No. of Claims: 11

(21) Application No.1197/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :02/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONDUIT CLAMP FOR STRUT CHANNEL

:F16L3/00	(71)Name of Applicant:
:NA	1)COOPER TECHNOLOGIES COMPANY
:NA	Address of Applicant :600 Travis Street, Suite 5400, Houston,
:NA	Texas 77002-1001, USA U.S.A.
:NA	(72)Name of Inventor:
:NA	1)SAGAR ASHOK PATIL
: NA	2)ZHIHUI ZHANG
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA : NA :NA :NA

(57) Abstract:

A conduit clamp includes a first coupling component configured for attachment to a first attachment structure of a strut channel and a second coupling component different from the first coupling component and configured for attachment to a second attachment structure of a strut channel.

No. of Pages: 29 No. of Claims: 4

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: 'CLEAVAGE ACCESSORY FOR A BRASSIERE'

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A41C 3/12 :12/586,622 :25/09/2009 :U.S.A. :PCT/US2010/049948 :23/09/2010 :WO 2011/038083 :NA :NA	(71)Name of Applicant: 1)DE SOUSA, MICHELLE, ELIZABETH Address of Applicant: P.O. BOX 111585, NAPLES, FL 34108, USA U.S.A. (72)Name of Inventor: 1)DE SOUSA, MICHELLE, ELIZABETH
- 133333 - 2		
Filing Date	:NA	

(57) Abstract:

The invention is directed to an accessory which is fabricated and shaped to cover the bosom area of body. It is particularly useful when applied to a brassiere showing a cleavage of a human body at a center thereof. The accessory, when applied to a brassiere will cover the cleavage area of a wearer to simulate an undergarment. The inventive accessory can be removed from the brassiere when the person is in a different social setting. The accessory can be fabricated from different materials but it is preferred to be stretchable so that it can be applied to differently sized brassieres and the accessory, additionally, can move with the movements of the wearer. It is preferred that the fabric of the accessory be doubled over so that most of the fastening elements do not touch the skin of the wearer which adds to the comfort of wearing the accessory

No. of Pages: 11 No. of Claims: 1

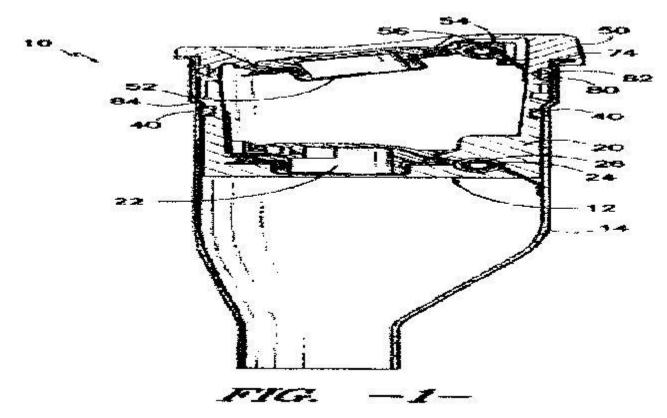
(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CAPLESS REFUELING SYSTEM

(51) International classification	:B60K 15/04	(71)Name of Applicant:
(31) Priority Document No	:61/256,591	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	:30/10/2009	Address of Applicant :3600 WEST LAKE AVENUE,
(33) Name of priority country	:U.S.A.	GLENVIEW, ILLINOIS 60026, UNITED STATES OF
(86) International Application No	:PCT/US2010/054021	AMERICA U.S.A.
Filing Date	:26/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/053563	1)DUTZI, ROBERT K.
(61) Patent of Addition to Application	:NA	2)MILLER, BRYAN M.
Number	:NA	3)PURDY, WILLIAM, A.
Filing Date	.IVA	4)SPERANDO, STEPHEN M.
(62) Divisional to Application Number	:NA	5)SUTENBACH, PAUL M.
Filing Date	:NA	6)CISTERNINO, FRANCO A.

(57) Abstract:

A capless refueling system is provided which utilizes snap-in attachment of a multi-stage valve assembly within a fuel pipe. The valve assembly includes a lower body portion and a cover independent from the lower body portion. The lower body portion and the cover are configured to be lockingly adjoined to one another. The cover is adapted to be adjoined to the fuel pipe. The system is sealed at a position above the primary shutoff valve thereby eliminating the need for a spring pin support bracket.



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

(21) Application No.3628/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : MANUFACTURE OF DIFLUOROETHYLENE CARBONATE, TRIFLUOROETHYLENE CARBONATE AND TETRAFLUOROETHYLENE CARBONATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07D 317/36 :09171491.5 :28/09/2009 :EPO :PCT/EP2010/064221 :27/09/2010 :WO 2011/036283 :NA :NA	(71)Name of Applicant: 1)SOLVAY FLUOR GMBH Address of Applicant: HANS-BOCKLER-ALLEE 20, 30173 HANNOVER GERMANY Germany (72)Name of Inventor: 1)OLSCHIMKE, JENS 2)SEFFER, DIRK 3)BOMKAMP, MARTIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Difluoroethylene carbonate, trifluoroethylene and tetrafluoroethylene carbonate are produced by the reaction between elemental fluorine and ethylene carbonate or fluorinated ethylene carbonates with a lower degree of fluorination.

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PEER-TO-PEER COMMUNICATION OF NON-COMMON 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 	:H04L 29/08 :61/264,342 :25/11/2009 :U.S.A. :PCT/EP2010/54131 :29/03/2010 :WO 2011/063997 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)EL KHAYAT, IBTISSAM 2)LEPROPRE, PIERRE
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In individualized data communication of a data entity (200) between peers of a group, the data entity (200) includes at least one common data piece (210) and at least one non-common data piece (220). The at least one common data piece (210) is shared by all peers of the group, whereas the at least one non-common data piece (220) is shared by a subgroup of the group. A non-common data identifier (600) is used to identify the at least one non-common data piece (220). By receiving the non-common data identifier (600), one peer of the group may determine whether another peer of the group is sharing the same non-common data piece (220).

No. of Pages: 44 No. of Claims: 17

(21) Application No.3730/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: WIND TURBINE TRANSFORMER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:26/10/2012 :WO 2013/060337 :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)HILLEBRANDT Jesper 2)SCHALOW Frank
Filing Date	:NA	

(57) Abstract:

A transformer assembly for a wind turbine is described. The transformer assembly includes a liquid filled main transformer and an auxiliary transformer connected on the high voltage side of the main transformer. The auxiliary transformer benefits from improved power quality in this configuration.

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

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: FORMULATION SUITABLE TO PROVIDE AN ELASTOMER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G18/10 :11194601.8 :20/12/2011 :EPO :PCT/EP2012/073657 :27/11/2012 :WO 2013/092120 :NA :NA	(71)Name of Applicant: 1)HUNTSMAN INTERNATIONAL LLC Address of Applicant:500 Huntsman Way Salt Lake City Utah 84108 U.S.A. (72)Name of Inventor: 1)VAN DYCK Johan 2)GILIS Wim 3)COCHET Sylvie Hendrika
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(57) Abstract:

The invention relates to a formulation suitable to provide a soft elastomer for cavity filling the formulation comprising (a) water; (b) at least one alkali metal silicate; (c) at least one polyol component comprising at least an aliphatic polyol containing at least one ester group and bearing at least one pendant alkyl or alkenyl group of at least four carbon atoms each of said alkyl or alkenyl group being optionally substituted with one or more C alkyl or hydroxyl substituents; (d) at least one isocyanate; and (e) at least one isocyanate reactive component selected from the group comprising poly ether polycarbonate or mixture thereof wherein each of said poly ether and polycarbonate compound comprises at least one isocyanate reactive group selected from the group comprising hydroxyl amino epoxy or thiol.

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

(21) Application No.3733/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR PRODUCING THERAPEUTIC PROTEINS IN PICHIA PASTORIS LACKING DIPEPTIDYL AMINOPEPTIDASE ACTIVITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C12N 1/19 :61/256,369 :30/10/2009 :U.S.A. :PCT/US2010/054183 :27/10/2010 :WO 2011/053612 :NA	(71)Name of Applicant: 1)MERCK SHARP & DOHME CORP. Address of Applicant: 126 EAST LINCOLN AVENUE, RAHWAY, NEW JERSEY 07065-0907, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)HAMILTON, STEPHEN, R. 2)STADHEIM, TERRANCE, A.
Number Filing Date (62) Divisional to Application Number	:NA :NA	2)STADHEIM, TERRANCE, A.
Filing Date	:NA	

(57) Abstract:

The present invention related to methods and compositions for producing therapeutic proteins in yeast cell lines, and in particular Pichia pastoris, lacking dipeptidyl aminopeptidase (DAP) activity. DAP activity has been eliminated by genetically modifying a Pichia pastoris cell line such that STE13 and DAP2 have been deleted.

No. of Pages: 76 No. of Claims: 20

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ROTARY KNIFE FIXTURE FOR CUTTING SPIRAL TEXTURED POTATO PIECES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B26D3/11 :61/546035 :11/10/2011 :U.S.A. :PCT/US2012/059465 :10/10/2012 :WO 2013/055740 :NA :NA	(71)Name of Applicant: 1)J.R. SIMPLOT COMPANY Address of Applicant: One Capital Center 999 Main Street Suite 1300 Boise ID 83702 U.S.A. (72)Name of Inventor: 1)WALKER David Bruce 2)NEEL Allen J.
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rotary knife fixture for cutting vegetable products such as raw potatoes into spiral shapes. The knife fixture includes a ring shaped blade holder driven rotatably within a hydraulic product flow path. The blade holder includes at least one cutting blade wherein the blade is twisted from a generally longitudinally aligned center axis outwardly in opposite circumferential directions with a sharpened leading edge set at a desired pitch angle. By controlling the pitch angle of the blade in relation to the blade rotational speed and velocity at which the potato travels along the hydraulic flow path the resultant spiral cut shape is selected. By using multiple cutting blades at known axially spaced positions and selecting the angular position of each cutting blade in succession the number of spiral shapes cut from each potato is selected. The blades can have a nontextured straight cut edge or a textured crinkle cut edge or a combination.

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

(22) Date of filing of Application :27/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : NOVEL OXIME DERIVATIVES AND THEIR USE AS ALLOSTERIC MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:09360049.2 :30/10/2009 :EPO	(71)Name of Applicant: 1)DOMAIN THERAPEUTICS Address of Applicant:BIOPARC, BOULEVARD SEBASTIEN BRANDT, F-67400 ILLKIRCH GRAFFENSTADEN, FRANCE France 2)PRESTWICK CHEMICAL, INC. (72)Name of Inventor: 1)SCHANN, STEPHAN 2)MAYER STANISLAS
Filing Date (87) International Publication No	:29/10/2010 :WO 2011/051478	2)PRESTWICK CHEMICAL, INC. (72)Name of Inventor:
Filing Date	:NA	7/GIETHEEN, DRONG

(57) Abstract:

The present invention provides new oxime derivatives of the general formula (I), pharmaceutical compositions containing them and their use for the treatment and/or prophylaxis of conditions associated with altered glutamatergic signalling and/or functions, and/or conditions which can be affected by alteration of glutamate level or signalling in mammals. This invention further provides new oxime derivatives of the general formula (I) consisting of modulators of nervous system receptors sensitive to glutamate, which makes them particularly suitable for the treatment and/or prophylaxis of acute and chronic neurological and/or psychiatric disorders. In particular embodiments, the new oxime derivatives of the invention are modulators of metabotropic glutamate receptors (mGluRs). The invention further provides positive allosteric modulators of mGluRs and more specifically positive allosteric modulators of mGluR4.

No. of Pages: 197 No. of Claims: 20

(22) Date of filing of Application :23/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: YARN WINDING MACHINE AND YARN WINDING METHOD

(51) International classification	:D02H	(71)Name of Applicant:
(31) International classification	13/00	1)Murata Machinery, Ltd.
(21) Priority Dogument No.	:2013-	Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(31) Priority Document No	168119	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan Japan
(32) Priority Date	:13/08/2013	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)YAMAMOTO Atsushi
(86) International Application No	:NA	2)NAMIKAWA Tetsuya
Filing Date	:NA	3)MUTA Katsufumi
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A yarn winding machine 1 includes a traverse guide 22, an upper-yarn catching and guiding device 60, and a unit control section 5 adapted to control the traverse guide 22 to be under standby within a first standby region WP1 during a first period, which is a period of time when the traverse operation is under a stop and when an upper-yarn catching and guiding operation is being performed, and to control the traverse guide 22 to be under a standby within a second standby region WP2 located further inward than the first standby region WP1 with respect to the traverse width TL during a second period, which is a period of time after an elapse of the first period and before a start of the traverse operation. REFER TO FIG. 1

No. of Pages: 41 No. of Claims: 11

(21) Application No.2090/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :23/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : VALVE ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE HIGH-PRESSURE FUEL FEED PUMP ASSEMBLY, AND SAID HIGH-PRESSURE PUMP ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F02M37/06 :MI2013A001263 :26/07/2013 :Italy :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GmbH Address of Applicant: Postfach 30 02 20 70442 Stuttgart, Germany Germany (72)Name of Inventor: 1)DE LUCA, Alessandro
(87) International Publication No	: NA	2)RAGHAVENDRA, Krishnamurthy
(61) Patent of Addition to Application Number	:NA	3)LOIUDICE, Nicola
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Valve assembly for a pump assembly for feeding fuel, preferably diesel fuel, to an internal combustion engine; the valve assembly (13) comprising a valve body (16); an intake valve (14) formed in the valve body (16); and a delivery valve (15) formed in the valve body (16).

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

(21) Application No.3643/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ENDOGLIN ANTIBODIES

(51) International classification	:A61K 39/395	(71)Name of Applicant:
(31) Priority Document No	:61/247,290	1)TRACON PHARMACEUTICALS, INC.
(32) Priority Date	:30/09/2009	Address of Applicant :4510 EXECUTIVE DRIVE, SUIE 330,
(33) Name of priority country	:U.S.A.	SAN DIEGO, CA 92121 (US). U.S.A.
(86) International Application No	:PCT/US2010/050759	(72)Name of Inventor:
Filing Date	:29/09/2010	1)THEUER, CHARLES
(87) International Publication No	:WO 2011/041441	2)VASQUEZ, MAXIMILIANO
(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 application relates to compositions of humanized and humanized/deimmunized anti-endoglin antibodies and antigen-binding fragments thereof. One aspect relates to antibodies having one or more modifications in at least one amino acid residue of at least one of the framework regions of the variable heavy chain, the variable light chain or both. Another aspect relates to antibodies which bind endoglin and inhibit angiogenesis. Another aspect relates to the deimmunization of humanized antibodies to reduce immunogenicity. Another aspect relates to the use of humanized and humanized/deimmunized antibodies which bind endoglin for the detection, diagnosis or treatment of a disease or condition associated with endoglin, angiogenesis or a combination thereof.

No. of Pages: 269 No. of Claims: 22

(22) Date of filing of Application :25/04/2012

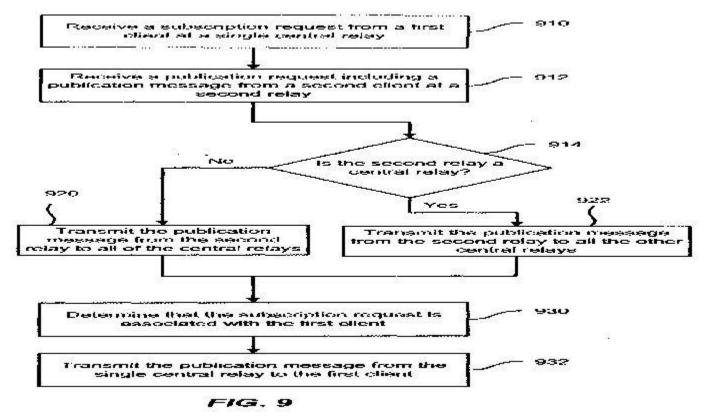
(43) Publication Date: 06/11/2015

(54) Title of the invention: HIERARCHICAL PUBLISH AND SUBSCRIBE 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 	:29/10/2010 :WO 2011/053847 :NA :NA	(71)Name of Applicant: 1)VERISIGN, INC. Address of Applicant:12061 BLUEMONT WAY, RESTON, VA 20190, USA U.S.A. (72)Name of Inventor: 1)GALLANT JOHN 2)VERD BRAD 3)HENDERSON KARL
1 (01110 01	:NA :NA :NA	

(57) Abstract:

A method of publishing a publication message includes receiving, at one of a plurality of first relays, a subscription request from a first client and transmitting the subscription request from the one of the plurality of first relays to only one of a plurality of central relays. The method also includes receiving, at another of the plurality of first relays, a publication request from a second client. The publication request includes the publication message. The method further includes transmitting the publication message from the another of the plurality of first relays to all of the plurality of central relays, transmitting the publication message from at least one of the plurality of central relays to the one of the plurality of first relays to the first client.



No. of Pages: 47 No. of Claims: 31

(21) Application No.3742/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROTECTION DEVICE FOR RADIOCOMMUNICATIONS APPARATUSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B 1/18 :TO2009A000744 :01/10/2009 :Italy :PCT/IB2010/002487 :01/10/2010 :WO 2011/039622 :NA :NA :NA	(71)Name of Applicant: 1)SELEX ELSAG S.P.A. Address of Applicant:VIA GIACOMO PUCCINI, 2, GENOVA, ITALY Italy (72)Name of Inventor: 1)FAGIOLI GABRIELE
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(57) Abstract:

A protection device for radiocommunications apparatuses, including: a transmission line (15) for radio-frequency signals; a reference-potential line set at a reference potential; a first conductive element (22); a first biasing unit (30, 34, 38; 46, 50), which biases the first conductive element (22) at a first biasing voltage (Vmax); and a plurality of first voltage-controlled switches (26) connected between the first conductive element (22) and the transmission line (15).

No. of Pages: 33 No. of Claims: 17

(22) Date of filing of Application :25/04/2012

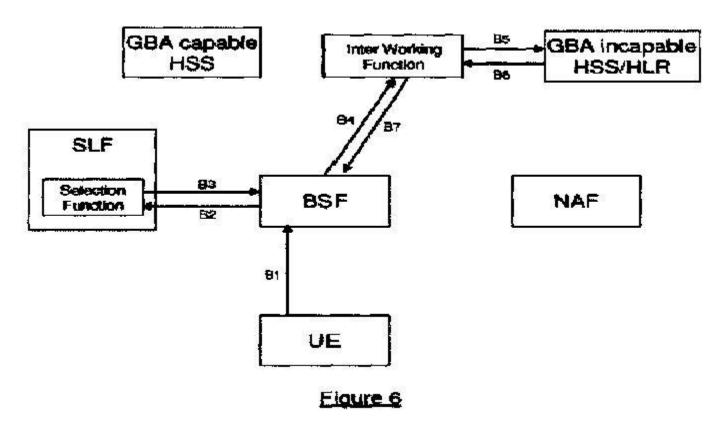
(43) Publication Date: 06/11/2015

(54) Title of the invention: METHODS AND APPARATUS FOR USE IN A GENERIC BOOTSTRAPPING ARCHITECTURE

(51) International classification(31) Priority Document No(32) Priority Date	:H04W 12/06 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:NA	Sweden
(86) International Application No	:PCT/EP2009/065718	(72)Name of Inventor:
Filing Date	:24/11/2009	1)CASTELLANOS ZAMORA, DAVID
(87) International Publication No	:WO 2011/063826	2)ESTEBAN-VARES, NURIA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

According to an aspect of the present invention there is provided a method of obtaining authentication information for use in a Generic Bootstrapping Architecture, GBA, employed in a network with one or more GBA-capable subscriber registers and one or more GBA-incapable subscriber registers. The method involves a selection function for determining whether the authentication information of a subscriber is stored at a GBA-capable subscriber register or at a GBA-incapable subscriber register, and an inter working function for translating between the Diameter messages of the Zh interface and the MAP messages of the Zh interface.



No. of Pages: 46 No. of Claims: 17

(22) Date of filing of Application :25/04/2012

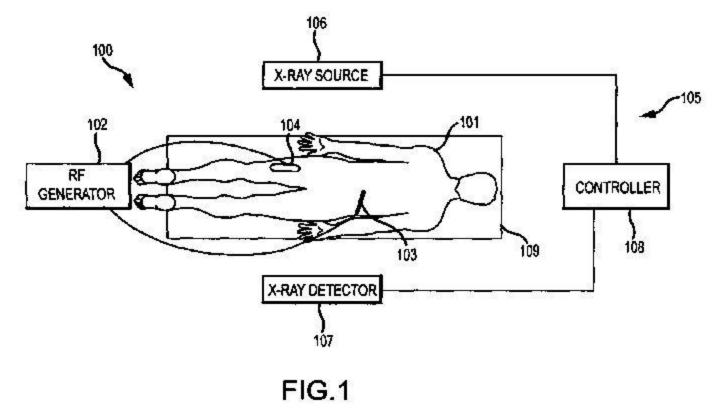
(43) Publication Date: 06/11/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR SPINAL RADIO FREQUENCY NEUROTOMY

(51) International classification	:A61B 18/14	(71)Name of Applicant:
(31) Priority Document No	:61/280,557	1)NIMBUS CONCEPTS, LLC
(32) Priority Date	:05/11/2009	Address of Applicant :333 SOUTH MONROE STREET # 113
(33) Name of priority country	:U.S.A.	DENVER, COLORADO 80209, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/055744	(72)Name of Inventor:
Filing Date	:05/11/2010	1)WRIGHT, ROBERT E.
(87) International Publication No	:WO 2011/057157	2)BRANDT, SCOTT A.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems for spinal radio frequency neurotomy. Systems include needles capable of applying RF energy to target volumes within a patient. Such target volumes may contain target medial branch nerves along vertebrae or rami proximate the sacrum. Such procedures may be used to ablate or cauterize a portion of the targeted nerve, thus blocking the ability of the nerve to transmit signals to the central nervous system. Disclosed needles may be operable to asymmetrically, relative to a central longitudinal axis of the needle, apply RF energy. Such asymmetry facilitates procedures where a tip of the needle is placed proximate to anatomical structures for location verification. Then RF energy may be applied in a selectable direction relative to the needle tip to ablate volumes that include the targeted medial branch nerves or rami, thus denervating facet joints or the sacroiliac joint, respectively, to relieve pain in a patient.



No. of Pages: 70 No. of Claims: 15

(21) Application No.3735/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BENZODIAZEPINE BROMODOMAIN INHIBITOR

(57) Abstract:

The present invention relates to a benzodiazepine compound of formula (1), processes for its preparation, pharmaceutical compositions containing such a compound and to its use in therapy.

No. of Pages: 47 No. of Claims: 17

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :27/04/2012

(21) Application No.3736/DELNP/2012 A

(43) Publication Date: 06/11/2015

(54) Title of the invention : A GLUCOPYRANOSYL-SUBSTITUTED BENZENE DERIVATIVE AND PROCESS FOR PREPARING THE SAME

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
(CO7D 309/10
:10 2004 012 676.3
:16/03/2004
:Germany
:PCT/EP2005/0026

Filing Date :11/03/2005

(87) International Publication No :WO 2005/092877 (61) Patent of Addition to Application

Number :NA
Filing Date :NA

(62) Divisional to Application Number :4844/DELNP/2006 Filed on :23/08/2006 (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH

Address of Applicant :BINGER STRASSE 173, 55216

:PCT/EP2005/002618 INGELHEIM AM RHEIN, GERMANY Germany

(72)Name of Inventor:

1)FRANK HIMMELSBACH 2)MATTHIAS ECKHARDT 3)PETER EICKELMANN

4)EDWARD LEON BARSOUMIAN

5)LEO THOMAS

(57) Abstract:

(19) INDIA

A glucopyranosyl-substrtuted benzene derivative of general formula 1.2c wherein R1 is ethynyl, prop-1-yn-1-yl, but-1-yn-1-yl, cyano, cyclopropyloxy, cyclobutyloxy and cyclopentyloxy, cyclohexyloxy; and R2 denotes hydrogen; and R3 is is selected from among hydrogen, fluorine, chlorine, methyl, ethyl, isopropyl, tert-butyl, ethynyl, 1-propynyl, trimethylsilyiethyl, difluoromethyl, trifluoromethyl, cyclopentyl, cyclopentyl, methoxy, ethoxy, isopropoxy, cyclopentyloxy, difluoromethoxy, trifluorometnoxy, pentafluorethoxy, tetrahydrofuran-3-yloxy, tetrahydrofuran-2-on-3-yloxy, methylsulphanyl, ethylsulphanyl, isopropylsulphanyl and cyclopropylidenemethyl; and R4and R5 denote hydrogen; R6. R7a, R7b, R7c denote hydrogen.

No. of Pages: 93 No. of Claims: 8

(21) Application No.3737/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FOAM REMOVAL 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 	:01/09/2010 :WO 2011/065082 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES, LTD. Address of Applicant: 16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 108-8215, JAPAN Japan (72)Name of Inventor: 1)NAGAO, SHOZO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A foam removal apparatus (1) is installed in a discharge channel (10) through which discharge seawater used in a power plant and discharged therefrom flows. A foam recovery portion (2) recovers foam (B) floating on the water surface (WL) of the discharge seawater flowing through the discharge channel (10). The foam (B) recovered by the foam recovery portion (2) flows into a foam recovery tank (3). A defoaming portion (4) defoams the foam that has flowed into the foam recovery tank (3). A release portion (6) returns a foam component that is obtained by defoaming the foam (B) by the defoaming portion (4) and the discharge seawater that has flowed into the foam recovery tank (3) together with the foam from the foam recovery tank (3) to the vicinity of the discharge channel (10).

No. of Pages: 33 No. of Claims: 2

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CNT-INFUSED CARBON FIBER MATERIALS AND PROCESS THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H05H 1/00 :21/611,101 :02/11/2009 :U.S.A. :PCT/US2010/052554 :13/10/2010 :WO 2011/053458 :NA :NA	(71)Name of Applicant: 1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC Address of Applicant: 2323 EASTERN BLVD., BALTIMORE, MD 21220, UNITED STATES U.S.A. (72)Name of Inventor: 1)SHAH TUSHAR K. 2)GARDNER SLADE H. 3)ALBERDING MARK R. 4)MALECKI HARRY C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A composition includes a carbon nanotube (CNT)-infused carbon fiber material that includes a carbon fiber material of spoolable dimensions and carbon nanotubes (CNTs) infused to the carbon fiber material. The infused CNTs are uniform in length and uniform in distribution. The CNT infused carbon fiber material also includes a barrier coating conformally disposed about the carbon fiber material, while the CNTs are substantially free of the barrier coating. A continuous CNT infusion process includes: (a) functionalizing a carbon fiber material; (b) disposing a barrier coating on the functionalized carbon fiber material (c) disposing a carbon nanotube (CNT)-forming catalyst on the functionalized carbon fiber material; and (d) synthesizing carbon nanotubes, thereby forming a carbon nanotube-infused carbon fiber material.

No. of Pages: 60 No. of Claims: 40

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CNT-INFUSED CERAMIC FIBER MATERIALS AND PROCESS THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/10/2010 :WO 2011/053457 :NA :NA	(71)Name of Applicant: 1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC Address of Applicant: 2323 EASTERN BLVD., BALTIMORE, MD 21220, UNITED STATES U.S.A. (72)Name of Inventor: 1)SHAH TUSHAR K. 2)GARDNER SLADE H. 3)ALBERDING MARK R. 4)MALECKI HARRY C.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A composition includes a carbon nanotube (CNT)-infused ceramic fiber material, wherein the CNT-infused ceramic fiber material includes: a ceramic fiber material of spoolable dimensions; and carbon nanotubes (CNTs) bonded to the ceramic fiber material. The CNTs are uniform in length and uniform in distribution. A continuous CNT infusion process includes (a) disposing a carbon-nanotube forming catalyst on a surface of a ceramic fiber material of spoolable dimensions; and (b) synthesizing carbon nanotubes on the ceramic fiber material, thereby forming a carbon nanotube-infused ceramic fiber material.

No. of Pages: 52 No. of Claims: 38

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : DENGUE VIRUS E GLYCOPROTEIN POLYPEPTIDES CONTAINING MUTATIONS THAT ELIMINATE IMMUNODOMINANT CROSS REACTIVE EPITOPES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K14/18 :61/549,348 :20/10/2011 :U.S.A. :PCT/US2012/060872 :18/10/2012 :WO 2013/059493 :NA :NA :NA	(71)Name of Applicant: 1)THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES Address of Applicant: Centers For Disease Control And Prevention Technology Transfer Office 4770 Bufor Highway; Ms K 79 Atlanta GA 30341 U.S.A. (72)Name of Inventor: 1)CHANG Gwong jen J. 2)CRILL Wayne D. 3)HUGHES Holly R. 4)DAVIS Brent S.
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(57) Abstract:

Described herein are dengue virus E-glycoprotein polypeptides containing mutations that eliminate immunodominant cross-reactive epitopes associated with immune enhancement. The disclosed dengue virus E-glycoproteins optionally further include mutations that introduce a strong CD4 T cell epitope. The disclosed E-glycoprotein polypeptides, or nucleic acid molecules encod ing the polypeptides, can be used, for example, in monovalent or tetravalent vaccines against dengue virus. The dengue virus E-gly coprotein polypeptides have amino acid substitutions at residues corresponding to positions 106, 107, 310 and 31 1, and either position 364 or position 389 of dengue serotype 1 (DENV-1) E- glycoprotein. The provided E-glycoprotein polypeptides optionally fur ther include mutations corresponding to positions 468, 478, 482 and 487 of DENV-1 E-glycoprotein.

No. of Pages: 114 No. of Claims: 27

(22) Date of filing of Application :27/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHODS OF CEMENTING IN SUBTERRANEAN FORMATIONS USING CEMENT KILN DUST IN COMPOSITIONS HAVING REDUCED PORTLAND CEMENT CONTENT

(51) International classification	:C04B 28/02	(71)Name of Applicant:
(31) Priority Document No	:12/606,381	1)HALLIBURTON ENERGY SERVICES, INC.
(32) Priority Date	:27/10/2009	Address of Applicant :10200 BELLAIRE BOULEVARD
(33) Name of priority country	:U.S.A.	HOUSTON TEXAS 77072 U.S.A. U.S.A.
(86) International Application No	:PCT/GB2010/001986	(72)Name of Inventor:
Filing Date	:26/10/2010	1)RODDY, CRAIG, WAYNE
(87) International Publication No	:WO 2011/051664	2)CHATTERJI, JITEN
(61) Patent of Addition to Application	:NA	3)BRENNEIS, DARRELL, CHAD
Number		4)MORGAN, RONNIE, G.
Filing Date	:NA	Janon Homen, Homen Homen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The present invention includes methods of cementing in subterranean formations using cement kiln dust in compositions having reduced Portland cement content. An embodiment of a method comprises placing a sealant composition that comprises cement kiln dust and is essentially free of Portland cement in a subterranean formation; and allowing the sealant composition to set.

No. of Pages: 56 No. of Claims: 18

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : DIAGNOSTIC METHODS FOR DETERMINING PROGNOSIS OF NON-SMALL CELL LUNG CANCER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:25/10/2010 :WO 2011/056489 :NA :NA	(71)Name of Applicant: 1)ABBOTT LABORATORIES Address of Applicant:100 ABBOTT PARK ROAD, ABBOTT PARK, IL 60064, U.S.A. U.S.A. (72)Name of Inventor: 1)SEMINAROV DIMITRI 2)LU XIN 3)ZHANG KE 4)LESNIEWSKI RICK R. 5)COON JOHN S.
Filing Date	:NA	

(57) Abstract:

THE PRESENT DISCLOSURE PROVIDES METHODS FOR IDENTIFYING EARLY STAGE NON-SMALL-CELL LUNG CANCER (NSCLC) PATIENTS WHO WILL HAVE AN UNFAVORABLE PROGNOSIS FOR THE RECURRENCE OF LUNG CANCER AFTER SURGICAL RESECTION. THE METHODS ARE BASED IN PART ON THE DISCOVERY OF CHROMOSOMAL COPY NUMBER ABNORMALITIES THAT CAN BE USED FOR PROGNOSTIC CLASSIFICATION. THE METHODS PREFERABLY USE FLUORESCENCE IN SITU HYBRIDIZATION WITH FLUORESCENTLY LABELED NUCLEIC ACID PROBES TO HYBRIDIZE TO PATIENT SAMPLES TO QUANTIFY THE CHROMOSOMAL COPY NUMBER OF THESE GENETIC LOCI.

No. of Pages: 278 No. of Claims: 110

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELECTRONIC CIGARETTE, ATOMIZING DEVICE, POWER POLE AND CHARGER CONNECTOR

		(71)Name of Applicant:
(51) International classification	:H02J	1)SHENZHEN FIRST UNION TECHNOLOGY CO., LTD.
(31) Priority Document No	:201310676937.6	Address of Applicant :1-3F, Building C, Gaoxin Industry
(32) Priority Date	:13/12/2013	Zone, Tangwei Village, Fuyong Town, Baoan District Shenzhen,
(33) Name of priority country	:China	Guangdong 518000, China; China
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)LI, Yonghai
(87) International Publication No	: NA	2)XU, Zhongli
(61) Patent of Addition to Application Number	:NA	3)HONG, Hepeng
Filing Date	:NA	4)ZHANG, Yansheng
(62) Divisional to Application Number	:NA	5)ZHONG, Yunping
Filing Date	:NA	6)DENG, Yindeng
		7)JIANG, Pengfei

(57) Abstract:

ABSTRACT An electronic cigarette includes an atomizing device and a power pole, the atomizing device includes a first connecting assembly, and the power pole includes a second connecting assembly. The first connecting assembly includes a pair of first electrodes and at least one lapping portion. The second connecting assembly includes a pair of second electrodes and a cavity with at least one adapting portion formed therein and a guiding surface formed adjacent to the at least one adapting portion. The at least one lapping portion is capable of inserting into the cavity from the guiding surface and rotatable in the cavity until abuts the at least one adapting portion, whereby the first electrodes are in contact with and thus electrically connected to the respective second electrodes. An atomizing device, a power pole and a charger connector are also provided.

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

(12) FATENT APPLICATION PUBLICATION

(22) Date of filing of Application :08/05/2014

(21) Application No.3745/DELNP/2014 A

(43) Publication Date: 06/11/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR GROWING PLANTS USING SILICATE BASED SUBSTRATES CULTIVATION OF ENHANCED PHOTOSYNTHETIC PRODUCTIVITY AND PHOTOSAFENING BY UTILIZATION OF EXOGENOUS GLYCOPYRANOSIDES FOR ENDOGENOUS GLYCOPYRANOSYL PROTEIN DERIVATIVES AND FORMULATIONS PROCESSES AND SYSTEMS FOR THE SAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C12M1/16 :61/561992 :21/11/2011 :U.S.A.	(71)Name of Applicant: 1)NONOMURA Arthur M. Address of Applicant: 4904 North Greentree Drive East Litchfield Park Arizona 85340 U.S.A. (72)Name of Inventor:
Filing Date	:19/11/2012	1)NONOMURA Arthur M.
(87) International Publication No	:WO 2013/078106	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

Methods for promoting plant growth based on novel photosafening treatment regimes with glycopyranosides including glycopyranosides and aryl a D glycopyranosides and more specifically with one or more compounds comprising terminal mannosyl triose optionally in the presence of light enhanced by one or more light reflecting and/or refracting members such as silicon based substrates. Furthermore chemical synthesis processes for the above compounds are disclosed for general application to plants. Silicate microbeads of the like are distributed over the ground or substrate in which roots of a plant are supported and planted beneath and around a plant in a manner that light is refracted or reflected toward the phylloplane.

No. of Pages: 96 No. of Claims: 23

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HYDROLYSIS OF MANNOSE-1-PHOSPHO-6-MANNOSE LINKAGE TO PHOSPHO-6-MANNOSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N :61/246,847 :29/09/2009 :U.S.A. :PCT/IB2010/002589 :29/09/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)UNIVERSITEIT GENT Address of Applicant:Sint-Pietersnieuwstraat 25 B-9000 Gent Belgium 2)VIB VZW 3)OXYRANE UK LIMITED 4)VRIJE UNIVERSITEIT BRUSSEL (72)Name of Inventor: 1)CALLEWAERT Nico Luc Marc 2)VERVECKEN Wouter 3)TIELS Petra Sophie 4)REMAUT Han Karel 5)PIENS Kathleen Camilla Telesphore Alida Maria
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(57) Abstract:

Described herein are methods and genetically engineered cells useful for uncapping a mannose-6-phosphate residue on an oligosaccharide.

No. of Pages: 206 No. of Claims: 77

(21) Application No.3746/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: CONDUIT SPACE RECOVERY SYSTEM

:19/11/2012

(51) International classification :H02G1/08,H02G1/12,H02G3/04 (71)Name of Applicant:

(31) Priority Document No :61/562035 (32) Priority Date :21/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2012/065763

No Filing Date

(87) International Publication No:WO 2013/078104

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

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

Filing Date

1)WESCO EQUITY CORPORATION

Address of Applicant :225 West Station Square Drive Suite

700 Pittsburgh Pennsylvania 15219 U.S.A.

(72)Name of Inventor:

1)ALLEN Jerry L.

(57) Abstract:

Space in a conduit having at least one cable therein which is surrounded by a duct is recovered by longitudinally cutting the duct and removing the duct from around the cable. The duct may be pulled out of the conduit and past a blade to affect the cutting or a blade may be pulled through the conduit to cut the duct while still in the conduit.

No. of Pages: 17 No. of Claims: 25

(21) Application No.3747/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: DISPLAY CONTROL APPARATUS DISPLAY CONTROL METHOD AND PROGRAM

(31) Priority Document No (32) Priority Date	:G06F3/048,G09G5/00,G09G5/38 :2011-250955 :16/11/2011	1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country (86) International Application No	:Japan :PCT/JP2012/006382 :04/10/2012	Japan (72)Name of Inventor: 1)KASAHARA Shunichi
Filing Date (87) International Publication No	:WO 2013/073100	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An information processing system that acquires captured image data corresponding to a user interface displayed on a first display the user interface including a plurality of graphic representations each corresponding to a respective function; and controls a second display to display a representation of the user interface based on a recognition process performed on the user interface the representation of the user interface indicating whether a function corresponding the plurality of the graphic representations is capable of being accessed.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONTEXT-SENSITIVE SLICING FOR DYNAMICALLY PARALLELIZING BINARY PROGRAMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 17/21 :12/607,589 :28/10/2009 :U.S.A. :PCT/US2010/046685 :25/08/2010 :WO 2011/056278 :NA :NA :NA	(71)Name of Applicant: 1)INTEL CORPORATION Address of Applicant: 2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BLOMSTEDT, JOSEPH 2)WANG, CHENG 3)WU, YOUFENG
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(57) Abstract:

In one embodiment of the invention a method comprising- (1) receiving an unstructured binary code region that is single-threaded; (2) determining a slice criterion for the region; (3) determining a call edge, a return edge, and a fallthrough pseudo-edge for the region based on analysis of the region at a binary level; and (4) determining a context-sensitive slice based on the call edge, the return edge, the fallthrough pseudo-edge, and the slice criterion. Embodiments of the invention may include a program analysis technique that can be used to provide context-sensitive slicing of binary programs for slicing hot regions identified at runtime, with few underlying assumptions about the program from which the binary is derived. Also, in an embodiment a slicing method may include determining a context-insensitive slice, when a time limit is met, by determining the context-insensitive slice while treating call edges as a normal control flow edges.

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

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHODS FOR IMPROVING THE DESIGN, BIOAVAILABILITY, AND EFFICACY OF DIRECTED SEQUENCE POLYMER COMPOSITIONS VIA SERUM PROTEIN-BASED DETECTION OF DIRECTED SEQUENCE POLYMER COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G01N 33/53 :61/281,470 :17/11/2009 :U.S.A.	(71)Name of Applicant: 1)ARES TRADING S.A. Address of Applicant: ZONE INDUSTRIELLE DE I'OURIETTAZ, CH-1170 AUBONNE, SWITZERLAND
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/US2010/057106 :17/11/2010 :WO 2011/063043 :NA :NA :NA	(72)Name of Inventor: 1)ZANELLI ERIC 2)KRIEGER JEFF 3)CONNOLLY JOE 4)COLLINS KATHRYN H.

(57) Abstract:

There exist in the art methods of detecting simple peptides. However, methods to determine the effective plasma concentration of directed sequence polymers (DSPs), are complicated because DSPs are complex mixtures of peptides, as opposed to individual peptides with a defined amino acid sequence. This application provides improved methods of detecting and assessing DSP compositions, methods for the detection and quantitation of DSP compositions, means to determine and enrich a subset of peptides in a DSP composition based on the subsets interactions with certain capture polypeptides, and methods for administering DSP compositions to a subject in need thereof, wherein the dosage regimen and quantity may be determined or evaluated based on the above- mentioned methods for detection and quantitation.

No. of Pages: 79 No. of Claims: 39

(22) Date of filing of Application :25/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: METHOD FOR MEASUREMENT OF FLUORESCENCE INTENSITY OF VOLTAGE-SENSITIVE FLUORESCENT DYE

(51) International classification	:G01N 21/78
(31) Priority Document No	:2009-251123
(32) Priority Date	:30/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069763
Filing Date	:29/10/2010
(87) International Publication No	:WO 2011/052801
(61) Patent of Addition to Application	:NA
Number	
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant:

1)DAIICHI SANKYO COMPANY, LIMITED

Address of Applicant: 5-1, NIHONBASHI HONCHO 3-CHOME, CHUO-KU, TOKYO 103-8426 JAPAN Japan

2)KEIO UNIVERSITY

(72)Name of Inventor:

1)HATTORI FUMIYUKI

2)FUKUDA KEIICHI

3)SATOH YU-SUKE

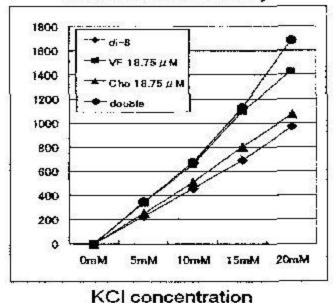
(57) Abstract:

An object of the present invention is to provide a method for increasing the change in the fluorescent intensity as emitted from potential-sensitive fluorochromes depending on a potential or ionic strength change. Another object of the present invention is to measure the changes in the activity potentials of ES cell- or iPS cell-derived cardiomyocytes that have heretofore been impossible to measure. The present inventors screened a variety of substances and found that vitamin E has an action for increasing the sensitivity of potential-sensitive fluorochromes whereas cholesterol has an action for enhancing the fluorescent intensity of potential-sensitive fluorochromes. In addition, it has become clear that these substances can be combined in such a way that the sensitivity of a potentialsensitive fluorochrome is increased by vitamin E while at the same time its absolute fluorescent intensity is enhanced by cholesterol.

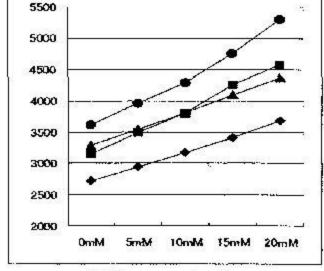
(b)

Fig. 3





5500



Fluorescent intensity

KCI concentration

No. of Pages: 30 No. of Claims: 22

(21) Application No.3647/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: N1-PYRAZOLOSPIROKETONE ACETYL-COA CARBOXYLASE INHIBITORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 471/10 :61/259,823 :10/11/2009 :U.S.A. :PCT/IB2010/054908 :29/10/2010 :WO 2011/058474 :NA :NA	(71)Name of Applicant: 1)PFIZER INC. Address of Applicant:235 EAST 42ND STREET, NEW YORK 10017, USA U.S.A. (72)Name of Inventor: 1)BAGLEY SCOTT WILLIAM 2)GRIFFITH DAVID ANDREW 3)KUNG DANIEL WEI-SHUNG
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(57) Abstract:

The invention provides a compound of Formula (I) or a pharmaceutically acceptable salt of the compound, wherein R1, R2, R3 and R4 are as described herein; pharmaceutical compositions thereof; and the use thereof in treating diseases, conditions or disorders modulated by the inhibition of an acetyl-CoA carboxylase enzyme(s) in an animal.

No. of Pages: 142 No. of Claims: 15

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: REACTOR FOR PRODUCING PHARMACEUTICAL PARTICLES IN A PRECIPITATION PROCESS'

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01F 7/00 :61/257,311 :02/11/2009 :U.S.A. :PCT/US2010/055085 :02/11/2010 :WO 2011/053963 :NA :NA :NA	(71)Name of Applicant: 1)MANNKIND CORPORATION Address of Applicant:28903 NORTH AVENUE PAINE, VALENCIA, CA 91355, U.S.A. U.S.A. (72)Name of Inventor: 1)SANKET GANDHI 2)KAREN MORALEDA 3)JADWIGA JACHOWICZ 4)MICHAEL ZUPON
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(57) Abstract:

Reactors, reactor systems and methods for producing particles in a precipitation process are provided. The reactor includes a housing defining a reaction chamber, a stator assembly including two or more stators, a rotor assembly including two or more rotors, the rotor assembly configured for rotation about an axis of rotation relative to the stator assembly, a first inlet to supply a first reactant material to the reaction chamber at a first radial location, a second inlet to supply a second reactant material to the reaction chamber at a second radial location different from the first radial location, wherein the first and second reactant materials react to produce precipitation of particles in the reaction chamber, and an outlet to supply the particles formed in the reaction chamber.

No. of Pages: 32 No. of Claims: 27

(21) Application No.3743/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BELT-TYPE STEPLESS TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:09/06/2010 :WO 2011/043105 :NA :NA	(71)Name of Applicant: 1)YANMAR CO., LTD. Address of Applicant: 1-9, TSURUNOCHO, KITA-KU, OSAKA-SHI, OSAKA 5308311, JAPAN Japan (72)Name of Inventor: 1)OUCHIDA TAKESHI 2)ISHINO FUMITOSHI 3)SHIOZAKI SHUJI
Filing Date	:NA	

(57) Abstract:

A belt-type stepless transmission is provided with: an input shaft (10); an input pulley (20) having a stationary sheave (21) and a movable sheave (22); a transmission shaft (40) disposed parallel to the input shaft (10); an output pulley (50) having a stationary sheave (51) and a movable sheave (52); a belt (90) wound around the input pulley (20) and the pulley (50); an output shaft (60) disposed coaxially with the transmission shaft (40); and a cam mechanism (80) having a sheave-side cam (81) which is provided and affixed to the movable sheave (52) and a shaft-side cam (82) which is provided and affixed to the output shaft (60) and causing the sheave-side cam (81) and the shaft-side cam (82) to make contact with each other to thereby enable the transmission of torque between the movable sheave (52) and the output shaft and apply an axial pressing force corresponding to the torque to the movable sheave (52).

No. of Pages: 49 No. of Claims: 2

(21) Application No.3743/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: SMALL SIZED DISPOSABLE PULL ON DIAPER

(51) International classification(31) Priority Document No	:A61F13/15,A61F13/49,A61F13/496 :61/564873	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Company
(32) Priority Date	:30/11/2011	Cincinnati OH 45202 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)MORIMOTO Koichi
(86) International Application No Filing Date	:PCT/US2012/038940 :22/05/2012	2)UMEO Takashi 3)UNEO Hiroyuki 4)YONEMURA Katsuhiro
(87) International Publication No	:WO 2013/081667	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A small sized disposable pull on diapers having optimized waist circumferential length and leg opening length. The small sized disposable pull on diapers have a better performance in ease of application and waist and leg fit.

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: V-TYPE BLOCK OF A CRANK CIRCULAR SLIDER MECHANISM AND A CYLINDER LINER, A GROUP OF THE CYLINDER LINER, MECHANICAL EQUIPMENT THEREOF

(51) International classification (31) Priority Document No	:F01B 1/06 :CN 200910236200.6	(71)Name of Applicant: 1)BEIJING SINOCEP ENGINE TECHNOLOGY CO.,
(32) Priority Date	:22/10/2009	LTD.
(33) Name of priority country	:China	Address of Applicant :ROOM 1111, JINGXUEYING
(86) International Application No	:PCT/CN2010/001324	BUILDING, 5A CHENGFUBEIHEYAN, HAIDIAN DISTRICT,
Filing Date	:31/10/2010	BEIJING 100080, P.R. CHINA China
(87) International Publication No	:WO 2011/047526	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)LI, MING
Number	:NA	2)LI, ZHENGZHONG
Filing Date	.IVA	3)TAN, PETER ZHIMIN
(62) Divisional to Application Number	:NA	4)MIAO, HUIYUAN
Filing Date	:NA	5)FENG, DEKUN

(57) Abstract:

A V-type block of a crank circular slider mechanism, comprising a piston with a circular slider receiving hole and a circular slider received in the receiving hole, the block having a main journal hole and comprising a group of adjacent cylinders arranged in a V form intersecting in the position of the main journal hole, each of the cylinders in the group penetrating the main journal hole, wherein said cylinders each penetrate the main journal hole with an axial length beyond the main journal hole, which the length is long enough for providing a reciprocating range required for the reciprocating motion of the part of the piston located beneath the receiving hole of the circular slider.

No. of Pages: 23 No. of Claims: 14

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: VEHICLE BEHAVIOR CONTROL DEVICE

(51) International :B60W30/02,B60G17/015,B60G17/0195 classification

(31) Priority Document :NA

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

country

(86) International

:PCT/JP2011/075899 Application No

:10/11/2011 Filing Date

(87) International Publication No

:WO 2013/069126

(61) Patent of Addition

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

Application Number Filing Date

:NA

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1 Toyota cho Toyota shi Aichi 4718571

Japan

(72) Name of Inventor:

1)KATSUYAMA Etsuo

(57) Abstract:

In order to control the pitch behavior and/or heaving behavior generated in a vehicle body (Bo) in conjunction with the travel of a vehicle (Ve), an electronic control unit (30) sets the driving forces F (braking forces F) which are generated at each wheel (11-14), have the same absolute value, and are in mutually opposing directions. Then, on the basis of the driving forces F (braking forces F), the unit (30) controls the driving of m-wheel motors (19-22) through an inverter (23). In addition, in response to the pitch behavior and/or heaving behavior generated in the vehicle body (Bo), the electronic control unit (30) changes the damping force of shock absorbers (15b - 18b) which form suspension mechanisms (15-18). Thus, with regard to the pitch behavior and the heaving behavior which are generated in an interact ing manner, it is possible to effectively prevent the unintended precipitation of one behavior (for ex ample, the pitch behavior) when controlling the other behavior (for example, the heaving behavior), and it is possible to independently control the intended be havior (the target behavior) of the vemcle body (Bo).

No. of Pages: 55 No. of Claims: 10

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: COUMARIN COMPOUNDS AS RECEPTOR MODULATORS WITH THERAPEUTIC UTILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 311/16 :61/254,236 :23/10/2009 :U.S.A. :PCT/US2010/053363 :20/10/2010 :WO 201/050054 :NA :NA :NA	(71)Name of Applicant: 1)ALLERGAN, INC. Address of Applicant:2525 DUPONT DRIVE, IRVINE, CA 92612, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)TODD M. HEIDELBAUGH 2)JOHN R. CAPPIELLO 3)PHONG NGUYEN 4)DARIO G. GOMEZ
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(57) Abstract:

The present invention relates to novel 2-oxo-2H-chromene-3-carboxamide derivatives, processes for preparing them, pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine-1-phosphate receptors.

No. of Pages: 75 No. of Claims: 11

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FLUX ADDITION AS A FILTER CONDITIONER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/287,812 :18/12/2009 :U.S.A.	(71)Name of Applicant: 1)CONOCOPHILLIPS COMPANY Address of Applicant: IP SERVICES GROUP, 600 N. DAIRY ASHFORD, BLDG. ML-1065, HOUSTON, TEXAS 77079, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)EMILE J. TROXCLAIR III
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(57) Abstract:

Improvements in a gasification system an4 process for gasifying carbonaceous feedstock with improved energy efficiency. Improved methods and systems for more efficient removal of particulates from a raw synthesis gas while simultaneously providing a novel mechanism for fluxing agent addition to the gasification reactor. A conditioning agent, in the form of coarse fluxing agent particles, is added to the raw synthesis gas upstream from the particle filtration unit. The conditioning agent allows more rapid turnaround of the filtration unit following filter element replacement, extends filter life, facilitates the removal of filter cake from the particle filters, and combines with removed filter cake for recycling to the gasifier. Addition of fluxing agent via this route eliminates the need to premix fluxing agent with the carbonaceous feedstock, thereby maximizing the rate of feedstock addition to the gasification reactor.

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

(21) Application No.3754/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR MANUFACTURING OLEFINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/10/2010 :WO 2011/052732 :NA :NA :NA	(71)Name of Applicant: 1)KAO CORPORATION Address of Applicant:14-10, NIHONBASHI-KAYABACHO 1-CHOME, CHUO-KU, TOKYO 1038210, JAPAN Japan (72)Name of Inventor: 1)SHINGO TAKADA
Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a process for producing an olefin, including the step of subjecting an aliphatic primary alcohol having 12 to 24 carbon atoms to liquid phase dehydration reaction in the presence of a solid acid catalyst, wherein among a total acid content of the solid acid catalyst as measured by an ammonia temperature-programmed desorption (NH3-TPD) method, an acid content of the solid acid catalyst as calculated from an amount of ammonia desorbed at a temperature not higher than 300°C in the method is 70% or larger of the total acid content.

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

(21) Application No.3754/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: CATALYTIC FLUORINATION PROCESS OF MAKING HYDROHALOALKANE

(51) International :C07C17/25,C07C17/42,C07C21/18 classification

(31) Priority Document No :61/558081

(32) Priority Date :10/11/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/064322

:09/11/2012

Filing Date

(87) International Publication :WO 2013/071024

(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)NAPPA Mario Joseph

Address of Applicant: 3 Oakridge Court Newark Delaware

19711 U.S.A.

2) JACKSON Andrew 3)MERKEL Daniel C. (72)Name of Inventor: 1)NAPPA Mario Joseph 2)JACKSON Andrew

3)MERKEL Daniel C.

(57) Abstract:

The present disclosure provides a fluorination process which involves reacting a hydrohaloalkene of the formula RfCC1= CH2 with HF in a reaction zone in the presence of a fluorination catalyst selected from the group consisting of TaF and T1F4 to produce a product mixture containing a hydrohaloalkane of the formula RfCFClCH3, wherein Rf is a perfluorinated alkyl group.

No. of Pages: 31 No. of Claims: 28

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FUEL CELL ASSEMBLY

(51) International classification	:H01M 8/02	(71)Name of Applicant:
(31) Priority Document No	:0950724-5	1)MYFC AB
(32) Priority Date	:02/10/2009	Address of Applicant :SALTMATARGATAN 8A, SE-113 59
(33) Name of priority country	:Sweden	STOCKHOLM, SWEDEN Sweden
(86) International Application No	:PCT/SE2010/051051	(72)Name of Inventor :
Filing Date	:30/09/2010	1)ANDERS LUNDBLAD
(87) International Publication No	:WO 2011/040875	2)LARS PERSSON (DECEASED)
(61) Patent of Addition to Application	:NA	3)TOMMY LOVGREN
Number	:NA	4)OLA HULTBERG
Filing Date	.11/1	5)DANIEL KARLSSON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3755/DELNP/2012 A

(57) Abstract:

The invention relates to a polyelectrolyte membrane fuel cell apparatus, comprising a backing plate (11), a top clamping plate (15), at least one in-plane planar fuel cell assembly (13) interposed between said top plate (15) and said backing plate (11), and current collector foil (14) interposed between the planar fuel cell(s) (13) and the top clamping plate (15), said current collector foil (14) comprising an electrically non-conductive foil having a pattern of electrically conductive material provided thereon on the side facing the planar fuel cell. The fuel cell apparatus is held together by spot welds between the top clamping plate and the backing plate (11).

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

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : ADJUSTING MECHANISM IN PARTICULAR FOR LONGITUDINALLY ADJUSTING A MOTOR VEHICLE SEAT

(51) International classification	:F16H25/12	(71)Name of Applicant:
(31) Priority Document No	:10 2011 085 873.3	1)IMS GEAR GMBH
(32) Priority Date	:07/11/2011	Address of Applicant :Heinrich Hertz Str. 16 78166
(33) Name of priority country	:Germany	Donaueschingen Germany
(86) International Application No	:PCT/DE2012/100333	2)JOHNSON CONTROLS METALS AND MECHANISMS
Filing Date	:30/10/2012	GMBH & CO. KG
(87) International Publication No	:WO 2013/068000	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)URBAN Daniel
Number	:NA	2)LANDSKRON Robert
Filing Date	.IVA	3)KARADAG Arif
(62) Divisional to Application Number	:NA	4)HOFSCHULTE Wolfram
Filing Date	:NA	5)KRIMMEL Fred

(57) Abstract:

The invention relates to an adjusting mechanism in particular for longitudinally adjusting a motor vehicle seat comprising a mechanism housing (30) fixed to a first part (10) which can be moved relative to a second part (12). The mechanism is arranged within the mechanism housing (30). A spindle (40) protrudes out of the mechanism housing (30). The spindle (40) is coupled to the second part (12) via a nut element (50). The mechanism housing (30) consists of plastic and at least one multi angled metal insert part (60 70) is embedded into the plastic. At least one wall (60b) of the metal insert part (60 70) is oriented orthogonally with respect to the spindle axis (A) and at least partly surrounds the spindle (40) on the mechanism housing (60) face associated with the nut element (30).

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: INTRALUMINAL DEVICE WITH IMPROVED FLEXIBILITY AND DURABILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:28/10/2010 :WO 2011/053693	(71)Name of Applicant: 1)CORDIS CORPORATION Address of Applicant:430 ROUTE 22, BRIDGEWATER, NJ 08807, U.S.A. U.S.A. (72)Name of Inventor: 1)MICHAEL V WILLIAMSON
		,
•		1)MICHAEL V WILLIAMSON
` '	:WO 2011/053693	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In accordance with the present invention, there is provided a stent for insertion into a vessel of a patient. The stent is a tubular member having front and back open ends and a longitudinal axis extending there between. The tubular member has a first smaller diameter for insertion into a patient and navigation through the vessels, and a second larger diameter for deployment into the target area of a vessel. The tubular member is made from a plurality of adjacent hoops extending between the front and back ends. The hoops include a plurality of longitudinal struts and a plurality of loops connecting adjacent struts. The stent further includes a plurality of bridges having loop to bridge connections which connect adjacent hoops to one another. The bridge to loop connection points are separated angularly with respect to the longitudinal axis. The bridges have one end attached to a loop, another end attached to a loop on an adjacent hoop. The connection point between the bridge and the hoops will have a repeating pattern over a plurality of strut apices such that the benefits of a decreased number of bridges is realized while simultaneously avoiding the creation of overly unconstrained hoops. It is preferred that the ratio of total number of circumferentially aligned loops to the number of loops spanned by a particular bridge be a whole number.

No. of Pages: 36 No. of Claims: 14

(21) Application No.3752/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ANTIBODY MIMETIC SCAFFOLDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07K 14/705 :61/256,901 :30/10/2009 :U.S.A. :PCT/US2010/055014 :01/11/2010 :WO 2011/053937 :NA	(71)Name of Applicant: 1)BAYER HEALTHCARE LLC Address of Applicant:555 WHITE PLAINS ROAD, TARRYTOWN, NY 10591, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RICHARD HARKINS 2)FANG JIN 3)YE JIN
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided herein are protein scaffolds, e.g. antibody mimetic scaffolds, comprising a three linger pro¬tein domain that specifically bind to target molecules, polynucleotides encoding such proteins, methods of using such proteins, and libraries of such scaffolds.

No. of Pages: 97 No. of Claims: 43

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: URINE MARKERS FOR DETECTION OF BLADDER CANCER

(51) International classification	:C07D215/38	(71)Name of Applicant:
(31) Priority Document No	:534,289	1)PACIFIC EDGE BIOTECHNOLOGY LTD.
(32) Priority Date	:23/07/2004	Address of Applicant :T D Scott & Co Ltd., Level 6, Otago
(33) Name of priority country	:New Zealand	House, 481 Moray Place, Dunedin, New Zealand New Zealand
(86) International Application No	:PCT/US2005/026055	(72)Name of Inventor:
Filing Date	:22/07/2005	1)GUILFORD Parry John
(87) International Publication No	: NA	2)KERR Natalie Jane
(61) Patent of Addition to Application	:NA	3)POLLOCK Robert
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:1338/DELNP/2007	
Filed on	:22/07/2005	

(57) Abstract:

Early detection of tumors is a major determinant of survival of patients suffering from tumors, including bladder tumors. Members of the BTM or UBTM family can be highly and consistently accumulated in bladder tumor tissue and other tumor tissue, and/or can be accumulated in urine of patients, and thus are markers for bladder and other types of cancer. In certain embodiments, BTMs or UBTMs can accumulate in the urine, and detection of UBTM family members can be an effective diagnostic approach. In some embodiments, quantitative PCR methods have advantages over microarray methods. In other embodiments, detection and quantification of a plurality of BTMs or UBTMs can increase the sensitivity and specificity of detection of bladder cancer, and therefore provides methods for determining the stage and type of bladder cancer. Kits provide easy, convenient ways for carrying out the methods of this invention.

No. of Pages: 121 No. of Claims: 13

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MULTI-GRATING BIOSENSOR FOR LABEL-INDEPENDENT OPTICAL READERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, USA U.S.A. (72)Name of Inventor: 1)STEVEN REID MATEJKA 2)ROBERT ADAM MODAVIS 3)DAVID ANDREW PASTEL
· · ·	7

(57) Abstract:

A multi-grating resonant waveguide (RWG) biosensor for an optical reader system having a spatial resolution limit is disclosed. The multi-grating RWG biosensor includes one or more signal-grating regions and one or more reference-grating regions. The multi-grating RWG biosensor can also include a non-resonance region that spatially separates the one or more signal-grating regions, that spatially separates the one or more reference-grating regions, and that spatially separates the one or more reference-grating regions from the one or more signal-grating regions. The non-resonance region can have a minimum width greater than the optical reader system spatial resolution limit. The RWG biosensor can have an asymmetric split-grating configuration. Methods of measuring a signal resonant wavelength of a multi-grating RWG biosensor using an optical reader having a spatial resolution limit are also disclosed.

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :26/04/2012

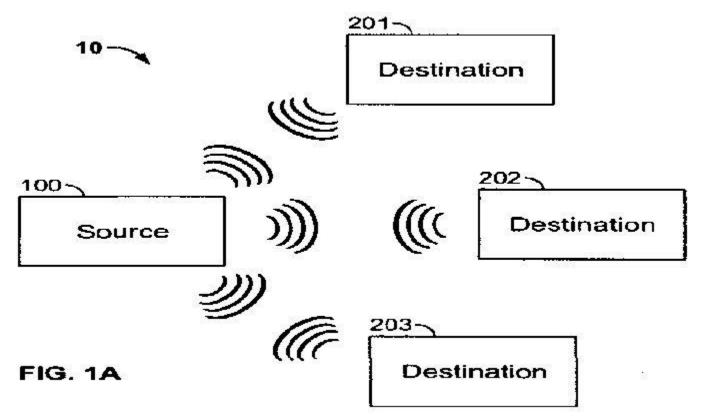
(43) Publication Date: 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM TO SUPPORT WIRELESS MULTICAST TRANSMISSION

(51) International classification	:H04W 4/06	(71)Name of Applicant:
(31) Priority Document No	:12/647,179	1)INTEL CORPORATION
(32) Priority Date	:24/12/2009	Address of Applicant :2200, MISSION COLLEGE
(33) Name of priority country	:U.S.A.	BOULEVARD, MS: RNB-4-150, SANTA CLARA,
(86) International Application No	:PCT/US2010/058802	CALIFORNIA 95052, UNITED STATES OF AMERICA U.S.A.
Filing Date	:02/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/078952	1)GONG, MICHELLE
(61) Patent of Addition to Application Number	:NA	2)LI, GUOQING
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system may include a source station to provide wireless multicast transmission to a plurality of destination stations according to a protocol adaptation layer multicast management protocol. The protocol adaptation layer may lie above the MAC layer. The multicast management protocol includes formation, maintenance, and termination procedures. Other embodiments are described and claimed.



No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: VEHICLE ACCESS CONTROL SERVICES AND PLATFORM

(51) International classification (31) Priority Document No	:G05D 1/00 :61/256,647	(71)Name of Applicant: 1)GETAROUND, INC.
(32) Priority Date	:30/10/2009	Address of Applicant :1233 HOWARD ST. #714, SAN
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2010/002863	FRANCISCO, CA 94103, USA U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:29/10/2010 :WO 2011/053357	1)SAM ZAID 2)VIJAI ANMA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ELLIOT KROO 4)MICHAEL LEE CROGAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Vehicle access control is disclosed. In various embodiments, a vehicle reservation from a wireless communication device is received, the vehicle reservation is authenticated, and access to the vehicle is provided after authenticating the vehicle reservation. In various embodiments, a system for vehicle access control includes a vehicle access control component that is configured to provide access to a vehicle and a communication interface for communication with a wireless communication device, a communication interface for communication with a wireless communication device. Access to the vehicle is provided when a vehicle reservation is received from the wireless communication device.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SUBSTITUTED 3-PHENYLPROPIONIC ACIDS AND THE USE THEREOF

		(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH
(51) International classification	:C07C 233/55	Address of Applicant : CREATIVE CAMPUS MONHEIM,
(31) Priority Document No	:102009046115.9	ALFRED NOBEL-STR. 10, 40789 MONHEIM, GERMANY
(32) Priority Date	:28/10/2009	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/065910	1)THOMAS LAMPE
Filing Date	:21/10/2010	2)MICHAEL HAHN
(87) International Publication No	:WO 2011/051165	3)JOHANNES-PETER STASCH
(61) Patent of Addition to Application	:NA	4)KARL-HEINZ SCHLEMMER
Number	:NA	5)FRANK WUNDER
Filing Date	.1171	6)SHERIF EL SHEIKH
(62) Divisional to Application Number	:NA	7)VOLKHART MIN-JIAN LI
Filing Date	:NA	8)EVA-MARIA BECKER
		9)FRIEDERIKE STOLL
		10)ANDREAS KNORR

(57) Abstract:

The present application relates to novel 3-phenylpropionic acid derivatives, to processes for their preparation, to their use for the treatment and/or prevention of diseases and to their use for preparing medicaments for the treatment and/or prevention of diseases, in particular for the treatment and/or prevention of cardiovascular disorders.

No. of Pages: 302 No. of Claims: 11

(21) Application No.3762/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AN ASSAY METHOD AND DEVICES INVOLVING THE USE OF MAGNETIC PARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/10/2010 :WO 2011/045436 :NA :NA :NA	(71)Name of Applicant: 1)AMIC AB Address of Applicant: UPPSALA SCIENCE PARK, S-UPPSALA SE-75183 SWEDEN Sweden (72)Name of Inventor: 1)IB MENDELHARTVIG
Filing Date	:NA	

(57) Abstract:

An assay device, and a method for performing an assay, for determining the presence and optionally quantity of an analyte, using a first capture molecule, capable of binding to the analyte, and a second capture molecule also capable of binding to the analyte, wherein the first capture molecule carries a first label which is not a magnetic label, and the second capture molecule is attached to a magnetic particle.

No. of Pages: 40 No. of Claims: 43

(21) Application No.3762/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: 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 	:10/10/2012 :WO 2013/055756 :NA :NA	(71)Name of Applicant: 1)TALKO INC. Address of Applicant: 2125 First Avenue #3202 Seattle Washington 98121 U.S.A. (72)Name of Inventor: 1)OZZIE Raymond Edward 2)NAGER Howard Benjamin 3)OZZIE Neil Bousquet 4)POPE Matthew Jason 5)RICHARDSON Ransom Lloyd 6)SPEYER Richard Zack
(62) Divisional to Application Number Filing Date	:NA :NA	6)SPEYER Richard Zack
Filing Date	:NA	

(57) Abstract:

Methods and systems for integrated communications are provided. In one embodiment a user input is received via a user interface. Media data is received in response to receiving the user input. The media data is streamed to one or more communication system users. In some embodiments the media data is posted to a shared virtual space associated with a communication system channel. Other methods and systems are described.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : SYSTEM FOR CONSTRUCTING ROTARY COMPRESSORS AND MOTORS WITH DYNAMICALLY VARIABLE VOLUMETRIC DISPLACEMENT AND COMPRESSION RATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F04B :020090093185 :02/10/2009 :Brazil :PCT/BR2010/000324 :04/10/2010 :NA :NA :NA	(71)Name of Applicant: 1)KOPELOWICZ, HUGO JULIO Address of Applicant:RUO JOAO ALVARES, 19 GAMBOA, RIO DE JANEIRO - RJ, CEP: 20220-330, BRAZIL (BR) Brazil (72)Name of Inventor: 1)KOPELOWICZ, HUGO JULIO
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(57) Abstract:

The present invention relates to a system for constructing rotary compressors and motors, each comprising two rotors with one, two or more plungers for each rotor, in order to create two or more chambers between the plungers. The chamber volume varies depending on the distance between the pistons, which results from the variable and alternatively opposite speeds of two of the rotors. This variation in speed can be obtained by various types of systems characterised in that the length of the radius of transmission or reception of a regular and uniform rotary movement is varied, transforming said movement into an oscillating movement having a variable speed or vice versa. The new system is characterised in that two mechanisms are used together or separately. One of the mechanisms dynamically modifies the distance between the plungers, in that the actuation mechanism or motor is arranged on sliding rails and is moved by means of a shaft, hydraulic piston or gear system, and the other mechanism dynamically modifies the beginning of the intake and compression phases, preventing the stoppage of the plunger in certain segments of the intake-compression chamber, excluding a chamber segment by a similar actuation mechanism, creating a fixed or variable opening that allows the passage of fluids and prevents the displacement thereof. The combined action of these two mechanisms is monitored by a sensor-fed computer system, allowing the parameters of the motor or compressor to be dynamically changed in order to achieve an improved and more efficient energy utilisation.

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

(21) Application No.1159/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: CHUCK DEVICE HAVING TWO COLLETS

(51) International classification (31) Priority Document No	:B23B31/12, :NA	(71)Name of Applicant: 1)WU, HSUAN-LUNG
(32) Priority Date	:NA	Address of Applicant :NO. 4-6, LE-TIEN LANE, FENG-SHU
(33) Name of priority country	:NA	LI, NAN-TUN DIST., TAICHUNG CITY, TAIWAN, POSTAL
(86) International Application No	:NA	CODE: 408 Taiwan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)WU, HSUAN-LUNG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A chuck device (300) includes front and rear collets (102, 112), a driving ring (72), and a driving sleeve (71). The driving ring (72) and the driving sleeve (71) can be driven hydraulically to move toward or away from each other. When the driving ring (72) and the driving sleeve (71) are moved hydraulically away from each other, each of the front and rear collets (102, 112) is moved to a release position. When the driving ring (72) and the driving sleeve (71) are moved hydraulically toward each other, each of the front and rear collets (102, 112) is moved to a clamping position. Fig. 5

No. of Pages: 31 No. of Claims: 9

(22) Date of filing of Application :08/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: Feature based three stage neural networks intrusion detection method and system

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G08B :EP13178653 :31/07/2013 :Germany :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)Siemens Aktiengesellschaft Address of Applicant: Wittelsbacherplatz 2 80333 M ¹ / ₄ nchen, GERMANY Germany (72)Name of Inventor: 1)Athmanathan Balakrishnan 2)Kamthania Supriya
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(57) Abstract:

Feature based three stage neural networks intrusion detection method and system A system and method for detecting a network intrusion is provided. The system comprises a first neural network (104) for determining a first plu-rality of weight values corresponding to a plurality of vectors of an input data. The system also includes a second neural network (106) for updating the first plurality of weight values received from the first neural network (104) to a second plurality of weight values based on the plurality of vectors of the input data. The system also has a third neural network (108) for updating the second plurality of weight values received from the second neural network (106) to a third plurality of weight values based on the plu-rality of vectors of the input data. The disclosed system further includes a classification module (110) for classifying the plurality of vectors under at least one of a plurality of intrusions based on the third plurality of weight values received from the third neural network (108). FIG 1

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

(21) Application No.3668/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: ROCKING CHAIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A47C 3/026 :2009-245006 :26/10/2009 :Japan :PCT/JP2009/070128 :30/11/2009 :WO 2011/052099	(71)Name of Applicant: 1)ITOKI CORPORATION Address of Applicant: 4-12, IMAFUKU-HIGASHI 1- CHOME, JOTO-KU, OSAKA-SHI, OSAKA 536-0002 (JP) Japan (72)Name of Inventor: 1)TAKEUCHI, HIROSHI 2)INOUE, SHINJI
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)HASHIMOTO, MINORU 4)TATSUNO, JUN

(57) Abstract:

Provided is a chair suited to the use of a keyboard or mouse, the chair has a seat 3 and a rocking backrest 4. The seat 3 comprises a first section 3a, 12a and a second section 3b, 12b. The first section 3a of the seat 3 is affixed to a seat-mounting shell 11 is attached to a base 9, via a seat-mounting fixture, so as to be slide forwards and backwards. The backrest 4 has a back cover 14, a back panel 15 and a cushion move downwards while rotating in a seesaw fashion during rocking. The front end of the back cover 14 is connected to the seat-mounting fixture 10 by means of a connecting pin 25. When the chair rocks, the seat 3 moves forwards as a whole while the second section 3b tilts backward.

No. of Pages: 79 No. of Claims: 16

(21) Application No.3669/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : HAMATOPOIETIC GROWTH FACTOR MIMETIC SMALL MOLECULE COMPOUNDS AND THEIR USES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C 251/86 :61/251,259 :13/10/2009 :U.S.A. :PCT/US2010/052359 :12/10/2010 :WO 2011/046954 :NA :NA :NA	(71)Name of Applicant: 1)LIGAND PHARMACEUTICALS INC. Address of Applicant:11119 N. TORREY PINES ROAD, SUITE 200, LA JOLLA, CA 92037, U.S.A. U.S.A. (72)Name of Inventor: 1)ZHI, LIN 2)HUDSON, ANDREW R. 3)VAN OEVEREN, CORNELIS, A. 4)ROACH, STEVEN, L. 5)PEDRAM, BIJAN 6)SHEN, YIXING 7)VALDEZ, LINO, J. 8)BASINGER, JILLIAN 9)GRANT, VIRGINIA, HEATHER, SHARRON
· · ·	:NA	

(57) Abstract:

The present embodiments relate to compounds with physiological effects, such as the activation of hematopoietic growth factor receptors. The present embodiments also relate to use of the compounds to treat a variety of conditions, diseases and ailments such as hematopoietic conditions and disorders.

No. of Pages: 576 No. of Claims: 135

(21) Application No.3768/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ROTATING ELECTRIC MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K1/00 :NA :NA :NA :NA :PCT/JP2011/076805 :21/11/2011 :WO 2013/076791 :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)YAMADA Eiji 2)MIZUTANI Ryoji 3)CHINEN Shintaro
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(57) Abstract:

Provided is a rotating electric machine that is capable of sufficiently cooling by using a liquid coolant electronic devices which are attached to a rotor. The rotating electric machine is equipped with: a stator for generating a rotating magnetic field; a rotatable rotor that is installed so as to face the stator; diode devices that are connected to coils wound on the rotor and arranged so as to rotate with the rotor; and a cooling structure for cooling the diode devices by means of a cooling oil which is supplied from the inner side in the radial direction with respect to the diode devices.

No. of Pages: 74 No. of Claims: 10

(22) Date of filing of Application :26/04/2012

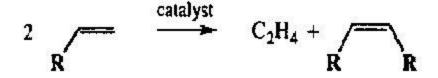
(43) Publication Date: 06/11/2015

(54) Title of the invention: HIGHLY Z-SELECTIVE OLEFIN METATHESIS

(51) International classification	:C07C 6/04	(71)Name of Applicant :
(31) Priority Document No	:12/571,036	1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY
(32) Priority Date	:30/09/2009	Address of Applicant :77 MASSACHUSETTS AVENUE,
(33) Name of priority country	:U.S.A.	CAMBRIDGE, MA 02139, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/002644	U.S.A.
Filing Date	:30/09/2009	2)TRUSTEES OF BOSTON UNIVERSITY
(87) International Publication No	:WO 2011/040963	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SCHROCK, RICHARD, R.
Number	:NA	2)KING, ANNIE, J.
Filing Date	.IVA	3)ZHAO, YU
(62) Divisional to Application Number	:NA	4)FLOOK, MARGARET M.
Filing Date	:NA	5)HOVEYDA, AMIR, H.

(57) Abstract:

The present invention relates generally to catalysts and processes for the Z-selective formation of internal olefm(s) from terminal olefin(s) via homo-metathesis reactions.



 $R = butyl(S_1), hexyl(S_2), CH_2Ph(S_3), CH_2SiMe_3(S_4), (CH_2)_8CO_2Me(S_5),$ $(CH_2)_7CO_2Me(S_6), CH_2-BO_2(S_7), CH_2OBenzyl(S_8), CH_2NHTosyl(S_9)$

 $CH_2NHPh (S_{10}), CH_2(OTBs) (S_{11}), CH_2Cy (S_{12})$

FIG. 3

No. of Pages: 67 No. of Claims: 39

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MULTISCALE FINITE VOLUME METHOD FOR RESERVOIR SIMULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:601 V 9/02 :61/255,766 :28/10/2009	(71)Name of Applicant: 1)CHEVRON U.S.A. INC. Address of Applicant:6001 BOLLINGER CANYON ROAD, SAN RAMON, CALIFORNIA 94583 UNITED STATES OF AMERICA U.S.A. 2)SCHLUMBERGER CANADA LIMITED 3)SERVICES PETROLIERS SCHLUMBERGER 4)LOGINED B.V. 5)PRAD RESEARCH AND DEVELOPMENT LIMITED (72)Name of Inventor: 1)LUNATI, IVAN FABRIZIO 2)TYAGI, MANAV 3)LEE, SEONG, H.
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(57) Abstract:

A Multiscale Finite Volume (MSFV) method is provided to efficiently solve large heterogeneous problems; it is usually employed for pressure equations and delivers conservative flux fields to be used in transport problems. It relies on the hypothesis that the fine-scale problem can be described by a set of local solutions coupled by a conservative coarse-scale problem. In numerically challenging cases, a more accurate localization approximation is used to obtain a good approximation of the fine-scale solution. According to an embodiment, a method is provided to iteratively improve the boundary conditions of the local problems, and is responsive to the data structure of the underlying MSFV method and employs a Krylov-subspace projection method to obtain an unconditionally stable scheme and accelerate convergence. In one embodiment the MSFV operator is used. Alternately, the MSFV operator is combined with an operator derived from the problem solved to construct the conservative flux field.

No. of Pages: 56 No. of Claims: 17

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HETEROCYCLIC SUFONAMIDE DERIVATIVES USEFUL AS MEK INHIBITORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:02/11/2010 :WO 2011/054828 :NA :NA :NA	(71)Name of Applicant: 1)NOVARTIS AG Address of Applicant: LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND Switzerland (72)Name of Inventor: 1)BOCK MARK G. 2)CHIKKANNA DINESH 3)MCCARTHY CLIVE 4)MOEBITZ HENRIK 5)PANDIT CHETAN
Number Filing Date	:NA	4)MOEBITZ HENRIK

(57) Abstract:

The present invention relates to compounds of Formula (IA) Where R1a, R1b, X, R2a, R2b, W, R3, R4, and R5 are as defined herein as well as pharmaceutically acceptable salts thereof. The compounds have been shown to act as MEK inhibitors which may be useful in the treatment of hyperproliferative diseases, like cancer and inflammation.

No. of Pages: 119 No. of Claims: 15

(21) Application No.3771/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: REDOX FLOW BATTERY

(51) International classification(31) Priority Document No	:H01M 8/18 :2010-102747	(71)Name of Applicant: 1)SUMITOMO ELECTRIC INDUSTRIES, LTD.
(32) Priority Date	:27/04/2010	Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-
(33) Name of priority country	:Japan	KU, OSAKA-SHI, OSAKA 541-0041, JAPAN Japan
(86) International Application No	:PCT/JP2011/060228	(72)Name of Inventor:
Filing Date	:27/04/2011	1)SHIGEMATSU TOSHIO
(87) International Publication No	:WO 2011/136256	2)DONG YONGRONG
(61) Patent of Addition to Application	:NA	3)KUMAMOTO TAKAHIRO
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A redox flow (RF) battery capable of improving an energy density is provided. An RF battery 100 performs charge and discharge by supplying a positive electrode electrolyte and a negative electrode electrolyte to a positive electrode cell 102 and a negative electrode cell 103, respectively. Each of the positive electrode electrolyte and the negative electrode electrolyte contains a vanadium (V) ion as active material. At least one of the positive electrode electrolyte and the negative electrode electrolyte further contains another metal ion, for example, a metal ion such as a manganese ion that exhibits a higher redox potential than a V ion or a metal ion such as a chromium ion that exhibits a lower redox potential than a V ion. Even in cases where the RF battery 100 is charged until the state of charge reaches nearly 100%, side reactions such as generation of oxygen gas or hydrogen gas due to water decomposition and oxidation degradation of an electrode can be suppressed since the above-mentioned another metal ion contained together with the V ion is oxidized or reduced in the late stage of charge. Since the utilization rate of the V ion in the electrolyte can be increased by enhancing the state of charge, the energy density of the RF battery 100 can be improved as compared to the conventional RF batteries.

No. of Pages: 42 No. of Claims: 18

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SPONSORED ACCOUNTS FOR COMPUTER-IMPLEMENTED PAYMENT 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 	:28/10/2010 :WO 2011/053718 :NA :NA :NA	(71)Name of Applicant: 1)VISA INTERNATIONAL SERVICE ASSOCIATION Address of Applicant: 900 METRO CENTER BOULEVARD, M1-11A, FOSTER CITY, CA 94404, U.S.A. U.S.A. (72)Name of Inventor: 1)PERLMAN JEFFREY WILLIAM
Filing Date	:NA	

(57) Abstract:

Systems and methods for primary and sponsored accounts are provided. A system may include an account processor to execute software instructions for creating and managing electronic payment accounts and an accounts database to store account data from the account processor. The account processor may be configured to create a primary account and a sponsored account in the accounts database. The primary account may be associated with a primary account holder who has access to the primary account to add and remove funds. The sponsored account may be associated with both the primary account holder and a sponsored account holder, where the primary account holder has access to the sponsored account to transfer funds between the primary account and the sponsored account in order to add and remove funds from the sponsored account, and the sponsored account holder has access to the sponsored account for making transactions using funds in the sponsored account.

No. of Pages: 86 No. of Claims: 25

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PHENOXY-SUBSTITUTED PYRIMIDINES AS OPIOID RECEPTOR MODULATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 239/28 :61/256,394 :30/10/2009 :U.S.A. :PCT/US2010/054478 :28/10/2010 :WO 2011/053701 :NA :NA :NA	(71)Name of Applicant: 1)JANSSEN PHARMACEUTICA, N.V Address of Applicant: TURNHOUTSEWEG 30, B-2340 BEERSE, BELGIUM, Belgium (72)Name of Inventor: 1)STEVEN J. COATS 2)YUE-MEI ZHANG 3)SHU-CHEN LIN 4)LI LIU 5)TAMARA A. MISKOWSKI 6)SCOTT L. DAX 7)HENRY BRESLIN 8)BART L.DECORTE 9)WEI HE
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(57) Abstract:

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula I as follows: Formula I wherein R1, Y, R2, R3, and Ra are defined herein.

No. of Pages: 83 No. of Claims: 26

(22) Date of filing of Application :30/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : EXHAUST GAS CLEANING COMPONENT HAVING A DEFLECTION SURFACE AND METHOD FOR PRODUCTION THEREOF

(51) International classification :F01N 3/28 :10 2009 056 183.8 (31) Priority Document No (32) Priority Date :27/11/2009 (33) Name of priority country :Germany (86) International Application No Filing Date :12/11/2010 (87) International Publication No :WO 2011/064109 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

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Address of Applicant :HAUPTSTRASSE 128, 53797

:PCT/EP2010/067370 LOHMAR (DE) Germany

(72)Name of Inventor:

1)BRUCK, ROLF

(57) Abstract:

The invention relates to a method for producing an exhaust gas cleaning component (1) comprising a carrier structure (2) having an inflow side (3), an outflow side (4) and a predefined flow direction (6) and a deflection surface (5) arranged opposite the outflow side (4). According to the invention, the method comprises at least the following steps: providing the carrier structure (2); loading the carrier structure (2) with an exhaust gas flowing from the inflow side (3) to the outflow side (4) in the predefined flow direction (6); determining a distribution of flow speeds (7) on the outflow side (4) of the carrier structure (2); and designing the shape (8) of the deflection surface (5) having at least one backpressure element (25) in dependence on the distribution of flow speeds (7) on the outflow side (4) so that the distribution of flow speeds (7) is equalized.

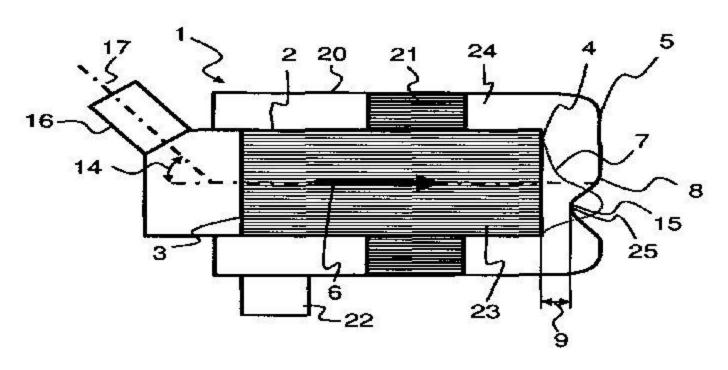


Fig. 2

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

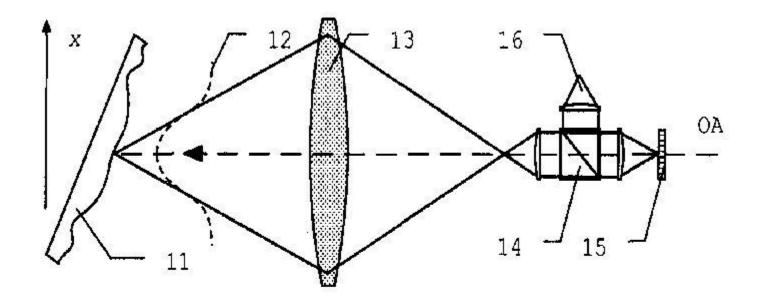
(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR SPECKLE MITIGATION IN AN INTERFEROMETRIC DISTANCE METER AND CORRESPONDING DISTANCE METER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/12/2010 :WO 2011/073126 :NA	(71)Name of Applicant: 1)LEICA GEOSYSTEMS AG Address of Applicant: HEINRICH-WILD-STRASSE, CH- 9435 HEERBRUGG (CH) Switzerland (72)Name of Inventor: 1)ROHNER, MARCEL 2)SALVADE, YVES
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A method for speckle mitigation in an interferometric distance meter comprises the steps of transmitting optical radiation (12) with at least one wavelength $\hat{\Lambda}$ to a target (11) to be surveyed, receiving a portion of the optical radiation (12) scattered back by the target (11) in an optical axis (OA), wherein the optical radiation (12) forms a speckle field, converting the received optical radiation (12) into at least one received signal, determining a true distance to the target (11) from the received signal by absolute or incremental interferometric distance measurements. In the method the true pointing direction relative to the optical axis (OA) is determined, wherein the distance error due to speckle effects is corrected.





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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: APPARATUS FOR TREATING A FLUID WITH MICROWAVE RADIATION

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 (88) International Publication No (89) International Publication No (90) EVO 2011/048 (91) International Publication No (91) International Application No (92) International Publication No (93) International Application No (94) International Application No (95) International Application No (96) International Application No (97) International Classification (98) International Classification (98) International Classification (99) International Classification (99) International Application No (90) International Application No (91) International Publication No (91) International Publication No (91) International Publication No (92) International Publication No (93) International Publication No (94) International Publication No (95) International Publication No (96) International Publication No (97) International Publication No (98) International Publication No (99) International Publication No (90) International Publication No (90) International Publication No (90) International Publication No (90) International Publication No (91) International Publication No (92) International Publication No (93) International Publication No (94) International Publication No (95) International Publication No (96) International Publication No (97) International Publication No (98) International Publication	(71)Name of Applicant: 1)ADVANCED MICROWAVE TECHNOLOGIES LTD. Address of Applicant: 2/34 SALTIRE SQUARE, EDINBURGH EH5 1PR (GB) U.K. (72)Name of Inventor: 1)ZADYRAKA, YURIY, VLADIMIROVICH 2)GRITSININ, SERGEY, IVANOVICH 3)MISAKYAN, MAMIKON, ARAMOVICH 4)KOSSYL, IGOR, ANTONOVICH 5)BARKHUDAROU, EDUARD, MIKAILOVICH
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(57) Abstract:

An apparatus for treating a flow of fluid with microwave radiation, the apparatus comprising: a vessel having a sidewall and opposed first and second end walls defining a substantially cylindrical chamber, the first end wall being disposed a predetermined distance dl from the second end wall; a pipeline for flowing fluid through, the pipeline passing through the first end wall towards the second end wall of the vessel, the chamber and the pipeline being substantially co-axial and the pipeline being substantially transparent to microwave radiation; and a microwave radiation inlet in the side wall of the vessel for admitting microwave radiation of wavelength λ . into the chamber, wherein the distance di is substantially equal to an integral multiple of $\lambda/2$ so that the chamber is a microwave resonator.

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

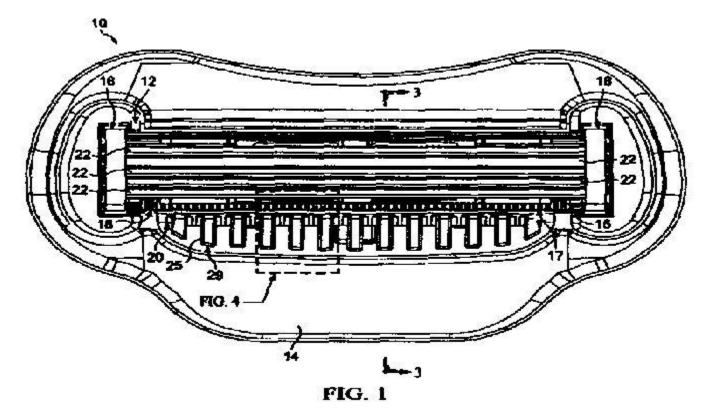
(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CANTILEVER COMB FOR RAZOR CARTRIDGE GUARD

(51) International classification	:B26B 21/40	(71)Name of Applicant:
(31) Priority Document No	:12/614,600	1)THE GILLETTE COMPANY
(32) Priority Date	:09/11/2009	Address of Applicant :WORLD SHAVING
(33) Name of priority country	:U.S.A.	HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT - 3E,
(86) International Application No	:PCT/US2010/055758	ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127,
Filing Date	:08/11/2010	U.S.A. U.S.A.
(87) International Publication No	:WO 2011/057170	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ROYLE, TERENCE, GORDON
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A shaving blade assembly having a blade unit with at least one blade and a guard bar positioned in front of the blade. A cantilever guard is positioned in front of the blade unit defining a gap between the guard bar and the cantilever guard. The cantilever guard has a plurality of spaced apart fingers extending transverse to the blade. The fingers have a wedge shaped cross section in a direction transverse to the blades and are movable relative to the guard bar between a first position and a second position during a shaving stroke.



No. of Pages: 19 No. of Claims: 15

(21) Application No.4071/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: TIRE WITH ASYMMETRIC GROOVE BOTTOM FOR SHOULDER GROOVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 COURS SABLON F-6300 CLERMONT-FERRAND, FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)WILLIAM BENNETT CLAYTON 2)SUSAN MARIE NELSON
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(57) Abstract:

A tire with a shoulder groove that has an asymmetric bottom is provided and, more particularly, a tire is provided having a shoulder groove that includes features at the bottom of the groove that help reduce stress and alleviate cracking from tire operation. The reduction is accomplished without the addition of material to the groove bottom.

No. of Pages: 17 No. of Claims: 19

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : OPTICAL SENSOR SYSTEM BASED ON ATTENUATED TOTAL REFLECTION AND METHOD OF SENSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G01N 21/55 :12/617,081 :12/11/2009 :U.S.A. :PCT/SE2010/051233 :10/11/2010 :WO 2011/059383 :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BENGT IVARSSON 2)MARK M. MEYERS
` '		2)WARK W. WETERS

(57) Abstract:

An optical detection system is provided for generating and detecting a beam of electromagnetic radiation having intensity. The optical detection system comprises a source for producing the beam of electromagnetic radiation; and a body, that is at least partially transparent and comprises an ATR-sensor layer on at least a portion of the body, having an entrance surface for the beam of electromagnetic radiation, an internally or externally reflective surface that reflects the beam transmitted through the entrance surface, and an exit surface through which the beam, reflected from the second surface, exits the transparent body. The optical detection system may further comprise a distribution device between the beam source and the body; wherein the distribution device redistributes the intensity of the beam from a non-uniform intensity distribution to a substantially uniform intensity distribution; and a detector that detects the beam of electromagnetic radiation exiting the body.

No. of Pages: 26 No. of Claims: 25

(21) Application No.4073/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : BAKE-HARDENABLE HIGH-STRENGTH COLD-ROLLED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME

(57) Abstract:

The present invention provides a bake-hardenable high-strength cold-rolled steel sheet having excellent bake hardenability, cold aging resistance, and deep-drawability, and reduced planar anisotropy, containing chemical components in % by mass of: C: 0.0010% to 0.0040%, Si: 0.005% to 0.05%, Mn: 0.1% to 0.8%, P: 0.01% to 0.07%, S: 0.001% to 0.01%, Al: 0.01% to 0.08%, N: 0.0010% to 0.0050%, Nb: 0.002% to 0.020%, and Mo: 0.005% to 0.050%, a value of [Mn%]/[P%] being in the range of 1.6 to 45, where [Mii%] is an amount of Mn and [P%] is an amount of P, an amount of C in solid solution obtained from [C%] - (12/93) x [Nb%] being in the range of 0.0005% to 0.0025%, where [C%] is an amount of C and [Nb%] is an amount of Nb, with a balance including Fe and inevitable impurities, wherein the bake-hardenable high-strength cold-rolled steel sheet satisfies the following Equation (1), where X(222), X(110), and X(200) represent ratios of integrated intensity of X-ray diffraction of $\{222\}$ plane, $\{110\}$ plane, and $\{200\}$ plane, respectively, being parallel to a plane located at a depth of 1/4 plate thickness measured from the surface of the steel sheet, and the bake-hardenable high-strength cold-rolled steel sheet has tensile strength in the range of 300 MPa to 450 MPa. $X(222)/\{X(110) + X(200)\}$ -> 3.0 -Equation (1)

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

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: STRUCTURED SILICON BATTERY ANODES

(51) International classification	:H01M 4/04	(71)Name of Applicant:
(31) Priority Document No	:61/256,445	1)WILLIAM MARSH RICE UNIVERSITY
(32) Priority Date	:30/10/2009	Address of Applicant :6100 MAIN STREET, HOUSTON, TX
(33) Name of priority country	:U.S.A.	77005, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/054577	2)LOCKHEED MARTIN CORPORATION
Filing Date	:28/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/053736	1)SIBANI LISA BISWAL
(61) Patent of Addition to Application	:NA	2)MICHAEL S. WONG
Number	:NA	3)MADHURI THAKUR
Filing Date	.11/1	4)STEVEN L. SINSABAUGH
(62) Divisional to Application Number	:NA	5)MARK J. ISAACSON
Filing Date	:NA	

(57) Abstract:

Methods of fabricating porous silicon by electrochemical etching and subsequent coating with a passivating agent process are provided. The coated porous silicon can be used to make anodes and batteries. It is capable of alloying with large amounts of lithium ions, has a capacity of at least 1000 mAh/g and retains this ability through at least 60 charge/discharge cycles. A particular pSi formulation provides very high capacity (3000 mAh/g) for at least 60 cycles, which is 80% of theoretical value of silicon. The Coulombic efficiency after the third cycle is between 95-99%. The very best capacity exceeds 3400 mAh/g and the very best cycle life exceeds 240 cycles, and the capacity and cycle life can be varied as needed for the application.

No. of Pages: 49 No. of Claims: 22

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DOCK-AND-LOCK(DNL) COMPLEXES FOR DELIVERY OF INTERFERENCE RNA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:09/12/2010 :wo 2011/072114 :NA :NA	(71)Name of Applicant: 1)IBC PHARMACEUTICALS INC. Address of Applicant: 300 AMERICAN ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A. U.S.A. (72)Name of Inventor: 1)CHANG, CHEIN-HSING 2)GOLDENBERG, DAVID M.
Filing Date	:NA :NA	

(57) Abstract:

Described herein are compositions and methods of use of targeted delivery complexes for delivery of siRNA to a disease-associated cell, tissue or pathogen. The targeted delivery complex comprises a targeting molecule, such as an antibody or fragment thereof, conjugated to one or more siRNA carriers. In preferred embodiments the siRNA carrier is a dendrimer or protamine and the targeting molecule is an anti-cancer antibody, such as hRS7. More preferably, the antibody or fragment is rapidly internalized into the target cell to facilitate uptake of the siRNA. Most preferably, the targeted delivery complex is made by the DNL technique. The compositions and methods are of use to treat a variety of disease states, such as cancer, autoimmune disease, immune dysfunction, cardiac disease, neurologic disease, inflammatory disease or infectious disease.

No. of Pages: 97 No. of Claims: 39

(21) Application No.3731/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: GRANULATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/12/2012 :WO 2013/091827 :NA :NA :NA	(71)Name of Applicant: 1)THERMO ELECTRON (KARLSRUHE) GMBH Address of Applicant: Dieselstrasse 4 76227 Karlsruhe Germany (72)Name of Inventor: 1)STOCKMANN Erich 2)GEISSLER Thobias
Filing Date	:NA	

(57) Abstract:

The invention relates to a granulator having a cutting device which is driven by a drive device and to which a material strand can be supplied for example by means of a conveying device. The drive device is accommodated in a granulator housing. The cutting device and optionally also the conveying device are arranged in a separate module housing which is connected in a detachable manner to the granulator housing and can be removed from same. The cutting device and/or the conveying device are connected to the respective drive device via detachable couplings. The cutting device and optionally also the conveying device can be removed from the granulator housing as a unit together with the module housing.

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

$(54) \ Title \ of the invention: CO-CRYSTAL \ OF \ 4-\{[6-CHLOROPYRID-3-YL)METHYL]2, 2-DIFLUOROETHYL) AMINO\} FURAN-2(5H)-ONE \ WITH SALICYLIC \ ACID \ AND \ USE \ THEREOF \ AS \ PESTICIDE$

(51) International classification	:C07D 405/12	(71)Name of Applicant :
(31) Priority Document No	:09013510.4	1)BAYER INTELLECTUAL PROPERTY GMBH
(32) Priority Date	:27/10/2009	Address of Applicant :CREATIVE CAMPUS MONHEIM,
(33) Name of priority country	:EUROPEAN	ALFRED-NOBEL-STR. 10, 40789 MOHEIM, GERMANY,
(33) Name of priority country	UNION	Germany
(86) International Application No	:PCT/EP2010/066095	(72)Name of Inventor:
Filing Date	:26/10/2010	1)MARTIN WEIB
(87) International Publication No	:WO 2011/051242	2)DIRK STORCH
(61) Patent of Addition to Application	.NI A	3)WOLFGANG WIRTH
Number	:NA	4)BRITTA OLENIK
Filing Date	:NA	5)HANS-CHRISTOPH WEIB
(62) Divisional to Application Number	:NA	6)ULRICH SCHWIEDOP
Filing Date	:NA	
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(57) Abstract:

The invention relates to new co-crystals of $4-\{[6-chloropyrid-3-yl)methyl](2,2-difluoroethyl)amino\}$ furan-2(5H)-one (I) with salicylic acid, and also to processes for preparation thereof and use thereof.

No. of Pages: 23 No. of Claims: 14

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF 5-LIPOOXYGENASE ACTIVATING PROTEIN INHIBITORS AND THEIR INTERMEDIATES

(51) International classification :C12N (31) Priority Document No :61/257,479 (32) Priority Date :03/11/2009 (33) Name of priority country :U.S.A. (86) International Application No :PCT/EP2010/066577 Filing Date :02/11/2010 (87) International Publication No :WO 2011/054783 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

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Address of Applicant :GLAXO WELLCOME HOUSE, BERKELEY AVENUE, MIDDLESEX UB6 0NN, UNITED KINGDOM U.K.

2)PANMIRA PHARMACEUTICALS LLC

(72) Name of Inventor:

1) CLAIRE FRANCES CRAWFORD

2)SANDRINE GARCIA

3)JONATHAN PAUL GRAHAM

4)SANDRA JANE HARLING

5)NICHOLAS PAUL HENLEY

6)STEPHEN ANDREW HERMITAGE

7) JOHN HOWARD HUTCHINSON

8)TREVOR RAYMOND KEEL

9)ANDREW KENNEDY

10)ANDREW MCMURTRIE MASON

11)MARK SIMON SCOTT

12)NEIL MICHAEL SMITH

13) NICHOLAS SIMON STOCK

14)YUICHI TATENO

15)LEONTINE SASKIA TROUW

16)PETER GRAHAM TURNER

17) CHRISTOPHER JOHN WALLIS

18) ROBERT DAVID WILLACY

(57) Abstract:

The present invention provides processes useful for preparing 5-lipoxygenase activating protein (FLAP) inhibitors and their intermediates. In particular, processes for preparing 3-[3-(tert-butylsulfanyl)-1-[4-(6-ethoxy-pyridin-3-yl)benzyl]-5-(5-methyl-pyridin-2-yl-methoxy)-1H-indol-2-yl]-2,2-dimethyl-propionic acid, the anhydrous Form C polymorph of sodium 3-[3-(tert-butylsulfanyl)-1-[4-(6-ethoxy-pyridin-3-yl)benzyl]-5-(5-methyl-pyridin-2-yl-methoxy)-1H-indol-2-yl]-2,2-dimethyl-propionate, and intermediates useful in said processes are provided.

No. of Pages: 68 No. of Claims: 19

(2

(21) Application No.4079/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: HYDROPHILIC 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 	:A61L 29/08 :12/638,464 :15/12/2009 :U.S.A. :PCT/US2010/060216 :14/12/2010 :WO 2011/081908 :NA :NA	(71)Name of Applicant: 1)C.R. BARD INC. Address of Applicant:730 CENTRAL AVENUE, MURRAY HILL, NJ 07974, U.S.A. U.S.A. (72)Name of Inventor: 1)RICHARD K. ELTON
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

A hydrophilic, lubricious coating for a substrate includes a first coating layer having a cross-linked polyurethane or polyurea complexed with poly(ethylene oxide) formed by reacting a mixture of an isocyanate, a polyol or polyamine, and a poly(ethylene oxide), and a second coating layer having a cross-linked polyurethane or polyurea complexed with polyvinylpyrrolidone formed by reacting a mixture of an isocyanate, a polyol or polyamine, and a polyvinylpyrrolidone. The first layer is substantially covered by the second layer and the second layer at least partially interpenetrates the first layer. The coating is provided by applying the first coating layer, curing to provide a cross-linked polyurethane or polyurea/poly(ethylene oxide) coating, applying the second layer, and curing to provide a cross-linked polyurethane or polyurea/polyvinylpyrrolidone coating.

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

(21) Application No.4080/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE FOR PERSONAL USE IN PHOTOTHERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01N :61/255,300 :27/10/2009 :U.S.A. :PCT/IB2010/003212 :27/10/2010 :WO 2011/058448 :NA :NA	(71)Name of Applicant: 1)KLOX TECHNOLOGIES INC. Address of Applicant: 759 VICTORIA SQUARE, SUITE 224, MONTREAL, QC H2Y 2J7, CANADA Canada (72)Name of Inventor: 1)REMIGIO PIERGALLINI 2)NIKOLAOS LOUPIS 3)LISE HEBERT
(61) Patent of Addition to Application	:NA	· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided an applicator cartridge for delivery of a photoactivatable composition to a treatment site, having an applicator head and a reservoir adapted to receive the composition, which may be used with a photodynamic therapy device comprising an illuminating member. Methods of using the applicator cartridge and the device are also provided.

No. of Pages: 44 No. of Claims: 46

(21) Application No.4081/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FUEL CELL SYSTEMS

(51) International classification	:H01M 8/22	(71)Name of Applicant:
(31) Priority Document No	:61/259,685	1)POINT SOURCE POWER INC.
(32) Priority Date	:10/11/2009	Address of Applicant :851 W. MIDWAY AVENUE SUITE
(33) Name of priority country	:U.S.A.	210, ALAMEDA, CA 94501, USA U.S.A.
(86) International Application No	:PCT/US2010/002406	(72)Name of Inventor:
Filing Date	:31/08/2010	1)CRAIG PETER JACOBSON
(87) International Publication No	:WO 2011/059468	2)MICHAEL COOK TUCKER
(61) Patent of Addition to Application	:NA	3)TAL ZVI SHOLKLAPPER
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for generating electrical power includes a fuel storage container having an inside and an outside including a heat conducting region configured to allow heat from an external heat source to be conducted into the fuel storage container. The system further includes a fuel cell region associated with a fuel cell having two sides, one side of the fuel cell exposed to the outside of the fuel storage container and one side of the fuel cell exposed to the inside of the fuel storage container, wherein the wall is configured to isolate the inside of the fuel storage container from the environment outside the fuel storage container. The system further includes an opening for receiving a fuel load for storage in the fuel storage container, the fuel cell having two sides, and an electrical connection providing access to power generated by the fuel cell.

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

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: METHOD FOR CONTROLLING AN ELEVATOR INSTALLATION, AND ELEVATOR INSTALLATION FOR CARRYING OUT THE METHOD

(51) International classification	:B66B 1/20	(71)Name of Applicant:
(31) Priority Document No	:10150145.0	1)THYSSENKRUPP AUFZUGSWERKE GMBH
(32) Priority Date	:05/01/2010	Address of Applicant :BERNHAUSER STRAE 45, 73765
(33) Name of priority country	:EUROPEAN	NEUHAUSEN GERMANY (DE) Germany
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/069672	1)THUMM, GERHARD
Filing Date	:14/12/2010	2)DOLDE, WALTER
(87) International Publication No	:WO 2011/082996	3)MEYLE, PETER
(61) Patent of Addition to Application	:NA	4)GERSTENMEYER, STEFAN
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

The invention relates to a method for controlling an elevator installation (10) having at least one shaft (12, 26) in which at least one elevator car (14, 28) is movable by means of a drive device (20, 22, 34, 36), and having an elevator control apparatus (50) which controls the operation of the elevator installation (10). To further improve the method in such a way that it is possible to reduce the energy consumption and wear on the elevator installation (10) and to increase the transport capacity, according to the invention it is proposed that use data of the elevator installation (10) are recorded and stored in a database (60, 61) of the elevator control apparatus (50), use data recorded within a predefined or predefinable recording period are evaluated for the presence of use patterns by means of at least one signal processing device (56, 57) of the elevator control apparatus (50), the signal processing device having an operating system, and the operation of the elevator installation (10) is controlled in dependence on the use patterns in a manner which is anticipatory and is optimized with regard to energy and/or transport capacity. The invention further relates to an elevator installation (10) for carrying out the method.

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

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING COMMUNICATIONS TO AND FROM UTILITY SERVICE POINTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/10/2010 :WO 2011/043818 :NA :NA :NA	(71)Name of Applicant: 1)CONSERT INC. Address of Applicant:12508 JONES MALTSBERGER ROAD SUITE 110 SAN ANTONIO, TX 78247 USA U.S.A. (72)Name of Inventor: 1)FORBES, JOSEPH, W., JR. 2)WEBB. JOEL, L. 3)LONG, JOHN, O.F.
Filing Date	:NA	

(57) Abstract:

An apparatus and method control transmission of messages over a fixed bandwidth link from fixed position communication devices to a central controller in a load management system. The messages include information relating to electric power consumption by power consuming devices located at service points that include the communication devices. In one embodiment, the central controller determines an identifier associated with each communication device, a reporting period during which the messages are to be transmitted by the communication devices, and transmission increments within the reporting period. The controller allocates each transmission increment to a respective group of communication devices. The controller then determines a transmission time for a message from a particular communication device based on the identifier for the particular device, a duration of a transmission increment allocated to a group of communication devices that includes the particular device, and a quantity of communication devices in the particular devices group.

No. of Pages: 56 No. of Claims: 20

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MULTI-LAYER FIRE PROTECTION MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C09K 21/02 :61/261,082 :13/11/2009 :U.S.A. :PCT/US2010/056532 :12/11/2010 :WO 2011/060259 :NA :NA	(71)Name of Applicant: 1)UNIFRAX LLC. Address of Applicant:2351 WHIRLPOOL STREET, NIAGARA FALLS, NEW YORK 14305-2413, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)WIERZBICKI, MICHELE 2)MILLER, KENNETH B. 3)FERNANDO, JOSEPH A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A flexible or rigid multilayer material for fire protection applications. The multilayer fire protection material includes an inorganic fibrous layer and an endothermic layer. The layers of the fire protection material are bonded together to form a single sheet material without the use of auxiliary bonding means.

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

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publi

(43) Publication Date: 06/11/2015

(21) Application No.3738/DELNP/2014 A

(54) Title of the invention: INHALATION DEVICE

(51) International classification	:A61M15/00	(71)Name of Applicant:
(31) Priority Document No	:2011/11671	1)BILGIC Mahmut
(32) Priority Date	:25/11/2011	Address of Applicant : Yildiz Teknik Universitesi Davutpasa
(33) Name of priority country	:Turkey	Kampusu Teknoloji Gelistirme Bolgesi D Blok 34220 Esenler /
(86) International Application No	:PCT/TR2012/000200	Istanbul Turkey
Filing Date	:26/11/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/095311	1)BILGIC Mahmut
 (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 relates to an inhalation device used for inhalation of the medicament in dry powder form from capsules.

No. of Pages: 39 No. of Claims: 18

(21) Application No.3739/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ENHANCED NETWORK PERFORMANCE 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 	:H04W 24/10 :NA :NA :NA :PCT/EP2009/064294 :29/10/2009 :WO 2011/050846 :NA :NA	(71)Name of Applicant: 1)NOKIA SIEMENS NETWORKS OY Address of Applicant: OF KARAPORTTI 3, FI- 02610 ESPOO, FINLAND Finland (72)Name of Inventor: 1)TOSKALA, ANTTI ANTON 2)TOMALA, MALGORZATA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There are disclosed measures for enhancing network performance monitoring. Such measures May for example comprise receiving a report on measurements of terminal-related network performance parameters from a terminal, acquiring information of access network-related network performance parameters, and combining the received terminal-re- ters and the acquired access networkrelated network performance parameters into a combined network performance report

No. of Pages: 53 No. of Claims: 23

(22) Date of filing of Application :09/05/2012

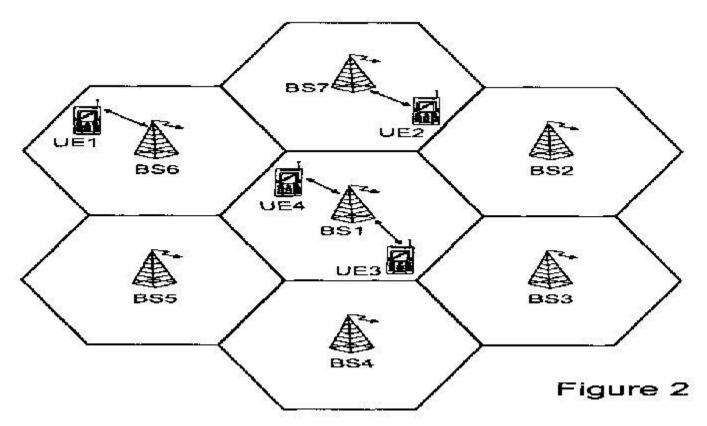
(43) Publication Date: 06/11/2015

(54) Title of the invention: SIGNALING FOR FLEXIBLE CARRIER AGGREGATION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date Section 1.5	61/257,935 04/11/2009 U.S.A.	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)LARSSON, MAGNUS 2)KAZMI, MUHAMMAD 3)BERGLJUNG, CHRISTIAN
Number Filing Date (62) Divisional to Application Number Straight		

(57) Abstract:

Flexible carrier aggregation is provided for a radio communications system. A capability is determined to communicate over a radio interface using multiple radio frequency component carriers. Each of the multiple component carriers is configurable with one or more control channels in a first mode of operation and with no control channels in a second mode of operation. Configuration information for one of the multiple radio frequency component carriers is signaled to indicate at least one of the component carriers is configured to operate in a selected one of the first mode of operation and the second mode of operation so that a network radio node and a user equipment radio node can communicate using the selected mode of operation.



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

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: PRODUCTION AND COMPOSITION OF GLYCEROL BASED POLYOLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12/582,827 :21/10/2009 :U.S.A. :PCT/US2010/050807 :30/09/2010 :WO 2011/049723 :NA :NA	(72)Name of Inventor: 1)LI, XIAOJIN HARRY 2)SHIH, JOANNA L. 3)BODE, HEINRICH E. 4)WANG, JING
- 1	:NA :NA :NA	

(57) Abstract:

The invention provides a method of efficiently producing branched, cyclic glycerol-based polyols with a co-product as anti-biodegrading agent from inexpensive readily available glycerol monomer. The method involves polymerizing glycerol or glycerol with at least another monomer to multiple other monomers in the presence of particular amount of a strong base as the catalyst under a particular distillation environment. The polyol produced by the inventive method is beneficial of reducing scales in Bayer liquid for aluminum production process and improving brightness of coated paper substrates without greening effect.

FIGURE 1

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : SEMICONDUCTOR DEVICE FABRICATION USING A MULTIPLE EXPOSURE AND BLOCK MASK APPROACH TO REDUCE DESIGN RULE VIOLATIONS

(51) International classification (31) Priority Document No	:12/617,429	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES, INC.
(32) Priority Date(33) Name of priority country	:12/11/2009 :U.S.A.	Address of Applicant :ONE AMD PLACE, P.O. BOX 3453, SUNNYVALE, CALIFORNIA 94088 UNITED STATES OF
(86) International Application No	:PCT/US2010/055977	
Filing Date	:09/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/059961	1)SCHULTZ, RICHARD T.
(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 fabricating a semiconductor device (400) begins by forming a layer of hard mask material (408) on a substrate comprising a layer of semiconductor material (402) and a layer of insulating material (404) overlying the layer of semiconductor material (402), such that the layer of hard mask material (408) overlies the layer of insulating material (404). A multiple exposure photolithography procedure is performed to create a combined pattern of photoresist features overlying the layer of hard mask material (408), and a recess line pattern is in the hard mask material, using the combined pattern of photoresist features. The method continues by covering designated sections of the recess line pattern (422) with a blocking pattern of photoresist features (442), and forming a pattern of trenches (452) in the insulating material (404), where the pattern of trenches (452) is defined by the blocking pattern of photoresist features (442) and the hard mask material (408). Thereafter, an electrically conductive material (472) is deposited in the trenches (452), resulting in conductive lines for the semiconductor device.

No. of Pages: 47 No. of Claims: 12

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD OF PREPARING THE SURFACE OF METAL SUBSTRATES FOR ORGANIC PHOTOSENSITIVE DEVICES

(51) International classification	:H01L51/00	(71)Name of Applicant :
(31) Priority Document No	:61/554324	1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN
(32) Priority Date	:01/11/2011	Address of Applicant :1600 Huron Parkway Second Floor Ann
(33) Name of priority country	:U.S.A.	Arbor Michigan 48109 U.S.A.
(86) International Application No	:PCT/US2012/063063	2)INDUSTRY ACADEMIC COOPERATION
Filing Date	:01/11/2012	FOUNDATION DANKOOK UNIVERSITY
(87) International Publication No	:WO 2013/067181	(72)Name of Inventor:
(61) Patent of Addition to Application	.NTA	1)FORREST Stephen R.
Number	:NA	2)TONG Xiaoran
Filing Date	:NA	3)LEE Jun Yeob
(62) Divisional to Application Number	:NA	4)CHO Yong Joo
Filing Date	:NA	T/CITO TOILS GOO
		1

(57) Abstract:

There is disclosed a method for preparing the surface of a metal substrate. The present disclosure also relates to an organic photovoltaic device comprising a metal substrate made by such method. Also disclosed herein is an inverted photosensitive device comprising a reflective electrode (110) comprising stainless steel foil an organic donoracceptor heterojunction (115, 120) over the reflective electrode and a transparent electrode (130) over the donor acceptor heterojunction.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PROPELLING AN ARTICULATED TRACKED 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 	:B60K 17/348 :0950773-2 :20/10/2009 :Sweden :PCT/SE2010/051008 :21/09/2010 :WO 2011/049509 :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS HAGGLUNDS AKTIEBOLAG Address of Applicant: S-891 82 ORNSKOLDSVIK, SWEDEN Sweden (72)Name of Inventor: 1)NORDBERG, BJORN
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for propelling an articulated tracked vehicle (1) provided with at least a front and rear vehicle portion (2, 4), comprising a front drive shaft (6), which rotates a front track (8) on the front vehicle portion (2); a rear drive shaft (10), which rotates a rear track (12) on the rear vehicle portion (4), the front drive shaft (6) being disposed in the front vehicle portion (2) and the rear drive shaft (10) being disposed in the rear vehicle portion (4). At least one motor (20, 34, 36) rotates the respective front and rear drive shaft (6, 10) in order thus to propel the vehicle (1) at a speed in relation to a ground surface (16). The front drive shaft (6) is rotated at a first speed and the rear drive shaft (10) is rotated at a second speed, which first and second speeds are different, so that the front and rear tracks (8, 12) rotate at different speeds.

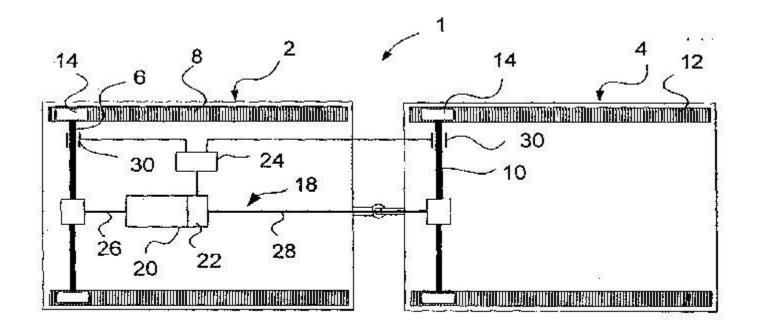


Fig. 2

No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE FOR CONTROLLING A CLUCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16D23/14 :1103156 :14/10/2011 :France :PCT/FR2012/052087 :19/09/2012 :WO 2013/054016	(71)Name of Applicant: 1)RENAULT S.A.S. Address of Applicant:13 15 quai Le Gallo F 92100 Boulogne Billancourt France (72)Name of Inventor: 1)CANINI Claudio
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a device (1) for controlling a clutch which comprises two main members including: a clutch release bearing (30) which is arranged such that it is mounted so as to be translatably movable relative to the housing of said clutch; and a fork (10) which is arranged such that it is mounted so as to be tiltably movable relative to the housing of said clutch and which includes two bearing portions suitable for engaging with two corresponding bearing portions (34) of said clutch release bearing in order to translatably move said bearing due to the tilting of the fork. According to the invention the bearing portions of one of said two main members form grooves and the bearing portions of the other of said two main members form bulges each of which engage with the edges of the corresponding groove via point or linear contacts.

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

(21) Application No.4090/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: REDUCED MASS METFORMIN FORMULATIONS

 (51) 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 9/20 :61/261,049 :13/11/2009 :U.S.A. :PCT/US2010/056525 :12/11/2010 :WO 2011/060255	(71)Name of Applicant: 1)BRISTOL-MYERS SQUIBB COMPANY Address of Applicant:ROUTE 206 & PROVINCE LINE ROAD, PRINCETON, NEW JERSEY 08543-4000, U.S.A. U.S.A. 2)ASTRAZENECA UK LIMITED (72)Name of Inventor:
. ,		
<u>e</u>	:12/11/2010	
(87) International Publication No	:WO 2011/060255	(72)Name of Inventor:
(61) Patent of Addition to Application	NT A	1)PATEL JATIN M.
Number	:NA	2)ABEBE ADMASSU
Filing Date	:NA	3)TIMMINS PETER
(62) Divisional to Application Number	:NA	4)MARTIN KYLE
· · ·		THE TAXABLE PARTIES AND ADDRESS OF THE PARTIES A
Filing Date	:NA	

(57) Abstract:

The present invention relates to metformin extended release (XR) formulations with improved compactability to provide reduced mass tablets, granulations, and capsules.

No. of Pages: 19 No. of Claims: 13

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BILAYER TABLET FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:A61K 9/20 :61/261,087 :13/11/2009 :U.S.A. :PCT/US2010/056529 :12/11/2010 :WO 2011/060256 :NA :NA	(72)Name of Inventor: 1)ABEBE ADMASSU 2)MARTIN KYLE 3)PATEL JATIN M.
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA	2)MARTIN KYLE
Filing Date	:NA	

(57) Abstract:

The present invention relates to bilayer tablet formulations comprising metformin extended release (XR) or reduced mass metformin XR formulation as the first layer, an SGLT2 inhibitor formulation as the second layer, and optionally a film coating. The present invention provides methods of preparing the bilayer tablet formulations and methods of treating diseases or disorders associated with SGLT2 activity employing the bilayer tablet formulations.

No. of Pages: 78 No. of Claims: 44

(21) Application No.3756/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BIT, IN PARTICULAR A ROUND SHAFT BIT

(51) International classification	:E21C 35/197	(71)Name of Applicant:
(31) Priority Document No	:10 2009 049 780.3	1)BETEK GMBH & CO. KG
(32) Priority Date	:19/10/2009	Address of Applicant :SULGENER STR. 21-23, 78733
(33) Name of priority country	:Germany	AICHHALDEN, GERMANY Germany
(86) International Application No	:PCT/EP2010/065446	(72)Name of Inventor:
Filing Date	:14/10/2010	1)THOMAS LEHNERT
(87) International Publication No	:WO 2011/048006	2)HEIKO FRIEDERICHS
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NI A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a bit, in particular a round shank bit, having a bit head and a bit shank, a mounting sleeve being held in the region of the bit shank, and a support element that comprises a guidance region being associated with the bit. To allow the bit to be easily deinstalled from the bit receptacle and allow it, if applicable, to be easily installed again, provision is made according to the present invention that the support element comprises, in the region of its underside facing away from the bit head, a deflection segment.

No. of Pages: 18 No. of Claims: 14

(21) Application No.3757/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PESTICIDAL HETEROCYCLIC COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 263/12 :2009-250744 :30/10/2009 :Japan :PCT/EP2010/066480 :29/10/2010 :WO 2011/051455 :NA :NA	(71)Name of Applicant: 1)BAYER CROPSCIENCE AG Address of Applicant: ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)TETSUYA MURATA 2)MAMORU HATAZAWA 3)PETER BRUCHNER 4)EIICHI SHIMOJO 5)TERUYUKI ICHIHARA 6)MASASHI ATAKA 7)ULRICH GORGENS 8)JUN MIHARA
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(57) Abstract:

The present invention relates to novel pesticidal azolidine derivatives as well as to oxazolidinone derivatives and their use as pesticides for combating animal parasites which occur in the agrochemical field and in the field of veterinary medicine, respectively. wherein X, m, R, Q, G, U, 1, A1 to A4 and R are as defined herein.

No. of Pages: 103 No. of Claims: 16

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MOUNTING PHOTOVOLTAIC MODULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E04D13/18 :13/273525 :14/10/2011 :U.S.A. :PCT/US2012/060032 :12/10/2012 :WO 2013/056101 :NA :NA :NA	(71)Name of Applicant: 1)ECOLIBRIUM SOLAR LLC Address of Applicant: 340 W. State Street Unit 22 Athens OH 45701 U.S.A. (72)Name of Inventor: 1)WILDES Brian
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(57) Abstract:

A photovoltaic system includes a plurality of rectangular shaped photovoltaic modules and a plurality of separate and spaced apart support members supporting and orienting the photovoltaic modules in an array on the support surface without penetrating the support surface. The support members are formed of plastic and each of the photovoltaic modules is supported by at least four of the support members. Each of the support members is secured to and supports at least one of the photovoltaic modules but is not directly secured to any of the other support members. Thus the support modules can be utilized to support a wide variety of different sizes of photovoltaic modules. A wind shield is located at the rearward most support members. The wind shield is spaced a distance from the rearward photovoltaic modules and shaped to deflect wind up and over the array of photovoltaic modules.

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

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SURGICAL NEEDLE COATINGS AND METHODS

(51) International classification	:A61M 5/32	(71)Name of Applicant:
(31) Priority Document No	:12/614,665	1)ETHICON, INC.
(32) Priority Date	:09/11/2009	Address of Applicant :U.S. ROUTE 22, SOMERVILLE, NJ
(33) Name of priority country	:U.S.A.	08876, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/053541	(72)Name of Inventor:
Filing Date	:21/10/2010	1)ROBERT MAURER
(87) International Publication No	:WO 2011/056449	2)S. NEIL BAR
(61) Patent of Addition to Application	:NA	3)ERIC HINRICHS
Number		4)MICHAEL HAMILTON
Filing Date	:NA	5)THOMAS WILKES
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides improved medical devices for use in surgical procedures and methods for manufacturing improved medical devices. In some embodiments, the improved medical devices can include improved surgical needles that are capable of being repeatedly passed through tissue using minimal force. More particularly, the improved surgical needles can be manufactured with two or more different coatings that provide the surgical needles with both durability and lubricity for ease of repeated and successive passes through tissue. Improved methods for manufacturing the surgical needles and for providing and applying coatings to the surgical needles are also provided.

No. of Pages: 45 No. of Claims: 19

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : DEVICE WITH CO-MOLDED CLOSURE, ONE-WAY VALVE AND VARIABLE-VOLUME STORAGE CHAMBER, AND RELATED 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 	:B65D 47/04 :61/250,363 :09/10/2009 :U.S.A. :PCT/US2010/052102 :08/10/2010 :WO 2011/044531 :NA :NA	(71)Name of Applicant: 1)DANIEL PY Address of Applicant: 1 HELENA AVENUE, LARCHMONT, NY 10538, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)DANIEL PY
· ·		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device includes a first part having a co-molded first support, valve cover and elastic actuator, and a second part having an injection molded second support, valve seat, and variable-volume storage chamber pre-form. The pre-form is blow molded into a flexible pouch defining the variable-volume storage chamber. The one-way valve includes a semi-annular, curvilinear, relatively rigid valve seat defining axially-extending, opposing first marginal portions, and an axially-extending first mid-portion angularly extending between the opposing first marginal portions. A flexible valve member is superimposed on the valve seat and defines axially-extending, opposing second marginal portions fixedly secured on or adjacent to respective first marginal portions of the valve seat, and an axially-extending second mid-portion angularly extending between the opposing first marginal portions and superimposed onto the first mid-portion of the valve seat. The flexible valve cover and valve seat form a normally closed axially and angularly extending valve seam therebetween.

No. of Pages: 51 No. of Claims: 70

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: A HERBAL COMPOSITION FOR THE TREATMENT OF A PERSON INFECTED WITH HIV

(31) Priority Document No :PCT/IB2009/054320 (32) Priority Date :02/10/2009 (33) Name of priority country :PCT	(71)Name of Applicant: 1)ALZANDANI, ABDUL-MAJEED, BIN, AZIZ Address of Applicant: AL-EMAN UNIVERSITY, SANA'A, YEMEN Yaman (72)Name of Inventor: 1)ALZANDANI, ABDUL-MAJEED, BIN, AZIZ
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(57) Abstract:

The invention provides the a herbal composition and medicament comprising the composition for the treatment of a subject infected with HIV, wherein the composition comprises an extract of the plant Aucklandia-(Costus Root). In one embodiment, the present invention relates to a method of preparation of the herbal composition. In another embodiment, the present invention relates to aqueous dosage form and solid dosage form of the herbal composition.

No. of Pages: 51 No. of Claims: 31

(21) Application No.4094/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: IMMEDIATE RELEASE TABLET FORMULATIONS

(57) Abstract:

The present invention provides an immediate release pharmaceutical formulation which includes a tablet or capsule formulation comprising metformin and the sodium dependent glucose transporter (SGLT2) inhibitor dapagliflozin or its propylene glycol hydrate. The present invention also provides methods of preparing the formulations and methods of treating diseases or disorders associated with SGLT2 activity employing these formulations.

No. of Pages: 73 No. of Claims: 47

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: COMPOSITIONS, METHOD, AND KIT FOR ALPHA-1 PROTEINASE INHIBITOR'

(51) International classification	:A61K 38/17	(71)Name of Applicant:
(31) Priority Document No	:61/257,711	1)GRIFOLS THERAPEUTICS INC.
(32) Priority Date	:03/11/2009	Address of Applicant :4101 RESEARCH, COMMONS, 79,
(33) Name of priority country	:U.S.A.	T.W. ALEXANDER DRIVE, RESEARCH TRIANGLE PARK,
(86) International Application No	:PCT/US2010/055135	NORTH CAROLINA 27709, U.S.A. U.S.A.
Filing Date	:02/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/056793	1)GUO JIANXIN
(61) Patent of Addition to Application	:NA	2)KLOS ANTHONY
Number	:NA	3)COLDREN BRET
Filing Date	.11/1	4)BARNETTE DEBORAH
(62) Divisional to Application Number	:NA	5)MANNING MARK
Filing Date	:NA	

(57) Abstract:

The present invention provides compositions comprising API and at least one amino acid, in particular a liquid API formulation comprising amino acids, and methods and kits related thereto. These amino acids when incorporated into the API composition afford stability to the API formulation.

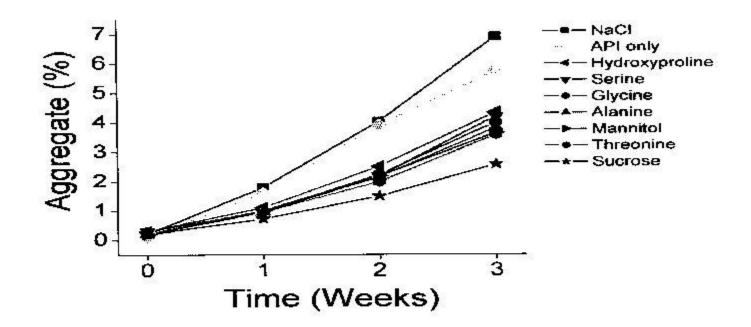


FIG. 1

No. of Pages: 65 No. of Claims: 20

(21) Application No.4096/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

$(54) \ Title \ of \ the \ invention: ORAL \ COMPOSITIONS \ CONTAINING \ EXTRACTS \ OF \ MYRISTICA \ FRAGANS \ AMD \ RELATED \ METHODS$

 (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 	:A61Q 11/00 :61/266,570 :04/12/2009 :U.S.A. :PCT/US2010/058466 :01/12/2010 :WO 2011/068813 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant:300 PARK AVENUE, NEW YORK, NEW YORK 10022, U.S.A. U.S.A. (72)Name of Inventor: 1)TRIVEDI HARSH MAHENDRA 2)GITTINS ELIZABETH KELLY
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(57) Abstract:

Described herein are compositions comprising a combination of extracts, and methods of preparing and using the same.

No. of Pages: 36 No. of Claims: 8

(22) Date of filing of Application :09/05/2012 (43) P

(43) Publication Date: 06/11/2015

(54) Title of the invention: ORAL CARE SYSTEM

(51) International classification	:A46B 11/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/US2009/069402	1)COLGATE-PALMOLIVE COMPANY
(32) Priority Date	:23/12/2009	Address of Applicant :300 PARK AVENUE, NEW YORK,
(33) Name of priority country	:PCT	NY 10022, USA U.S.A.
(86) International Application No	:PCT/US2010/060867	(72)Name of Inventor:
Filing Date	:16/12/2010	1)JIMENEZ EDUARDO
(87) International Publication No	:WO 2011/079027	2)KENNEDY SHARON
(61) Patent of Addition to Application	:NA	3)MOSKOVICH ROBERT
Number	:NA	4)GATZEMEYER JOHN
Filing Date	INA	5)BERGE GARY LEE
(62) Divisional to Application Number	:NA	6)CHOPRA SUMAN KUMAR
Filing Date	:NA	

(57) Abstract:

An oral care system and method for applying a fluid to an oral surface, including a method of manufacturing the same. In one embodiment, the invention can be an oral care system comprising: a toothbrush; and a dispenser detachably coupled to the toothbrush, the dispenser comprising: an internal reservoir containing a fluid; and a conduit in fluid communication with the reservoir and terminating in an orifice for dispensing the fluid; and a plug having a proximal plug portion disposed within the conduit and a distal plug portion disposed within a socket of the toothbrush.

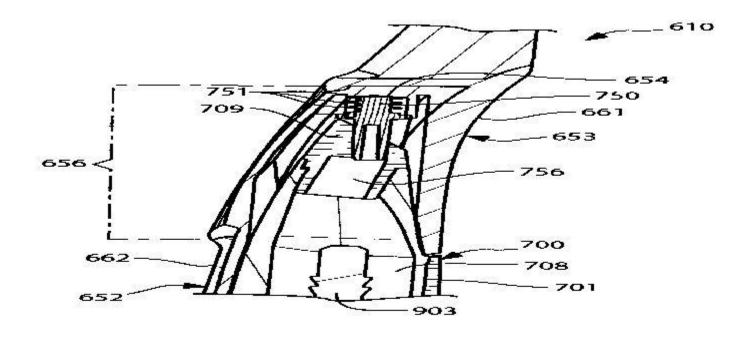


FIG. 29

No. of Pages: 91 No. of Claims: 29

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REDUCING CART ALARMS AND INCREASING SENSITIVITY IN AN EAS SYSTEM WITH METAL SHIELDING DETECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/10/2010 :WO 2011/059469 :NA :NA :NA	(71)Name of Applicant: 1)SENSORMATIC ELECTRONICS, LLC. Address of Applicant:6600 CONGRESS AVENUE, BOCA RATON, FLORIDA 33487 U.S.A. U.S.A. (72)Name of Inventor: 1)BERGMAN ADAM S.
Filing Date	:NA	

(57) Abstract:

A system for detecting electronic article surveillance (EAS) marker shielding includes an EAS subsystem, a metal detector, a cart detection subsystem and a processor. The EAS subsystem is operable to detect an EAS marker in an interrogation zone. The metal detector is operable to detect a metal object in the interrogation zone. The cart detection subsystem includes a sensor array. The cart detection subsystem is operable to differentiate between a wheeled device and a human passing through the interrogation zone based on the sensor array. The processor is electrically coupled to the EAS subsystem, the metal detector and the cart detection subsystem. The processor is programmed to receive information outputted from the cart detection system and information outputted from the metal detector to determine whether to generate an alarm signal based on the presence of EAS marker shielding.

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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR BINDING BEHAVIOUR ANALYSIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N 21/55 :0950914-2 :30/11/2009 :Sweden :PCT/SE2010/051311 :29/11/2010 :WO 2011/065913 :NA :NA :NA	(71)Name of Applicant: 1)GE HEALTHCARE BIO-SCIENCES AB Address of Applicant:PATENT DEPARTMENT, BJORKGATAN 30, S-751 84 UPPSALA, SWEDEN Sweden (72)Name of Inventor: 1)OLOF KARLSSON
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(57) Abstract:

A method of evaluating an interaction parameter for the interaction between a plurality of analytes and a ligand using a biosensor, which comprises the steps of: A: providing a sensor surface having the ligand immobilized thereto, B: contacting the sensor surface with the plurality of analytes, C: registering a sensor response curve for each one of the plurality of analytes, D: extracting interaction parameters from each sensor response curve, E: evaluating each sensor response curve according to one or more binding behavior criteria, F: displaying the interaction parameters in a diagram, wherein interaction parameters relating to response curves meeting a binding behavior criteria are graphically distinguishable from interaction parameters relating to response curves meeting another or no binding behavior criteria.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: TRANSVERSE JUNCTION COMPRISING TWO FACING TRANSVERSE ENDS OF TWO SUCCESSIVE PREFABRICATED CARRIAGEWAY ELEMENTS, AND CONNECTING SYSTEM THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)LOHR INDUSTRIE Address of Applicant:29 RUE DU 14 JUILLET, 67980 HANGENBIETEN, FRANCE France (72)Name of Inventor:
	:09/04710	7
(32) Priority Date	:02/10/2009	Address of Applicant :29 RUE DU 14 JUILLET, 67980
(33) Name of priority country	:France	HANGENBIETEN, FRANCE France
(86) International Application No	:PCT/FR2010/000656	(72)Name of Inventor:
Filing Date	:01/10/2010	1)MARTIN KLOTZ
(87) International Publication No	:WO 2011/039436	2)JEAN-LUC ANDRE
(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 junction between two successive flat pre-fabricated elements, comprising an elastic transverse insert (9), approaching means (10) in the form of tie beams (23) and tensioning means (19). The flat pre-fabricated elements (2) to be assembled each have a transverse channel (3) adapted in such a way as to receive the insert on the end transverse edges (4, 5) thereof which must face each other after assembly on the ground, and conduits (7) for the tie beams. Each pre-fabricated element is arranged one after the other and the transverse insert is introduced into the transverse housing (6) formed by transverse channels facing each other. The tie beams are introduced into the conduits, the ends thereof projecting outside the pre-fabricated elements. The tie beams are then tensioned by tensioning means at each of the ends thereof in order to immobilise the flat pre-fabricated elements thereby connected by the tie beams.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HETEROARYLPIPERIDINE AND-PIPERAZINE DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 417/04 :09174614.9 :30/10/2009 :EUROPEAN UNION :PCT/EP2010/066098 :26/10/2010 :WO 2011/051244 :NA :NA	(71)Name of Applicant: 1)BAYER CROPSCIENCE AG Address of Applicant: ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)PIERRE CHRISTAU 2)NICOLA RAHN 3)TOMOKI TSUCHIYA 4)JOACHIM KLUTH 5)PIERRE WASNAIRE 6)SEBASTIAN HOFFMANN 7)JURGEN BENTING 8)ULRIKE WACHENDORFF-NEUMANN 9)THOMAS SEITZ
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(57) Abstract:

Heteroarylpiperidine and -piperazine derivatives of the formula (I), in which the symbols have the meanings given in the description and agrochemically active salts thereof and their use for controlling phytopathogenic harmful fungi and also processes for preparing compounds of the formula (I).

No. of Pages: 163 No. of Claims: 6

(21) Application No.4108/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR MANUFACTURING ACROLEIN AND/OR ACRYLIC ACID FROM GLYCEROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/12/2010 :WO 2011/073552 :NA :NA	(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant:420, RUE D'ESTIENNE D'ORVES, F- 92700 COLOMBES, FRANCE France (72)Name of Inventor: 1)JEAN-FRANCOIS DEVAUX 2)ANDRE LOZOWSKI 3)NABIL TLILI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the manufacture of bioresourced acrolein and bioresourced acrylic acid from glycerol as starting material and more particularly comes within the scope of a process for the manufacture of acrolein and acrylic acid according to which the reaction for the dehydration of glycerol to give acrolein is carried out and the organic compounds which are heavier than water liable to be present in the various streams of the process are removed, so as to obtain a stream which can be recycled to the dehydration stage without accumulation of heavy impurities, while minimizing the consumption of water and the discharge of polluted aqueous streams.

No. of Pages: 37 No. of Claims: 12

(21) Application No.4109/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: IMPLANTS AND METHODS FOR MANUFACTURING 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 	:07/10/2010 :WO 2011/046806 :NA :NA :NA	(71)Name of Applicant: 1)ALLERGAN INC. Address of Applicant: 2525 DUPONT DRIVE IRVINE, CA 92612, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ALEXEI GORALTCHOUK 2)DENNIS E. VAN EPPS 3)THOMAS E. POWELL
Filing Date	:NA :NA	

(57) Abstract:

Implantable prosthesis, components of prosthesis, and methods of making same are provided. The methods generally include the steps of providing an implant shell, applying a curable fluid composition to the shell to form a coating thereon and applying a particulate component to the composition. The composition is a mixture, for example, an emulsion, containing a silicone-based elastomer dispersion and droplets of a suspended leachable agent. After the elastomer is stabilized and cured, the particulate component and leachable agent are removed, resulting in an implantable member having a porous, open-cell surface texture designed to be effective in reducing incidence of capsular formation or contraction.

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

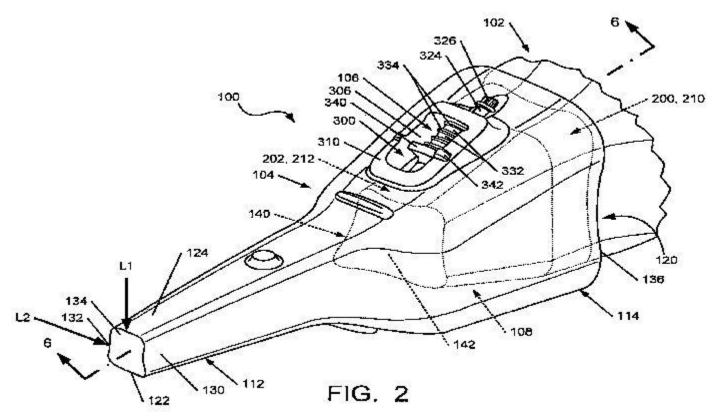
(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: WEAR ASSEMBLY FOR EXCAVATING EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:E02F 9/28 :61/256,561 :30/10/2009 :U.S.A. :PCT/US2010/054218 :27/10/2010 :WO 2011/053624	(71)Name of Applicant: 1)ESCO CORPORATION Address of Applicant: 2141 NW 25TH AVENUE, PORTLAND, OREGON 97210-2578, USA U.S.A. (72)Name of Inventor: 1)SNYDER CHRISTOPHER D.
* · · ·		
•		2)61,122,221 0111116 1 01 11211 2 1
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Wear members for use in excavating include a socket having a front stabilizing end that includes a top surface, a bottom surface and side surfaces. At least one of these surfaces is formed with a transverse, inward projection and extends axially substantially parallel to the longitudinal axis of the socket. The socket may include surfaces that generally correspond to exterior surfaces of a nose on which it may be mounted and on which it may be connected to excavating equipment.



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

(21) Application No.3769/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: A LOW NOISE AMPLIFIER CIRCUIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H03F1/26 :11306330.9 :13/10/2011 :EPO :PCT/EP2012/069821 :08/10/2012	 (71)Name of Applicant: 1)ST ERICSSON SA Address of Applicant: Chemin du Champ des Filles 39 CH 1228 Plan les Ouates Switzerland (72)Name of Inventor: 1)RIVOIRARD Frdric
Filing Date	:08/10/2012	` '
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/053661 :NA	
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The low noise amplifier circuit exhibits reduced noise.

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

(21) Application No.4116/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 10/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: LOADS MANAGEMENT AND OUTAGES DETECTION FOR SMART GRID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G08B 23/00 :201360 :11/10/2009 :Israel :PCT/IL2010/000819 :10/10/2010 :WO 2011/042906 :NA :NA :NA	(71)Name of Applicant: 1)MOSHE HENIG Address of Applicant:2/4 HAIM BAJIO STREET, 93145 JERUSALEM, ISRAEL. Israel 2)DOV YEGER (72)Name of Inventor: 1)MOSHE HENIG 2)DOV YEGER
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(57) Abstract:

A system for managing loads and detecting outages over electric power lines that comprises wireless temperature sensors which are attached to bare conductors of the electric power line(s), at line junctions or lines splitting points, for sensing temperatures generated by the currents flow in the conductors. The system also includes a Current Measurement Units (CMU) for wirelessly reading the temperature sensed by the sensors, to allow cheap, rapid and easy RMS currents measurements on power lines at any voltage levels, by using temperature into current conversion formulas and tables.

No. of Pages: 40 No. of Claims: 30

(21) Application No.4117/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : ASSESSMENT OF TOPOGRAPHIC SEMI-MERIDIAN PARAMETERS FOR CORNEAL ASTIGMATISM ANALYSIS AND VECTOR PLANNING TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/11/2010 :WO 2011/060324 :NA :NA	(71)Name of Applicant: 1)ALPINS, DR. NOEL AMI Address of Applicant: 7 CHESTERVILLE ROAD, CHELTENHAM, VICTORIA 3192, AUSTRALIA. Australia (72)Name of Inventor: 1)ALPINS, DR. NOEL AMI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Techniques are disclosed in which a topographic parameter is determined in each semi-meridian of the eye by considering the topography in each of three concentric zones from the central axis at 3mm, 5mm, and 7mm and assigning weighting factors for each zone, By selectively treating the weighted values in the three zones, parameters of magnitude and meridian can be obtained for each semi-meridian. From these parameters, a single topographic value for the entire eye (CorT) can be found as well as a value representing topographic disparity (TD) between the two semi-meridians. The topography values for the semi-meridians are used in a vector planning system to obtain treatment parameters in a single step operation.

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

(21) Application No.4118/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: TOOL GUIDE DEVICE FOR A DRILL FLOOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/10/2010 :WO 2011/049467 :NA :NA	(71)Name of Applicant: 1)WEST DRILLING PRODUCTS AS Address of Applicant: POSTBOKS 374, N-4067 STAVANGER, NORWAY. Norway (72)Name of Inventor: 1)VESHOVDE, JARLE 2)KALVATN, OVE 3)KROHN, HELGE 4)GRINDR D, MADS 5)SKJ†RSETH, ODD, B.
(62) Divisional to Application Number Filing Date	:NA :NA	SJSKJ (KSETH, ODD, B.

(57) Abstract:

There is described a device for vertical tool guiding for a drill floor (1), where there on the drill floor (1) is arranged at least one rig (2a, 2b, 2c), as the each rig (2a, 2b, 2c) is arranged on a rig foundation (21) supported on the drill floor (1) rotatably about a first, vertical axis (A) and arranged to be able to displace a tool (24a, 24b, 24c) in a horizontal working sector (Sa, Sb, Sc) that in a vertical projection at least touches or cuts through the central axis (C) in a through drill floor opening (11), each rig (2a, 2b, 2c) being provided with a vertical guide track (22).

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

(21) Application No.4119/DELNP/2012 A

(19) INDIA

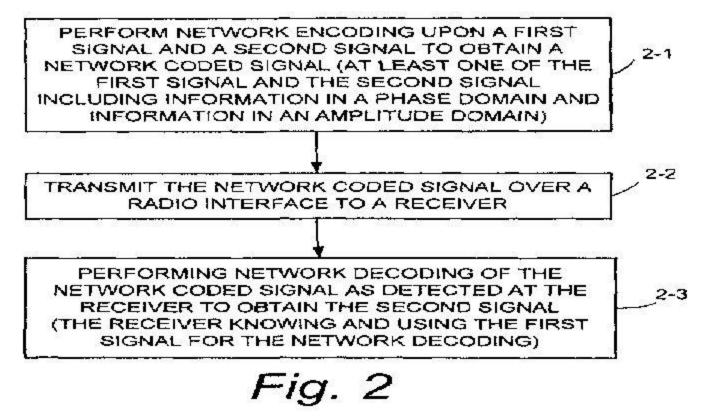
(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MULTI-DOMAIN NETWORK CODING

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:61/259,424	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:02/09/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE).
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2010/055043	(72)Name of Inventor:
Filing Date	:05/11/2010	1)MANSSOUR, JAWAD
(87) International Publication No	:WO 2011/055342	
(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 communications network (20) comprises a network coding node (24) and a network decoding node (26). A method of operating a communications network (20) comprises, at the network coding node (24), performing multi-domain network coding based on multiplication of data symbols upon a first signal and a second signal to obtain a network coded signal. The first signal is modulated by a first modulation scheme and the second signal is modulated by a second modulation scheme. At least one of the first signal and the second signal includes information in a phase domain and information in an amplitude domain. The method further comprises transmitting the network coded signal over a link to a receiver (26) and performing multi-domain network decoding of the network coded signal as detected at the receiver (26) to obtain the second signal, the receiver knowing and using the first signal for the multi-domain network decoding.



No. of Pages: 59 No. of Claims: 21

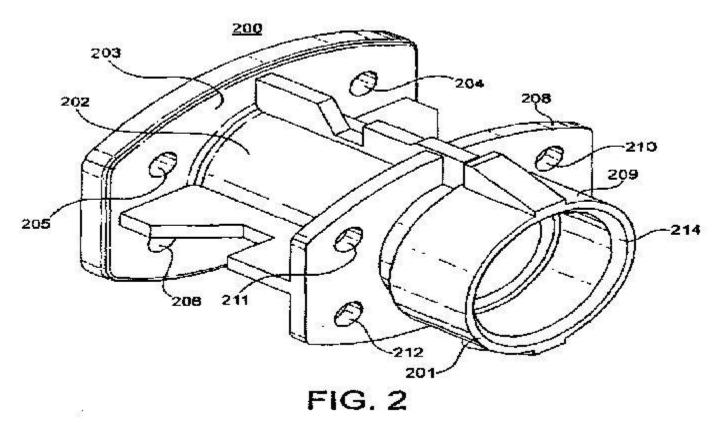
(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AIRFLOW ADAPTOR FOR A BREATH-ACTUATED DRY POWDER INHALER

(51) International classification	:A61M 15/00	(71)Name of Applicant:
(31) Priority Document No	:0919465.5	1)NORTON HEALTHCARE LIMITED
(32) Priority Date	:06/11/2009	Address of Applicant :REGENT HOUSE 5-7 BROADHURST
(33) Name of priority country	:U.S.A.	GARDENS SWISS COTTAGE, LONDON NW6 3RZ UNITED
(86) International Application No	:PCT/EP2010/006744	KINGDOM U.K.
Filing Date	:05/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/054527	1)BLAIR, JULIAN ALEXANDER
(61) Patent of Addition to Application	:NA	2)BUCK, DANIEL
Number	:NA	3)HAZENBERG, JAN GEERT
Filing Date	·IVA	4)ZENG, XIAN-MING
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An airflow adaptor (200) for a breath-actuated dry powder inhaler. The airflow adaptor comprises a conduit (202) having a proximal end (201) and a distal end, wherein the proximal end allows fluid communication from a deagglomerator outlet port to the distal end of the conduit, and wherein the airflow adaptor further comprises means (204, 205, 206, 210, 211, 212) for allowing air to flow from a proximal end of the adaptor to a distal end of the adaptor independently of the airflow in the conduit when a breath induced low pressure is applied to the distal end of the airflow adaptor.



No. of Pages: 35 No. of Claims: 20

(21) Application No.3765/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ENGINEERED ANTI-TSLP ANTIBODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12P 21/08 :61/258,051 :04/11/2009 :U.S.A. :PCT/US2010/055062 :02/11/2010 :WO 2011/056772 :NA :NA	(71)Name of Applicant: 1)SCHERING CORPORATION Address of Applicant: 2000 GALLOPING HILL ROAD, KENILWORTH, NEW JERSEY 07033, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)PRESTA, LEONARD, G.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to binding compounds that specifically bind to human TSLP, as well as uses thereof, e.g., in the treatment of inflammatory disorders and allergic inflammatory response.

Sequence	9	20	OVELVOSSAEVKKPGASVKVSCKASGYTFTDYAN-NVROAPGDGLENNGTFTPLLDTSDY
Sequence	2		QVOLVQSGAEVKKPGASVKVSCKASGY I FTO YAM-NVRQAPGQGLENMGTF I PILL DTSOY
187			**************************************
Sequence	5	80	ACKEGGRYTHTADTSTSTAYHELRSLRSDDTAVYYCARMGVTHSYVMOAWGQGTLVTVSS
Sequence	2	61	NOMEKGRYTHTTOTSTSTAYMEL RSI RSDDTAVYYCARMGVTHSYVPDAMGOGTLVTVSS
Sequence	1	140	ASTKOPSYFPLAPSSKSTSGGTAALGELVKDYFPEPVTVSWNSGALTSGYHTTPAVLQSS
Sequence	5	1.21	ASTKGPSYFPLAPSSKSTSGGTAALGCLVKDYFPEPYTVSWNSGALTSGVHTFPAVLQSS
Sequence	1	200	CLYSUSSYVTYPSSSLGTQTY1CNVNHKPSN (KVDKKVEPKSCDKTHTCPPCPAPELLGG
Sectionce	2	181	GLYSI.SSVVI VPSSSLGTQTVICRVNHKPSHTKVDKKVEPKSCDKTHTCPPCPAPELLGG
Sequence	1	260	PSVFLEPPKPKOTEM I SRTPEY TOVVVDVSHEDPEVKENWYVDGVEVHNAKTKPREEQYN
Sequence	2	241	PSVFCFPPKPKD1LMISRTPEV1CVVVDVSHEDPEVKFNWYVDGVEVHNAKIKPREEQYN
Sequence	1	320	STYRWYSYLTYLHOOMLNGKCYKCKYSNKALPAPTEKTISKAKGQPRFPQVYTLPPSRDF
Sequence	2	301	STYRVYSVLTVLHODALNGKEYKCKYSHKALPAPIEKTISKAKGQPREPDYYTLPPSRDE
Seallence	1		LIKNOVSLITCLYKGTYPSOLAVENESNGOPENNYKTTPPVLDSDGSFFLYSKLTVDKSRM
Sequence	2	361	LTKNOVSLTCLYKGFYPSDIAVENESNOOPENRYKTTPPVLDSDGSFFLYSKLTVDKSRA
Sequence	1	440	QOGINYESCSVMHEAL HNHYTOKSESESPGK
Sequence	5	42.1	QQGNVFSCSVMIEALHNHYTQKSLSLSPQK

FIG.1

No. of Pages: 68 No. of Claims: 37

(21) Application No.3766/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: GENERATION OF HAPLOID PLANTS AND IMPROVED PLANT BREEDING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N 15/82 :61/248,996 :06/10/2009 :U.S.A. :PCT/US2010/051483 :05/10/2010 :WO 2011/044132 :NA :NA :NA	(71)Name of Applicant: 1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Address of Applicant:1111 FRANKLIN STREET, 12TH FLOOR, OAKLAND, CALIFORNIA 94607, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CHAN, SIMON 2)MARUTHACHALAM, RAVI
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(57) Abstract:

Methods and compositions for generating haploid organisms are described.

No. of Pages: 104 No. of Claims: 33

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR WORKITEM SYNCHRONIZATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No		(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: One Amd Place Sunnyvale CA 94088 U.S.A. (72)Name of Inventor:
Filing Date	:31/10/2012	1)HOWES Lee W.
(87) International Publication No	:WO 2013/066988	2)GASTER Benedict R.
(61) Patent of Addition to Application Number	:NA	3)HOUSTON Michael C.
Filing Date	:NA	4)MANTOR Michael 5)LEATHER Mark
(62) Divisional to Application Number	:NA	6)RUBIN Norman
Filing Date	:NA	7)EMBERLING Brian D.

(57) Abstract:

Method system and computer program product embodiments for synchronizing workitem s on one or more processors are disclosed. The embodiments include executing a barrier skip instruction by a first workitem from the group and responsive to the executed banier skip instruction reconfiguring a barrier to synchronize other workitems from the group in a plurality of points in a sequence without requiring the first workitem to reach the barrier in any of the plurality of points.

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

(21) Application No.3767/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: VELOCITY PROGRESSIVE VALVING

(51) International classification	:F16F 9/34	(71)Name of Applicant :
(31) Priority Document No	:12/620,618	1)TENNECO AUTOMOTIVE OPERATING COMPANY
(32) Priority Date	:18/11/2009	INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :500 NORTH FIELD DRIVE LAKE
(86) International Application No	:PCT/US2010/056838	FOREST, ILLINOIS 60045 UNITED STATES OF AMERICA
Filing Date	:16/11/2010	U.S.A.
(87) International Publication No	:WO 2011/062899	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)VANBRABANT, RONNY
Number	:NA	2)DIELS, BERT
Filing Date	.IVA	3)TUTS, JEAN-MARIE
(62) Divisional to Application Number	:NA	4)BAILLY, VINCENT
Filing Date	:NA	5)SIX, KRISTOFF

(57) Abstract:

A shock absorber has a valve assembly having a valve that is biased away from a valve body. A controlled restriction is defined between the valve and the valve body. During stroking of the piston of the shock absorber, the valve moves toward the valve body to close the restriction. The valve assembly can be used in the piston assembly, the base valve assembly or both.

No. of Pages: 39 No. of Claims: 24

(22) Date of filing of Application :08/05/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR COEFFICIENT SCAN BASED ON PARTITION MODE OF PREDICTION UNIT

(51) International classification	:H04N19/105	(71)Name of Applicant :
(31) Priority Document No	:10-2011-0116126	1)KT CORPORATION
(32) Priority Date	:08/11/2011	Address of Applicant :90 Buljeong ro Bundang gu Seongnam
(33) Name of priority country	:Republic of Korea	city Gyeonggi do 463 711 Republic of Korea
(86) International Application No	:PCT/KR2012/009373	(72)Name of Inventor:
Filing Date	:08/11/2012	1)LEE Bae Keun
(87) International Publication No	:WO 2013/069975	2)KWON Jae Cheol
(61) Patent of Addition to Application	NTA	3)KIM Joo Young
Number	:NA	,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
757 Al	.11/1	

(57) Abstract:

Provided are a method and an apparatus for coefficient scan on the base of a partition mode of a prediction unit. The method comprises the steps of: determining a scan method on the basis of a partition mode of a prediction unit; and encoding the information about the scan method wherein the scan method is determined on the basis of RDO (Rate Distortion Optimization) from among the extracted candidate scan methods which have been extracted with consideration of the shapes of the partitions of the partition mode.

No. of Pages: 54 No. of Claims: 20

(22) Date of filing of Application :10/05/2012

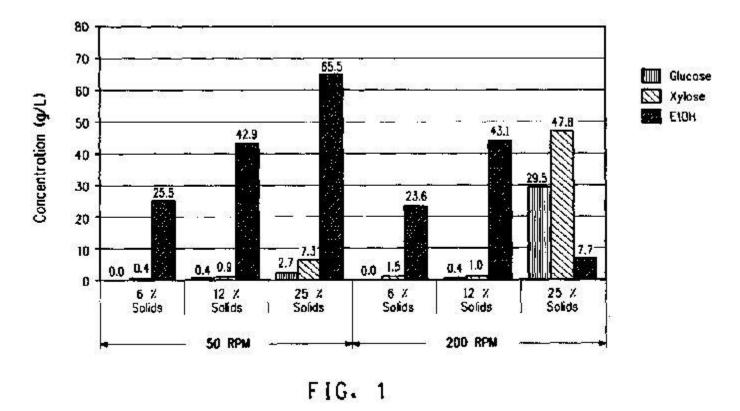
(43) Publication Date: 06/11/2015

(54) Title of the invention : PROCESS FOR SIMULTANEOUS SACCHARIFICATION AND FERMENTATION FOR PRODUCTION OF ETHANOL

(51) International classification	:C12P 7/06	(71)Name of Applicant:
(31) Priority Document No	:61/289,749	1)E. I. DU PONT DE NEMOURS AND COMPANY
(32) Priority Date	:23/12/2009	Address of Applicant :1007 MARKET STREET,
(33) Name of priority country	:U.S.A.	WILMINGTON DELAWARE 19898, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/061692	(72)Name of Inventor:
Filing Date	:22/12/2010	1)HITZ, WILLIAM, D.
(87) International Publication No	:WO 2011/079158	2)HUANG, TOM
(61) Patent of Addition to Application	:NA	3)IVERSON, AMANDA, KATHLEEN
Number		4)LEFEBVRE, BRAIN, G.
Filing Date	:NA	5)MITCHINSON, COLIN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		·

(57) Abstract:

Methods are disclosed for the production of high concentrations of ethanol from biomass using Zymomonas as the ethanologen. Zymomonas is grown under conditions of low impeller agitation with high concentration of insoluble solids in a saccharification-fermentation mixture during a simultaneous saccharification and fermentation reaction for the production of high concentrations of ethanol.



No. of Pages: 71 No. of Claims: 22

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : CATALYST AND PROCESS FOR PREPARING ACROLEIN AND/OR ACRYLIC ACID BY DEHYDRATION REACTION OF GLYCERIN

(51) International classification :B01J 23/30

(31) Priority Document No :PCT/JP2009/067115 (32) Priority Date :18/09/2009

(33) Name of priority country :PCT

(86) International Application No :PCT/JP2009/067115
Filing Date :18/09/2009

(87) International Publication No :WO 2011

(61) Patent of Addition to Application
Number
:NA

Filing Date :NA

(62) Divisional to Application Number :2381/DELNP/2012 Filed on :20/03/2012 (71)Name of Applicant:

1)NIPPON KAYAKU KABUSHIKI KAISHA

Address of Applicant: 1-11-2, FUJIMI-CHO, CHIYODA-KU,

TOKYO 1028172, JAPAN Japan

2)ARKEMA FRANCE (72)Name of Inventor:

1)YASUHIRO MAGATANI 2)KIMITO OKUMURA 3)JEAN-LUC DUBOIS

4) JEAN FRANCOIS DEVAUX

(57) Abstract:

A catalyst composition comprising at least an heteropolyacid deposited on a porous mania carrier A catalyst composition comprising at least an heteropolyacid in which protons in the heteropolyacid may be partially exchanged by at least one cation selected from elements belonging to Group 1 to Group 16 of the Periodic Table of Elements that have been deposited on a porous titania carrier. A method for preparing the catalyst composition, comprising impregnating a titania carrier with a solution of at least one metal selected from elements belonging to the Group 1 to Group 16 of the Periodic Table of Elements or onium, drying and firing the resulting solid mixture, secondly impregnating the resulting solid mixture with a solution of heteropolyacid, drying, and firing the resulting solid mixture. A process for preparing acrolein and acrylic acid by dehydration of glycerin, carried out in the presence of the catalyst.

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

(21) Application No.3775/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHODS FOR MODULATION OF AUTOPHAGY THROUGH THE MODULATION OF AUTOPHAGY-IN-HIBITING GENE PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N 15/113 :61/247,251 :30/09/2009 :U.S.A. :PCT/US2010/050960 :30/09/2010 :WO 2011/041582 :NA :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant: 17 QUINCY STREET, CAMBRIDGE, MA 02138, U.S.A. U.S.A. (72)Name of Inventor: 1)JUNYING YUAN 2)MARTA M. LIPINSKI
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(57) Abstract:

The present disclosure relates to methods for the modulation of autophagy and the treatment of autophagy-related diseases, including cancer, neurodegenerative diseases and pancreatitis.

No. of Pages: 396 No. of Claims: 87

(21) Application No.3776/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHODS FOR MODULATION OF AUTOPHAGY THROUGH THE MODULATION OF AUTOPHAGY-ENHANCING GENE PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N 15/113 :61/247,251 :30/09/2009 :U.S.A. :PCT/US2010/050968 :30/09/2010 :WO 2011/041584 :NA :NA :NA	(71)Name of Applicant: 1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant:17 QUINCY STREET, CAMBRIDGE, MA 01238, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JUNYING YUAN 2)MARTA M. LIPINSKI
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(57) Abstract:

The present disclosure relates to methods for the modulation of autophagy and the treatment of autophgy-related diseases, including cancer, neurodegenerative diseases and pancreatitis.

No. of Pages: 392 No. of Claims: 50

(21) Application No.3777/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: POWER CONVERSION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/10/2010 :WO 2011/052364 :NA :NA	(71)Name of Applicant: 1)MERSTECH, INC. Address of Applicant:15-19, KAMI-OSAKI 2-CHOME, SHINAGAWA-KU, TOKYO 141-0021 (JP) Japan (72)Name of Inventor: 1)SHIMADA, RYUICHI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A power conversion device (1) comprises an inductor (L) serried-connected to an alternating-current power source (20) and a load (30), a full-bridge MERS (100) parallel-connected to the load (30), a control circuit (110), a current direction switching part (200) serried-connected between the inductor (L) and load (30), and an ammeter (300). The control circuit (110) feeds back the current detected by the ammeter (300), repeatedly turns on/off either a pair of reverse conductive semiconductor switches (SW2, SW3) or a pair of reverse conductive semiconductor switches (SW1, SW4) constituting the full-bridge MERS (100), which corresponds to the positive/negative voltage output from the alternating-current source (20), and keeps the other pair being off.

No. of Pages: 59 No. of Claims: 12

(21) Application No.4123/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 10/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: ARRANGEMENT FOR A DROPPER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B65D 47/20 :BR- MU-8902988-7 :14/10/2009 :Brazil :PCT/BR2010/000322 :01/10/2010 :WO 2011/044647 :NA :NA	(71)Name of Applicant: 1)QUIMENTON, MARCOS ANTONIO Address of Applicant: RUA ANGELA FERRARO MENEGALDO, 159-PARAUE RESIDENCIAL MAISON BLANCHE, OTIRZES VALINHOS-SP, CEP: 13275-422 BRAZIL. Brazil (72)Name of Inventor: 1)QUIMENTON, MARCOS ANTONIO
- 10	:NA :NA :NA	

(57) Abstract:

An arrangement for a dropper, in particular a container (bottle) (1) made of injection-molded plastics, preferably, but not necessarily, translucent, with a base (2) having the form of a membrane (M), having a different thickness than the container, but being an integral part of the container (bottle) (1), with a corrugated perimeter (3) that causes the membrane (M) to act like a spring, making it considerably easier to actuate and move the liquid mechanically towards the dose dispensing device (4).

No. of Pages: 11 No. of Claims: 1

(21) Application No.4124/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DUPLEX STAINLESS STEEL HAVING EXCELLENT ALKALI RESISTANCE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 13/11/2009 13/11/2009 13/2010/070115 13/11/2010 13/209 13/209 13/2009-260119 13/2009 13/2009 13/	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:Japan :PCT/JP2010/070115 :11/11/2010 :WO 2011/059030 :NA :NA :NA	KU, OSAKA-SHI OSAKA 541-0041, JAPAN. Japan (72)Name of Inventor: 1)KAMINAKA, HIDEYA 2)HIGUCHI, JUNICHI 3)YAMADE, YOSHIAKI 4)YOSHIDA, SHUUJI
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(57) Abstract:

The present invention provides a duplex stainless steel having excellent resistance to alkalis and particularly corrosion resistance against high-temperature concentrated alkali solutions and excellent weldability. The duplex stainless steel has a chemical composition comprising, in mass %, C: at most 0.03%, Si: at most 0.5%, Mn: at most 2.0%, P: at most 0.04%, S: at most 0.003%, Cr: at least 25.0% to less than 28.0%, Ni: at least 6.0% to at most 10.0%, Mo: at least 0.2% to at most 3.5%, N: less than 0.5%, W: at most 3.0%, and a remainder of Fe and impurities.

No. of Pages: 23 No. of Claims: 3

(22) Date of filing of Application :26/04/2012

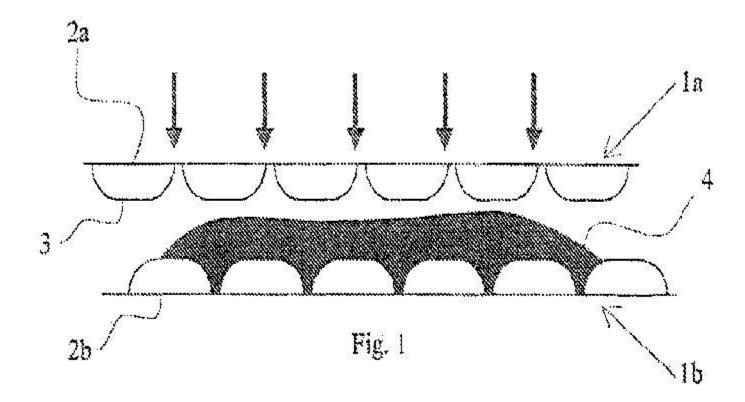
(43) Publication Date: 06/11/2015

(54) Title of the invention: CAST SHEET AND METHOD OF PRODUCING 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 	:04/11/2010 :WO 2011/056136 :NA :NA	(71)Name of Applicant: 1)BUTONG AB Address of Applicant: HALLNASGATAN 13, S-752 28 UPPSALA (SE) Sweden (72)Name of Inventor: 1)HOGLUND, LARS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is in respect to a cast sheet that consist of a non planar net structure with cavities, where the net structure spread across a plane and where the cavities can form holes from one side of the sheet to the other. The cavities on both of the sides of the sheet can be arranged in identical structures where the structure of both sides are displaced or rotated in relation to each-other. Furthermore the present invention also refers to a form template for casting of such a sheet and a method for producing such sheet.



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

(21) Application No.3679/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FILTRATION MEDIA FOR HIGH HUMIDITY ENVIRONMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B01D 39/08 :61/262,738 :19/11/2009 :U.S.A. :PCT/US2010/055228 :03/11/2010 :WO 2011/062761 :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A. U.S.A. (72)Name of Inventor: 1)JONES, DAVID, CHARLES 2)SIDDIQUI, JUNAID, A.
		2)SIDDIQUI, JUNAID, A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention is directed to a nanofiber that contains at least one moisture sensitive polymer. The fiber also contains nanoparticles of a hydrogen bonding material incorporated into the body of the fiber. The hydrogen bonding material is present in an amount corresponding to greater than 2% of the polymer weight and the nanofiber has a mean fiber diameter measured along its length of less than one micron. Also included are filter media made form nanowebs of the fiber.

No. of Pages: 25 No. of Claims: 19

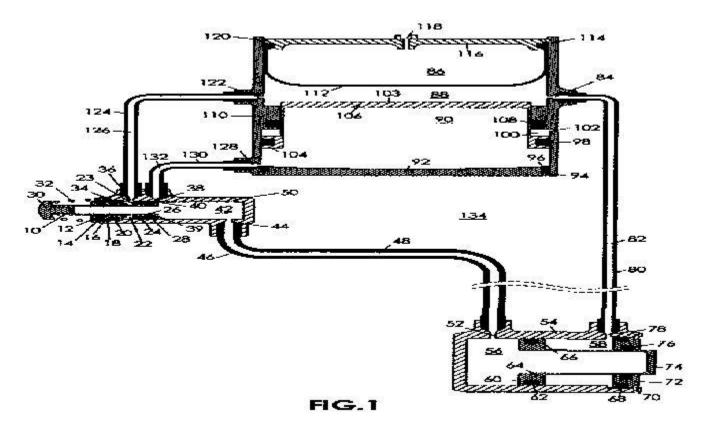
(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: OPPOSED HIGH PRESSURE HYDRAULIC SYSTEM

(51) International classification(31) Priority Document No	:B60T 17/22 :61/256,217	(71)Name of Applicant: 1)RG3 INPROP, LLC
(32) Priority Date(33) Name of priority country	:29/10/2009 :U.S.A.	Address of Applicant :3164 EAST LA PALMA AVENUE, UNIT A, ANAHEIM, CA 92806, U.S.A. U.S.A.
(86) International Application No Filing Date	:PCT/US2010/054580 :28/10/2010	(72)Name of Inventor: 1)HENRICKSEN, ROBERT
(87) International Publication No	:WO 2011/059778	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Braking systems and methods having above atmospheric pressure applied to the working hydraulic fluid of the braking system. In certain preferred arrangements, the braking system includes at least one source of pressure (88), which pressurizes a fluid. The pressurized fluid acts on respective pressure surfaces of the master plunger(s) (10) and the slave piston(s) (74) that are opposite the active or working surfaces (39, 60) of the master plunger(s) (10) and the slave piston(s) (74).



No. of Pages: 37 No. of Claims: 17

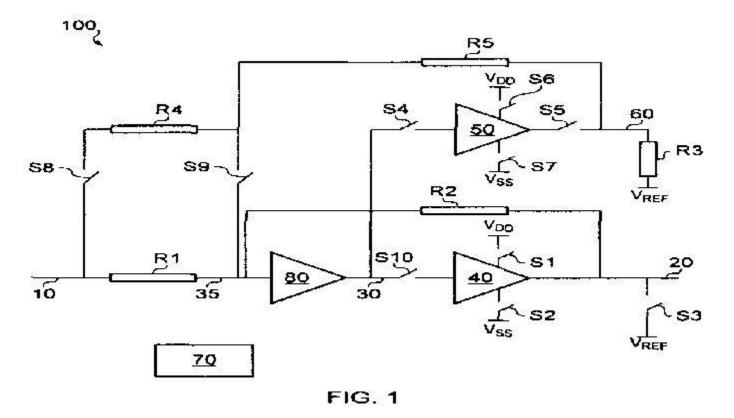
(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AMPLIFIER ACTIVATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H03F 1/30 :09252519.5 :30/10/2009 :EPO :PCT/EP2010/006619 :29/10/2009 :WO 2010/050974 :NA :NA	(71)Name of Applicant: 1)ST-ERICSSON SA Address of Applicant: 39 CHEMIN DU CHAMP-DES-FILLES, CH-1228 PLAN-LES-QUATES (CH) Switzerland (72)Name of Inventor: 1)TENG, ROBERT HWAT HIAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An amplifier (100, 300) comprises a main amplification stage (40) and an auxiliary amplification stage (50). An input of the main amplification stage (40) and an input of the auxiliary amplification stage (50) are coupled to a common node (30), and an output of the main amplification stage (40) is coupled to an output node (20). During activation, before power is supplied to the main amplification stage (40), the output node (30) is coupled to a reference voltage (VREF)- A quiescent voltage is then established at the common node (30) by coupling power to the auxiliary amplification stage (50). Only then is power coupled to the main amplification stage (40) and the reference voltage (VREF) de-coupled from the output node (20).



No. of Pages: 22 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :10/05/2012

(21) Application No.4132/DELNP/2012 A

(43) Publication Date: 06/11/2015

(54) Title of the invention: POROUS MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/11/2010 :WO 2011/057341 :NA :NA :NA	(71)Name of Applicant: 1)NANO-NOUVELLE PTY LTD. Address of Applicant: UNIT 4-9, CESSNA STREET, MARCOOLA, QUEENSLAND 4564, AUSTRALIA. Australia (72)Name of Inventor: 1)EDWARDS, GEOFFREY ALAN
Filing Date	:NA	

(57) Abstract:

A porous membrane material comprising a porous membrane substrate coated with a thin, uniform coating of a different material. The membrane material can have high electrical conductivity. The membrane material can exhibit a very high ratio of electrical conductivity to thermal conductivity. The porous membrane substrate may be removed to form the membrane.

No. of Pages: 27 No. of Claims: 44

(21) Application No.4133/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: SOLENOID ACTUATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01F 7/16 :0919645.2 :10/11/2009 :U.K. :PCT/GB2010/051849 :05/11/2010 :WO 2011/058344 :NA :NA	(71)Name of Applicant: 1)SENTEC LTD. Address of Applicant: 5 THE WESTBROOK CENTRE, MILTON ROAD, CAMBRIDGE, CAMBRIDGESHIRE CB4 1YG, U.K. U.K. (72)Name of Inventor: 1)DAMES, ANDREW
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A short travel solenoid actuator (44) is disclosed which comprises at least one pole piece (47, 48), an armature (51), an electromagnet coil (46) arranged, in response to energisation, to actuate the armature between first and second positions. A permanent magnet (52) is positioned and orientated so as to latch the armature in the first and second positions when the armature is in the first and second positions respectively. A spring (53) is arranged to bias the armature

No. of Pages: 50 No. of Claims: 26

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HIGHLY ACCURATE DISTANCE MEASUREMENT 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 	:G01S 7/487 :09180493.0 :22/12/2009 :EPO :PCT/EP2010/070604 :22/12/2010 :WO 2011/076907 :NA :NA :NA	(71)Name of Applicant: 1)LEICA GEOSYSTEMS AG Address of Applicant: HEINRICH-WILD-STRASSE, CH- 9435 HEERBRUGG (CH) Switzerland (72)Name of Inventor: 1)STUTZ, RETO 2)FRITSCH, ROBERT 3)HINDERLING, JURG 4)ROHNER, MARCEL
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(57) Abstract:

Highly accurate electro-optical time of flight distance measuring device for determining a distance to a target. It is comprising at least a transmitter for sending out a pulse shaped optical radiation to the target, in particular as a pulse modulated laser beam from a laser diode, as well as a receiver for an optical signal, which signal is comprising parts of the optical radiation scattered back from the target, built for turning the optical signal to an electrical signal, in particular as a photodiode or avalanche photodiode, and a filter with a transfer-function for filtering the electrical signal, in particular an analog lowpass or bandpass filter whereby the filter is built in such a way that its transfer-function is of at least 4th order, in particular 5th or 7th or higher order, so that aliasing is suppressed. Further a waveform-sampler, as an analog-to-digital-converter, for digitalizing the pulse shape from the filtered electrical signal as time- and value-quantized digital data, and a computation means for a numerical evaluation of the distance according to the pulse shape or a pulse shape representing numerical signature from the digital data, in particular with a resolution in time being orders of magnitude better than the time-quantisation interval of the waveform sampler is comprised.

No. of Pages: 52 No. of Claims: 15

(21) Application No.3785/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: USE OF WAXES IN A BITUMEN/CROSSLINKED POLYMER COMPOSITION IN ORDER TO IMPROVE THE RESITANCE THEREOF TO CHEMICAL ATTACK, AND BITUMEN/CROSSLINKED POLYMER COMPOSITION COMPRISING SAID WAXES

(51) International classification	:C08L 95/00	(71)Name of Applicant:
(31) Priority Document No	:FR 09 57628	1)TOTAL RAFFINAGE MARKETING
(32) Priority Date	:29/10/2009	Address of Applicant :24, COURS MICHELET, F-92800
(33) Name of priority country	:France	PUTEAUX, FRANCE France
(86) International Application No	:PCT/IB2010/054914	(72)Name of Inventor:
Filing Date	:29/10/2010	1)HARDERS, SYLVIA
(87) International Publication No	:WO 2011/051912	2)CHAMINAND, JULIEN
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the use of 2 to 6% by mass of Fischer-Tropsch waxes in a cross-linked bitumen/polymer composition for improving the cross-linked bitumen/polymer compositions resistance to aggressive chemical agents, and to the bitument/crosslined polymer composition comprising the same, and method for preparing the bitument/crosslined polymer composition.

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

(21) Application No.3786/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : USE OF FATTY ACID DERIVATIVES IN BITUMINOUS COMPOSITIONS FOR IMPROVING THE RESITANCE THEREOF TO CHEMICAL ATTACKS AND BITUMINOUS COMPOSITIONS COMPRISING SAID DERIVATIVES

(51) International classification	:C08K 5/20	(71)Name of Applicant :
(31) Priority Document No	:FR 09 57 627	1)TOTAL RAFFINAGE MARKETING
(32) Priority Date	:29/10/2009	Address of Applicant :24, COURS MICHELET, F-92800
(33) Name of priority country	:France	PUTEAUX, FRANCE France
(86) International Application No	:PCT/IB2010/054916	(72)Name of Inventor:
Filing Date	:29/10/2010	1)HARDERS, SYLVIA
(87) International Publication No	:WO 2011/051913	2)CHAMINAND, JULIEN
 (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 relates to the use of at least one fatty acid derivative of general formula (1) in a bituminous composition for improving their resistance to aggressive chemical agents, and in particular to hydrocarbons, such as gasolines, gas oils and/or kerosenes, general formula (1) being: with, when n is equal to 0, an X group chosen from the NH2 or NHR3 groups and when n is equal to 1, an X group which represents the -NH-(CH2)m-NH- group, the R1, R2, R3 groups being, independently of each other, saturated or unsaturated, linear or branched hydrocarbon groups with 8 to 24 carbon atoms, m being comprised between 1 and 8. In one embodiment, it also relates to bituminous compositions comprising said derivatives. In another embodiment, it also relates to method for preparing the bituminous compositions comprising said derivatives.

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

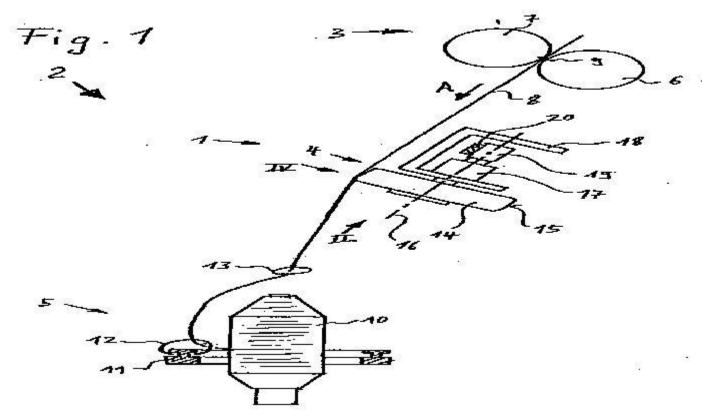
(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: RING SPINNING MACHINE HAVING A FALSE TWIST 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 	:27/10/2010 :WO 2011/072773 :NA :NA	(71)Name of Applicant: 1)MASCHINENFABRIK RIETER AG Address of Applicant: KLOSTERSTRASSE 20, 8406 WINTERTHUR, SWITZERLAND. Switzerland (72)Name of Inventor: 1)STAHLECKER GERD
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In the case of a ring spinning arrangement having at least one spinning station comprising a drafting unit and a ring spindle, it is provided that a false twist device is arranged between said drafting unit and said ring spindle. A fibre strand to be twisted is positionable laterally to the false twist device. The false twist device comprises at least one rotatable disc comprising a friction surface for a fibre strand. The fibre strand can be guided between two adjacent discs, said discs being arranged at a centre distance to one another, said distance measuring less than the disc diameter.



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

(22) Date of filing of Application :27/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: FACILITY FOR PRODUCING ELECTRIC CURRENT USING SOLAR RADIATION, AND METHOD FOR SECURING A BUILDING PROVIDED WITH SUCH A FACILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/10/2010 :WO 2011/051628 :NA :NA :NA	(71)Name of Applicant: 1)MERSEN FRANCE SB SAS Address of Applicant:15 RUE JACQUES VAUCANSON, F- 69720 SAINT-BONNET-DE-MURE, FRANCE France (72)Name of Inventor: 1)FRANCK SARRUS 2)JEAN-LOUIS GELET 3)THIERRY RAMBAUD
Filing Date	:NA	

(57) Abstract:

The invention relates to a facility (20) for producing electric current using solar radiation, which is built into a building (1) and includes at least one photovoltaic generator (22) as well as a short-circuiting switch (80) suitable for establishing and maintaining a short-circuit across the terminals (24, 26) of the photovoltaic generator (22) by means of an electrically conductive connector. The short-circuiting switch (80) is activated by a control means (66) arranged in a pre-determined portion (60) of the building (1) or the surroundings thereof. According to the security method of the invention, a short-circuit is established and maintained across the terminals (24, 26) of the photovoltaic generator (22) by means of an electrically conductive connector, thus preventing a power grid (4) specific to the building from remaining supplied with current and live.

No. of Pages: 19 No. of Claims: 13

(21) Application No.3702/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: POWDER INHALER

(51) International classification	:A61M 15/00	(71)Name of Applicant :
(31) Priority Document No	:09172107.6	1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:02/10/2009	GMBH
(33) Name of priority country	:EUROPEAN	Address of Applicant :BINGER STR. 173, 55216
(55) Name of priority country	UNION	INGELHEIM AM RHEIN, GERMANY Germany
(86) International Application No	:PCT/EP2010/064562	(72)Name of Inventor :
Filing Date	:30/09/2010	1)MARKUS KAEMPER
(87) International Publication No	:WO 2011/039307	2)JOERN-ERIC SCHULZ
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Inhaler for inhaling powdered medicaments from capsules, comprising - a lower part (6), - a plate (3) accommodated in the lower part (6), and a holder (18) inserted in the lower part (6), - a mouthpiece (2) that can be latched to the lower part (6) on the plate (3), - a cover (1) that covers the mouthpiece (2) in a closed position and latches by means of a closure element (14), the lower part (6) and the cover (1) being rotatably (4) connected to one another by a spindle (4), and - an actuating member (7, 10) that can be moved from a resting position and set in motion and at the same time co-operates with at least one pin (8, 11) that can be stuck into the holder (18) and is located in a pin holder in the inner actuating member (10). An exchangeable tube (22) can be inserted, as expulsion channel, in the holder (18), said tube comprising a capsule chamber (21) with the capsule. (Figure 2)

No. of Pages: 34 No. of Claims: 14

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: APPARATUS AND METHOD FOR CRYOGRANULATING A PHARMACEUTICAL COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 39/00 :61/257,385 :02/11/2009 :U.S.A. :PCT/US2010/055085 :02/11/2010 :WO 2011/053959 :NA :NA :NA	(71)Name of Applicant: 1)MANNKIND CORPORATION Address of Applicant:28903 NORTH AVENUE PAINE, VALENCIA, CA 91355, U.S.A. U.S.A. (72)Name of Inventor: 1)EDWIN AMORO 2)KAREL VANACKERE 3)MICHAEL A. WHITE
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(57) Abstract:

Cryogranulation systems with improved dispenser assemblies are provided for use in manufacturing frozen pellets of pharmaceutical substances in a fluid medium. Methods of cryogranulating the pharmaceutical substance in the fluid medium are also provided. In particular embodiments, the dispenser assembly is used with suspensions or slurries of pharmaceutical compositions including biodegradable substances, such as proteins, peptides, and nucleic acids. In certain embodiments, the pharmaceutical substance can be adsorbed to any pharmaceutically acceptable carrier particles suitable for making pharmaceutical powders. In one embodiment, the pharmaceutical carrier can be, for example, diketopiperazine-based microparticles. The dispenser assembly improves the physical characteristics of the cryopellets formed and minimizes product loss during processing.

No. of Pages: 31 No. of Claims: 21

(21) Application No.4167/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONTROLLED RESTART OF ELECTRICAL SERVICE WITHIN A UTILITY SERVICE AREA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/10/2010 :WO 2011/046589 :NA :NA	(71)Name of Applicant: 1)CONSERT INC. Address of Applicant:12508 JONES MALTSBERGER ROAD SUITE 110 SAN ANTONIO, TX 78247 U.S.A. U.S.A. (72)Name of Inventor: 1)FORBES JR., JOSEPH, W. 2)WEBB, JOEL, L.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An active load management system (ALMS) controllably restarts electrical service to service points in a utility service area after a power outage. The ALMS includes client devices installed at the service points and a central controller. In one embodiment, the controller associates numbers with the service points and stores the associations. Each service point may be associated with a unique number or a group of service points may share a number. After receiving notification that power is available, the controller determines a number and communicates the number to one or more of the client devices. Where the number was determined randomly, the client devices associated with the number may restart electrical service upon receipt of the number. Where the number was determined sequentially, a client device may determine its own random number and compare it to the received number. If a match occurs, electrical service can be restarted.

No. of Pages: 55 No. of Claims: 31

(21) Application No.1170/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR COMMUNICATION WITH A CONTACT

(51) International classification(31) Priority Document No	:G06K7/08 :NA	(71)Name of Applicant : 1)Samsung India Electronics Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Logix Cyber Park Tower C 8th to 10th
(33) Name of priority country	:NA	floor, Tower D, Ground to 10th floor, Plot No.C - 28-29, Sector -
(86) International Application No	:NA	62, Noida-201301 (U.P), India Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Sumit Saxena
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The embodiments herein provide a method and system for automatically displaying an item for communication with a contact stored in an electronic device. The method includes storing a frequency of usage of the item for the contact in a Frequently Opted Communication Application (FOCA) database. Further, the method includes receiving an interaction event performed on the contact in the electronic device. Furthermore, the method includes identifying the item for communication with the contact from the FOCA database and displaying the identified item on the electronic device as a response to the interaction event performed on the contact. FIG. 1

No. of Pages: 61 No. of Claims: 21

(21) Application No.1696/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : DEVICE FOR MONITORING THE EMPTY CONDITION OF A CONTAINER CELL OF A CONTAINER CLEANING MACHINE

(51) International classification	:B65G	(71)Name of Applicant:
(31) International classification	47/42	1)KRONES AG
	:DE 10	Address of Applicant :B-HMERWALDSTRAE 5, 93073
(31) Priority Document No	2013 106	NEUTRAUBLING, GERMANY Germany
	935.5	(72)Name of Inventor:
(32) Priority Date	:02/07/2013	1)WINKEL, MATTHIAS
(33) Name of priority country	:Germany	
(86) International Application No	:PCT// /	
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Abstract Device for Monitoring the Empty Condition of a Container Cell of a Container Cleaning Machine • The present invention relates to a device (1) for monitoring the empty condition of a container cell (2) of a container cleaning machine, preferably a container cleaning machine for cleaning returnable bottles in a beverage filling plant, comprising at least one foreign body ejection device (4) for ejecting a foreign body that is present in a container cell (2) from said container cell (2), wherein a checking device (3) for checking the integrity of the container cell (2) is provided. Fig. 1

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

(21) Application No.3708/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: OPHTHALMIC FLUID 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 	:19/10/2010 :WO 2011/053479 :NA :NA	(71)Name of Applicant: 1)JOHNSON & JOHNSON VISION CARE, INC. Address of Applicant: 7500 CENTURION PARKWAY, JACKSONVILLE, FL32256, USA U.S.A. (72)Name of Inventor: 1)GARY S. HALL 2)CATIE A. MORLEY 3)LESLIE A. VOSS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention discloses apparatus and methods of providing a pump for dispensing a liquid into the eye and in some embodiments, a pump coupled to a blink detecting mechanism to time administration of a liquid into the eye.

No. of Pages: 18 No. of Claims: 14

(21) Application No.3709/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : ABSORBABLE POLYETHYLENE DIGLYCOLATE COPOLYMERS TO REDUCE MICROBIAL ADHESION TO MEDICAL DEVICES AND IMPLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:26/10/2010 :WO 2011/053562 :NA	(71)Name of Applicant: 1)ETHICON INC. Address of Applicant: U.S. ROUTE 22, SOMERVILLE, NJ 08876, USA U.S.A. (72)Name of Inventor: 1)SASA ANDJELIC 2)JOERG PRIEWE
(61) Patent of Addition to Application	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is directed to absorbable polyether esters that have been found to reduce bacterial adhesion to materials such as medical devices and implants. More specifically, the invention is directed to novel amorphous co-polymers comprising polyethylene diglycolate (PEDG) copolymerized with lactide-rich monomers.

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

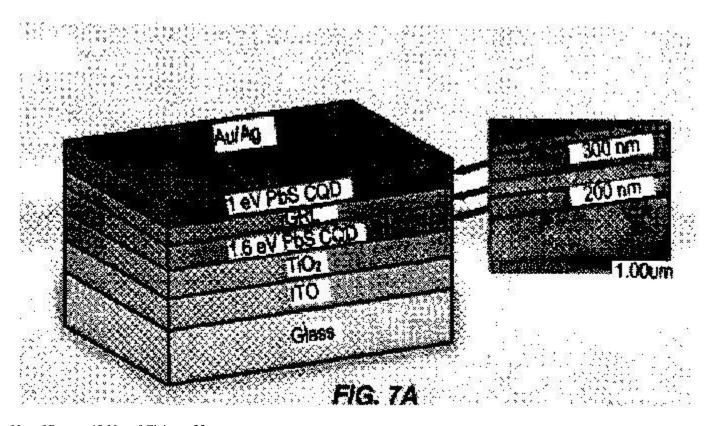
(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : PHOTOVOLTAIC DEVICES WITH MULTIPLE JUNCTIONS SEPARATED BY A GRADED RECOMBINATION LAYER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H01L 31/072 :61/351,948 :07/06/2010 :U.S.A. :PCT/US2011/024222 :09/02/2011 :WO 2011/156017 :NA :NA	(71)Name of Applicant: 1)THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO Address of Applicant: 27 KING'S COLLEGE CIRCLE, TORONTO, ONTARIO M5S 1A1, CANADA Canada (72)Name of Inventor: 1)BARKHOUSE, AARON 2)WANG, XIHUA 3)SARGENT, EDWARD H.
(61) Patent of Addition to Application	:NA	2)WANG, XIHUA
(62) Divisional to Application Number Filing Date	:NA :NA	5)BRZOZOWSKI, LUKASZ

(57) Abstract:

A recombination layer with a gradient work function is provided which increases the power-conversion efficiency of multijunction photovoltaic devices by reducing the energy barrier to charge carriers migrating between pairs of photovoltaic junctions thereby facilitating the optimal recombination of opposing electron and hole currents generated when the photovoltaic is illuminated.



No. of Pages: 45 No. of Claims: 33

(22) Date of filing of Application :11/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: CONTROL SYSTEM FOR NOX REMOVAL DEVICE, NOX REMOVAL DEVICE PROVIDED WITH THE SAME, BOILER PLANT PROVIDED WITH THE SAME, AND METHOD OF CONTROLLING NOX REMOVAL DEVICE

(51) International classification :B01D 53/56 (71)Name of Applicant: (31) Priority Document No 1)MITSUBISHI HEAVY INDUSTRIES, LTD. :2010-043523 (32) Priority Date Address of Applicant: 16-5, KONAN 2-CHOME, MINATO-:26/02/2010 (33) Name of priority country KU, TOKYO 108-8215, JAPAN Japan :Japan (86) International Application No :PCT/JP2011/050109 (72)Name of Inventor : Filing Date :06/01/2011 1)TAKETOSHI YAMAURA (87) International Publication No :WO 2011/105116 2)YOSHIHIRO DEGUCHI (61) Patent of Addition to Application 3)NOBUYUKI UKAI :NA Number 4)SUSUMU OKINO :NA Filing Date 5)TATSUTO NAGYASU (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A control system (20) of a NOx removal device is provided with reagent introducing means (15) for introducing a reagent into a fluid, a temperature measuring device (21) that measures a temperature distribution of the fluid, a reagent-concentration calculating portion (23) that calculates a concentration distribution of the reagent introduced into the fluid with the temperature distribution determined at the temperature measuring device (21), a reagent-flow-rate determining portion (24) that determines a flow rate of the reagent that the reagent introducing means (15) introduces in accordance with the concentration distribution calculated at the reagent-concentration calculating portion (23), and a reagent-introducing-means control portion (25) that controls the reagent introducing means (15) so as to introduce the reagent into the fluid at the flow rate determined at the reagent-flow-rate determining portion (24).

No. of Pages: 41 No. of Claims: 7

(21) Application No.3613/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: THREADED SUTURE ANCHOR

(51) International classification	:A61B 17/04	(71)Name of Applicant :
(31) Priority Document No	:61/255,510	1)SMITH & NEPHEW, INC.
(32) Priority Date	:28/10/2009	Address of Applicant :1450 BROOKS ROAD, MEMPHIS,
(33) Name of priority country	:U.S.A.	TN 38116, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/054428	(72)Name of Inventor:
Filing Date	:28/10/2010	1)MARK EDWIN HOUSMAN
(87) International Publication No	:WO 2011/056701	2)PAUL STEVEN VINCUILLA
(61) Patent of Addition to Application	.NT A	3)RICHARD MARK LUNN
Number	:NA	4)JULIE KENNELLY TRIPODI
Filing Date	:NA	5)ROY ALAN MAJORS
(62) Divisional to Application Number	:NA	6)PAUL LEO SALVAS
Filing Date	:NA	7)ROLAND FRANCIS GATTURNA

(57) Abstract:

The present disclosure relates to a suture anchor. The suture anchor includes a body having a proximal end and a distal end, the body including threads along at least a partial length of the body and at least one through hole, the threads including a profile such that the threads located near the distal end of the body include a first shape and the threads located near the proximal end of the body include a second shape different from the first shape. Delivery devices and anchor dilators are also disclosed.

No. of Pages: 35 No. of Claims: 6

(21) Application No.3710/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : PHOTOGRAPHING APPARATUS, PHOTOGRAPHING CONTROL METHOD AND PHOTOGRAPHING CONTROL PROGRAM

(51) International classification	:H04N 5/225	(71)Name of Applicant:
(31) Priority Document No	:2009-254248	1)SONY CORPORATION
(32) Priority Date	:05/11/2009	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, 108-0075, JAPAN Japan
(86) International Application No	:PCT/JP2010/06191	(72)Name of Inventor:
Filing Date	:19/10/2010	1)KENICHIRO FUKUDA
(87) International Publication No	:WO 2011/055498	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		<u>'</u>

(57) Abstract:

An electronic device and method of controlling the electronic device in which the electronic device includes a digital camera function. A touchless screen is configured to display an image. A control unit is configured to sense an operation member held over an area of the touchless screen without the operation member touching the touchless screen, and the control unit is further configured to determine at least one of a size or a position of the operation member held over the area of the touchless screen, and to control at least one digital camera operation based on the sensed at least one of size or position.

No. of Pages: 110 No. of Claims: 30

(21) Application No.3711/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CATALYSTS AND USE OF SAME

(51) International classification	:B01J 31/22	(71)Name of Applicant:
(31) Priority Document No	:102009051014.1	1)BAYER MATERIALSCIENCE AG
(32) Priority Date	:28/10/2009	Address of Applicant :51368 LEVERKUSEN, GERMANY
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2010/066102	(72)Name of Inventor:
Filing Date	:26/10/2010	1)STEPHAN REITER
(87) International Publication No	:WO 2011/051246	2)JENS KRAUSE
(61) Patent of Addition to Application	:NA	3)HARALD KNAUP
Number	:NA	4)KLAUS JURKSCHAT
Filing Date	.11/1	5)MARKUS SCHURMANN
(62) Divisional to Application Number	:NA	6)GERRIT BRADTMOLLER
Filing Date	:NA	

(57) Abstract:

The invention relates to novel catalysts and the use thereof, for example in the preparation of polyisocyanate polyaddition products.

No. of Pages: 27 No. of Claims: 4

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ANTIBODY GLYCOSYLATION VARIANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12P 21/06 :61/255,986 :29/10/2009 :U.S.A. :PCT/US2010/053948 :25/10/2010 :WO 2011/059684 :NA :NA	(71)Name of Applicant: 1)JANSSEN BIOTECH INC. Address of Applicant:800/850 RIDGEVIEW DRIVE, HORSHAM, PA 19044, U.S.A. U.S.A. (72)Name of Inventor: 1)JINQUAN LUO 2)STEPHEN MCCARTHY 3)T. SHANTHA RAJU 4)BERNARD SCALLON 5)TRACY SPINKA-DOMS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Antibody and other Fc-containing molecules with glycosylation variations in the Fc region show increased resistance to proteases, such as pepsin, plasmin, trypsin, chymotrypsin, a matrix metalloproteinase, a serine endopeptidase, and a cysteine protease. The Fc-containing molecules are useful in the treatment of various diseases and disorders.

No. of Pages: 45 No. of Claims: 27

(21) Application No.3713/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PLURIPOTENT STEM CELLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12N :61/256,149 :29/10/2009 :U.S.A. :PCT/US2010/054408 :28/10/2010 :WO 2011/059725 :NA :NA	(71)Name of Applicant: 1)JANSSEN BIOTECH, INC. Address of Applicant:800/850 RIDGEVIEW DRIVE, HORSHAM, PA 19044, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RAMIE FUNG 2)BENJAMIN FRYER
Filing Date	:NA	

(57) Abstract:

The present invention provides methods to produce pluripotent stem cells from adult cells. In particular, the present invention provides methods to produce pluripotent stem cells from somatic cells without the use of a feeder-cell layer or an agent that increases efficiency of retroviral transfection.

No. of Pages: 57 No. of Claims: 2

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : 2-AMINO-9-[4-METHOXY-PHENOXY)-PIPERIDIN-1-YL]-4-PHENYL-INDENO [1,2-D] PYRIMIDIN-5-ONE AND ITS USE AS A HIGHLY SELECTIVE ADENOSINE A2A RECEPTOR ANTAGONIST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/10/2010 :WO 2011/053507 :NA :NA	(71)Name of Applicant: 1)JANSSEN PHARMACEUTICA NV Address of Applicant: TURNHOUTSEWEG 30, B-2340 BEERSE, BELGIUM Belgium (72)Name of Inventor: 1)PAUL F. JACKSON 2)MARK POWELL 3)BRIAN CHRISTOPHER SHOOK 4)AIHUA WANG
Filing Date	:NA :NA	
(57) 41		

(57) Abstract:

This invention relates to a novel arylindenopyrimidine, A, and its therapeutic and prophylactic uses. Disorders treated and/or prevented include Parkinsons Disease.

No. of Pages: 19 No. of Claims: 16

(21) Application No.4180/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FIXED ANGLE CENTRIFUGE ROTOR WITH TUBULAR CAVITIES AND RELATED 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 	:10/11/2010 :WO 2011/060030 :NA :NA :NA	(71)Name of Applicant: 1)FIBERLITE CENTRIFUGE LLC Address of Applicant: 422 ALDO AVENU, SANTA CLARA, CA 95054, USA U.S.A. (72)Name of Inventor: 1)SINA PIRAMOON
Filing Date	:NA	

(57) Abstract:

A fixed angle centrifuge rotor (10, 150) is provided. The rotor (10) includes a rotor body (12) having a circumferential side wall (19) and a plurality of tubular cavities (26). Each of the cavities (26) has an open end (21) and a closed end (22) and is configured to receive a sample container therein. A pressure plate (54, 154) is operatively coupled to the plurality of tubular cavities (26) so that the pressure plate (54), in combination with the plurality of tubular cavities (26), defines an enclosed hollow chamber (48) between each adjacent pair of the plurality of tubular cavities (26). Each of the plurality of tubular cavities (26) has a sidewall (34b) facing an interior (28) of the rotor body (12) and a bottom wall (34c) at the closed end (22).

No. of Pages: 39 No. of Claims: 21

(21) Application No.1160/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ESTABLISHING A CALL BETWEEN TWO USER EQUIPMENTS

(51) International classification	:H04W4/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3, avenue Octave Grard 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VALLIAPPAN, Muthuveerappan
(87) 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 discloses a method for establishing a call between two user equipments (102). The method comprises receiving, at a Radio Access Point (RAP) (110), a request from a first user equipment (UE1) (102-1), for establishing a call with a second user equipment (UE2) (102-2). After receiving the call request, it is determined whether the UE2 (102-2) is in a connected state with the RAP (110). The determination is performed based on information of the UE2 (102-2) stored as UE2 context in the RAP (110). Further, based on the determination, the call is established with the UE2 (102-2).

No. of Pages: 35 No. of Claims: 18

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MARKER PROTEIN FOR TYPE 2 DIABETES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 Signature (62) Divisional to Application Number Filing Date (63) International Publication No Signature (64) Patent of Addition to Application Number Filing Date (65) Divisional to Application Number Filing Date (66) International Application Number Filing Date (67) Divisional to Application Number Filing Date (68) International Control (10) (10) (10) (10) (10) (10) (10) (10)	(71)Name of Applicant: 1)F. HOFFMANN-LA ROCHE AG Address of Applicant:GRENZACHERSTRASSE 124, CH- 4070 BASEL, SWITZERLAND Switzerland (72)Name of Inventor: 1)BADI, LAURA 2)EBELING, MARTIN 3)MATILE, HUGUES 4)MIGLIORINI, CRISTIANO 5)SABATES BELLVER, JACOB 6)SCHINDLER, THOMAS 7)SEBOKOVA, ELENA 8)WANG, HAIYAN
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(57) Abstract:

The present invention provides a marker protein for the early detection of type II diabetes, antibodies directed to the marker protein and their use in a diagnostic method for type II diabetes and in drug development.

No. of Pages: 35 No. of Claims: 14

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CHIMERIC FIBROBLAST GROWTH FACTORS WITH ALTERED RECEPTOR SPECIFICITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N 15/09 :61/252074 :15/10/2009 :U.S.A. :PCT/US2010/052852 :15/10/2010 :WO 2011/047267 :NA :NA :NA	(71)Name of Applicant: 1)F. HOFFMANN-LA ROCHE AG Address of Applicant: GRENZACHERSTRASSE 124, CH- 4070 BASEL, SWITZERLAND Switzerland (72)Name of Inventor: 1)SONODA, JUNICHIRO
Filing Date	:NA	

(57) Abstract:

The present invention is directed to novel chimeric fibroblast growth factor (FGF) polypeptides, novel DNA encoding chimeric FGF polypeptides, and to the recombinant production of chimeric FGF polypeptides, and to methods, compositions and assays utilizing chimeric FGF polypeptides for the therapeutic treatment of metabolic-related disorders and other conditions, and for producing pharmaceutically active compositions including chimeric FGF polypeptides, the compositions having therapeutic and pharmacologic properties including those associated with the treatment of metabolic-related disorders and other conditions.

No. of Pages: 375 No. of Claims: 50

(21) Application No.3699/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD FOR PRODUCING A FIBER-REINFORCED EXTRUSION PROFILE AND FIBER-REINFORCED EXTRUSION PROFILE \bullet

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B23C :10 2009 051 058.3 :28/10/2009 :Germany :PCT/EP2010/006177 :09/10/2010 : NA :NA :NA	(71)Name of Applicant: 1)REHAU AG + CO Address of Applicant:Rheniumhaus 95111 Rehau Germany (72)Name of Inventor: 1)AHMAD AL-SHEYYAB 2)RALF SANDER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing a fiber-reinforced extrusion profile (1), wherein initially at least one strip-shaped fiber matrix semi-finished product (2) made of a plastic matrix, in which reinforcement fibers are integrated, is preheated (3) and said semi-finished product is then extruded (7) into a base plastic matrix (6).

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

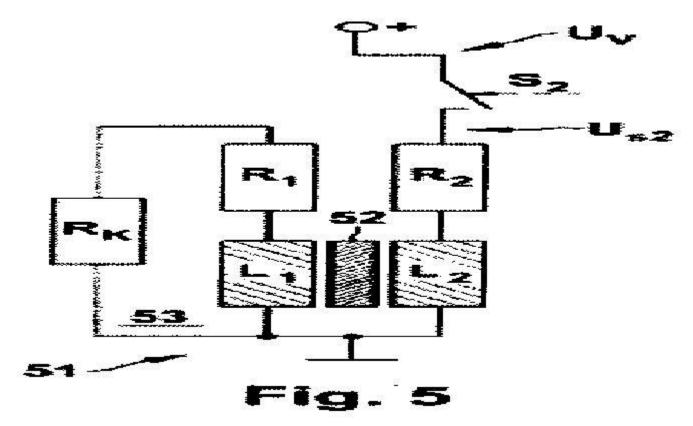
(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : ELECTRICAL COMPONENT AND METHOD FOR CONTROLLING AN ELECTRICAL COMPONENT

(51) International classification :H01H 47/32 (71)Name of Applicant: (31) Priority Document No :10 2010 000 887.7 1)ROBERT BOSCH GMBH (32) Priority Date Address of Applicant :POSTFACH 30 02 20, 70442 :14/01/2010 (33) Name of priority country STUTTGART, GERMANY Germany :Germany (86) International Application No :PCT/EP2011/050367 (72)Name of Inventor: Filing Date :13/01/2011 1)SCHUELER, HARALD (87) International Publication No :WO 2011/086113 2) HARTMANN, SVEN (61) Patent of Addition to Application 3)TUMBACK, STEFAN :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Described herein is an electrical component comprising a core (52), a first winding (L1, R1) disposed around the core, and a second winding (L2, R2) disposed around the core that is controlled using a switch (S2). In an embodiment, the first winding (L1, R1) is short-circuited via a quenching circuit (53,103, 133, 143) for quenching the inductive load of the second winding (L2, R2) when the second winding (L2, R2) is shut off.



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

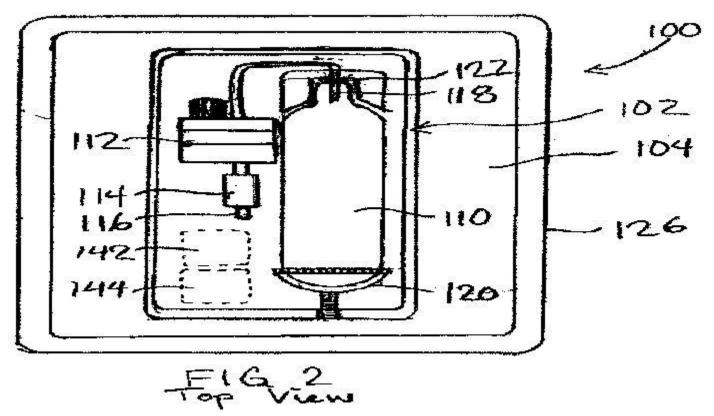
(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PORTABLE TOPICAL OXYGEN THERAPY SYSTEM

(51) International classification	:A61M 37/00	(71)Name of Applicant:
(31) Priority Document No	:61/279,624	1)BELSON AMIR
(32) Priority Date	:23/10/2009	Address of Applicant :LOS ALTOS, CA, UNITED STATES
(33) Name of priority country	:U.S.A.	OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/002832	2)LEARY JAMES, J.
Filing Date	:25/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/049633	1)BELSON AMIR
(61) Patent of Addition to Application	:NA	2)LEARY JAMES, J.
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a topical oxygen therapy system for treating chronic non-healing wounds. The system is configured to be extremely portable, allowing patients to be completely ambulatory during treatment. The topical oxygen therapy system includes an oxygen source and a wound dressing capsule. The oxygen source includes a miniature compressed oxygen cylinder and a miniature pressure regulator that delivers oxygen through an outlet tube to the interior of the wound dressing capsule. The oxygen source may be attached directly to or integrated into the wound dressing capsule. Alternatively, the oxygen source and wound dressing capsule may be separate modules connected by a flexible tube.



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

(21) Application No.3705/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING BI-1356 AND METFORMIN

(51) International classification	:A61K 31/155	(71)Name of Applicant :
· · ·	:09172117.5	
(31) Priority Document No		1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:02/10/2009	GMBH
(33) Name of priority country	:EUROPEAN	Address of Applicant :BINGER STR. 173, 55216
(33) Italie of priority country	UNION	INGELHEIM AM RHEIN, GERMANY Germany
(86) International Application No	:PCT/EP2010/064691	(72)Name of Inventor:
Filing Date	:01/10/2010	1)THOMAS MEINICKE
(87) International Publication No	:WO 2011/039367	
(61) Patent of Addition to Application		
Number	:NA	
- 101	:NA	
Filing Date	27.1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to therapeutic uses of pharmaceutical compositions or combinations of a DPP-4 inhibitor with metformin.

No. of Pages: 70 No. of Claims: 31

(21) Application No.3706/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: MULTIVALENT 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 	:0920127.8 :17/11/2009 :U.K. :PCT/GB2010/002120 :17/11/2010 :WO 2011/061492 :NA :NA	(71)Name of Applicant: 1)UCB PHARMA S.A. Address of Applicant: 60 ALLEE DE LA RECHERCHE B- 1070 BRUSSELS, BELGIUM Belgium (72)Name of Inventor: 1)DAVID PAUL HUMPHREYS 2)SAM PHILIP HEYWOOD 3)ALASTAIR DAVID GRIFFITHS LAWSON
(62) Divisional to Application Number Filing Date	:NA :NA	
_		

(57) Abstract:

A multivalent antibody fusion protein comprising: a heavy chain comprising, in sequence from the N-terminal, a variable domain nominally VH1, a CH1 region and a further variable domain nominally VH2, a light chain comprising, in sequence from the N-terminal, a variable domain nominally VL1, a CL domain and a variable domain nominally VL2, wherein said heavy and light chains are aligned to provide a first binding site formed by a first variable domain pair of VH1 and VL1 and a second binding site formed by a second variable domain pair of VR2 and VL2, wherein there is a disulfide bond between a variable domain pair forming a binding site, and said fusion protein is conjugated to a PEG polymer.

No. of Pages: 131 No. of Claims: 33

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR COOLING OPTICAL FIBER

(51) International classification	:C03B 37/027	(71)Name of Applicant:
(31) Priority Document No	:61/255,527	1)CORNING INCORPORATED
(32) Priority Date	:28/10/2009	Address of Applicant: 1 RIVERFRONT PLAZA, CORNING,
(33) Name of priority country	:U.S.A.	NEW YORK 14831, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/053997	(72)Name of Inventor:
Filing Date	:26/10/2010	1)GARY A CUMMINGS
(87) International Publication No	:WO 2011/056523	2)SAMIR KHANNA
(61) Patent of Addition to Application	:NA	3)DOUGLAS G NEILSON
Number	:NA	4)THOMAS A PEDERSEN
Filing Date	.IVA	5)DAVID MASSOUD RAHIMINEJAD
(62) Divisional to Application Number	:NA	6)BRUCE W. REDING
Filing Date	:NA	

(57) Abstract:

In one embodiment, an optical fiber cooling system includes a first cooling tube oriented substantially in parallel with and spaced apart from a second cooling tube such that an optical fiber pathway is positioned between the first cooling tube and the second cooling tube. The first cooling tube includes a plurality of cooling fluid outlets positioned along an axial length of the first cooling tube which are oriented to direct a flow of cooling fluid across the optical fiber pathway towards the second cooling tube. The second cooling tube includes a plurality of cooling fluid outlets positioned along an axial length of the second cooling tube which are oriented to direct a flow of cooling fluid across the optical fiber pathway towards the first cooling tube.

No. of Pages: 28 No. of Claims: 3

(21) Application No.4184/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

$(54) \ Title \ of \ the \ invention: ORAL \ COMPOSITIONS \ CONTAINING \ EXTRACTS \ OF \ ZINGIBER \ OFFICINALE \ AND \ RELATED \ METHODS$

 (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 	:A61Q 11/00 :61/266,685 :04/10/2009 :U.S.A. :PCT/US2010/058463 :01/12/2010 :WO 2011/068811 :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NEW YORK 10022, USA U.S.A. (72)Name of Inventor: 1)TRIVEDI HARSH MAHENDRA 2)GITTINS ELIZABETH KELLY
(62) Divisional to Application Number Filing Date	:NA :NA	
		·

(57) Abstract:

Described herein are compositions comprising a combination of extracts, and methods of preparing and using the same.

No. of Pages: 37 No. of Claims: 0

(21) Application No.4185/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : DISSOLVABLE FILMS CONTAINING HIGH CONCENTRATIONS OF NONIONIC SURFACTANTS SUCH AS POLYSORBATES TO ENHANCE HIGH SOLID LOADINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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/US2009/066727 :04/12/2009 :WO 2011/068513 :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NY 10022, U.S.A. U.S.A. (72)Name of Inventor: 1)MARTINETTI MELISSA 2)JABBAL RAJAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An oral care composition and method are described in which the composition includes a film or a plurality of film fragments entrained in a carrier. The film or plurality of film fragments comprises a relatively high concentration of nonionic surfactants. The composition and methods provide benefits including higher active material loading in the film formula for improved efficacy, and a reduced amount of film needed in a product, which at the same time delivering comparable or improved efficacy with lower loading of the film in the composition

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

(21) Application No.4187/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR WEB SERVICE HANDLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L 29/06 :0400593-0 :09/03/2004 :Sweden :PCT/SE2005/000298 :01/03/2005 :WO 2005/086458 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM(SE) Sweden (72)Name of Inventor: 1)SKOG, ROBERT
1 (41110-01		
(62) Divisional to Application Number Filed on	:5555/DELNP/2006 :25/09/2006	

(57) Abstract:

A method for web service handling in peer-to-peer communication is provided. A web service (412-1) associated with a web service identity e.g. a URI is arranged in a first mobile node (410). Unique identification information is formed by combining the web service identity with a unique circuit switched identifier of the mobile node, such as the E.164 number. The unique identification information is transmitted to a registration unit (440) and registered together with location information that enables for other mobile nodes (420) to find the web service. The location information may for example comprise the current IP address of the first mobile node and the port number for the web service at this node, or relate to an intermediate device used to reach the web service at the first mobile node.

No. of Pages: 24 No. of Claims: 11

(21) Application No.3716/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SLIDING BEARING

(51) International classification	:F16C 33/10	(71)Name of Applicant:
(31) Priority Document No	:2009-250984	1)TAIHO KOGYO CO., LTD.
(32) Priority Date	:30/10/2009	Address of Applicant :65, MIDORIGAOKA 3-CHOME,
(33) Name of priority country	:Japan	TOYOTA-SHI, AICHI 471-8502, JAPAN Japan
(86) International Application No	:PCT/JP2010/067363	(72)Name of Inventor:
Filing Date	:04/10/2010	1)MASARU KONDO
(87) International Publication No	:WO 2011/052345	2)KENJI WATANABE
(61) Patent of Addition to Application	:NA	3)YUKIYASU TAGUCHI
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sliding bearing 1 is formed into a cylindrical shape by placing abutting surfaces 11A and 12A of a pair of half-bearings 11 and 12 so as to abut against each other. Two foreign substance discharging grooves 5 and 5 inclined with respect to an axial direction of the sliding bearing 1 are formed on a sliding surface 3 adjacent to an inner circumferential edge 4 of the abutting surfaces 11A and 12A. When a lubricant is supplied to the sliding surface 3, a foreign substance 6 mixed in the lubricant is trapped by foreign substance discharging grooves 5 and 5 and then discharged out of the sliding bearing 1 from ends 5A and 5B (5A and 5B) open to end faces 7 and 8. It is thereby possible to provide the sliding bearing 1 with good foreign substance discharging characteristics.

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AN ANILINE COMPOUND REPRESENTED BY FORMULA (4)

(71)Name of Applicant: 1)MITSUI CHEMICALS, INC Address of Applicant: 5-2, HIGASHI-SHIMBASHI, 1-CHOME, MINATO-KU, TOKYO 105-7117, JAPAN Japan (51) International classification :C07C 271/28 (31) Priority Document No :2003-305816 (72) Name of Inventor: (32) Priority Date :29/08/2003 1)KEI YOSHIDA (33) Name of priority country :Japan 2)TAKEO WAKITA :PCT/JP2004/012416 (86) International Application No 3)HIROYUKI KATSUTA Filing Date :23/08/2004 4)AKIYOSHI KAI (87) International Publication No :WO 2005/021488 5)YUTAKA CHIBA (61) Patent of Addition to Application 6)KIYOSHI TAKAHASHI :NA Number 7)HIROKO KATO :NA Filing Date 8) NOBUYUKI KAWAHARA :896/DELNP/2006 (62) Divisional to Application Number 9)MICHIKAZU NOMURA Filed on :21/02/2006 10)HIDENORI DAIDO 11)JUNJI MAKI 12)SHINICHI BANBA 13)ATSUKO KAWAHARA

(57) Abstract:

An aniline compound represented by formula (4): wherein A1, A2, A3, and A4 independently represent a carbon atom, a nitrogen atom, or an oxidized nitrogen atom; R2 and R3 independently represent a hydrogen atom, a C1-C4 alkyl group, a C1-C4 alkylcarbonyl group, or a C1-C4 haloalkylcarbonyl group; G3 represents an oxygen atom or a sulfur atom; Xs may be the same or different and each represent a hydrogen atom, a halogen atom, a C1-C4 alkyl group, a C1-C4 haloalkyl group, a C1-C4 alkylsulfinyl group, a C1-C4 haloalkylsulfinyl group, a C1-C4 haloalkylsulfiny

No. of Pages: 260 No. of Claims: 1

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : ENHANCED PROCESS TO PRODUCE A THERMOFERTILISER FROM POTASSIUM-BEARING MINERALS

(51) International classification (31) Priority Document No	:C05D 1/04 :61/256,621	(71)Name of Applicant : 1)VALE S.A
(32) Priority Date	:30/10/2009	Address of Applicant : AVENIDA GRACA ARANHA, N° 26
(33) Name of priority country	:U.S.A.	CENTRO - RIO DE JANEIRO - RJ 20030-000 Brazil
(86) International Application No	:PCT/BR2010/000355	(72)Name of Inventor:
Filing Date	:28/10/2010	1)AILTON RODRIGUES, SEBASTIAO
(87) International Publication No	:WO 2011/050434	2)GOMES DA SILVA, RUBERLAN
 (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 proposes a simplified and enhanced process route to produce thermofertiliser obtained from potassium and phosphorous-bearing minerals where these elements can be or not in the citric acid or water insoluble forms. The process described also comprises the use of specific additives, at the beginning of the process or immediately before the beginning of the thermal treatment step, in order to increase the potassium and phosphorous contents in the product and the overall efficiency of the process and also to promote the production of a high quality thermofertiliser.

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

(21) Application No.4189/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 11/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention : POLYMERIZATION CATALYSTS AND PROCESS FOR PRODUCING BIMODAL POLYMERS IN A SINGLE REACTOR

(51) International classification:B01J 31/22(31) Priority Document No:11/208,077(32) Priority Date:15/09/2005(33) Name of priority country:U.S.A.

(86) International Application No :PCT/US2006/0325
Filing Date :18/08/2006
(87) International Publication No :WO 2007/037836

(87) International Publication No :WO 2007/037836 (61) Patent of Addition to Application

Number :NA
Filing Date :NA

(62) Divisional to Application Number :1960/DELNP/2008 Filed on :05/03/2008 (71)Name of Applicant:

1) CHEVRON PHILLIPS CHEMICAL COMPANY, LP Address of Applicant: 10001 SIX PINES DRIVE, THE

WOODLANDS, TX 77380, U.S.A. U.S.A.

:PCT/US2006/032542 (72)Name of Inventor :

1)JAYARATNE, KUMUNDINI, C.

2) JENSEN, MICHAEL, D.

3)YANG, QING

(57) Abstract:

Catalyst compositions comprising a first metallocene compound, a second metallocene compound, an activator-support, and an organoaluminum compound are provided. An improved method for preparing cyclopentadienyl complexes used to produce polyolefms is also provided.

No. of Pages: 82 No. of Claims: 16

(21) Application No.4190/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SUPERCOILED MINICIRCLE DNA FOR GENE THERAPY APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/10/2010 :WO 2011/047318 :NA :NA :NA	(71)Name of Applicant: 1)BAYLOR COLLEGE OF MEDICINE Address of Applicant: ONE BAYLOR PLAZA HOUSTON, TX 77030 (US) U.S.A. (72)Name of Inventor: 1)ZECHIEDRICH, E. LYNN 2)FOGG, JONATHAN 3)CATANESE, JR., DANIEL, JAMES 4)BAKKALBASI, EROL 5)GILBERT, BRIAN, E.
Filing Date	:NA	

(57) Abstract:

The present invention relates to nucleic acid molecule compositions comprising minivectors encoding a nucleic acid sequence and methods of gene therapy using minivectors encoding a nucleic acid sequence.

No. of Pages: 51 No. of Claims: 44

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MICROFLUIDIC ASSEMBLY

(51) International classification	:B01L 3/00	(71)Name of Applicant :
(31) Priority Document No	:61/265,186	1)CORNING INCORPORATED
(32) Priority Date	:30/11/2009	Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
(33) Name of priority country	:U.S.A.	NEW YORK 14831, USA U.S.A.
(86) International Application No	:PCT/US2010/057617	(72)Name of Inventor:
Filing Date	:22/11/2010	1)MARK STEPHEN FRISKE
(87) International Publication No	:WO 2011/066219	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4191/DELNP/2012 A

(57) Abstract:

Embodiments of a microfluidic assembly comprise at least two adjacent microstructure and a plurality of interconnecting fluid conduits which connect an outlet port of one microstructure to an inlet port of an adjacent microstructure. Each microstructure comprises an inlet flow path and an outlet flow path not aligned along a common axis. Moreover, the microfluidic assembly defines a microfluidic assembly axis along which respective inlet ports of adjacent microstructures are oriented or alternatively along which respective outlet ports of adjacent microstructures are oriented, and each microstructure is oriented relative to the microfluidic assembly axis at a nonorthogonal angle.

No. of Pages: 16 No. of Claims: 19

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: 'WATER GAS SHIFT REACTION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C01B 3/16 :0919385.5 :05/11/2009 :U.K. :PCT/GB2010/051730 :14/10/2010 :WO 2011/055132 :NA :NA	(71)Name of Applicant: 1)JOHNSON MATTHEY PLC Address of Applicant:5TH FLOOR, 25, FARRINGDON STREET LONDON EC4A 4AB, UNITED KINGDOM U.K. (72)Name of Inventor: 1)GRAHAM CHARLES HINTON 2)RICHARD IAN JOHNSTON 3)JOHN DAVID PACH 4)HSING-CHUAN YANG 5)IAN RICHARD BARTON
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(57) Abstract:

A process is described for increasing the hydrogen content of a synthesis gas comprising hydrogen and carbon oxides and having a carbon monoxide content \geq 45 mole% on a dry-gas basis, comprising the steps of (i) combining the synthesis gas with steam to form a steam-enriched feed gas mixture (ii) passing the feed gas mixture at an inlet temperature in the range 220 370°C over an iron-based water-gas shift catalyst to form a hydrogen-enriched shifted gas mixture having a carbon monoxide content \leq 10 mole% on a dry gas basis, and p) recovering the hydrogen-enriched shifted gas mixture, wherein a portion of the hydrogen-enriched shifted gas mixture is recycled to the feed gas mixture.

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

(22) Date of filing of Application :25/04/2012

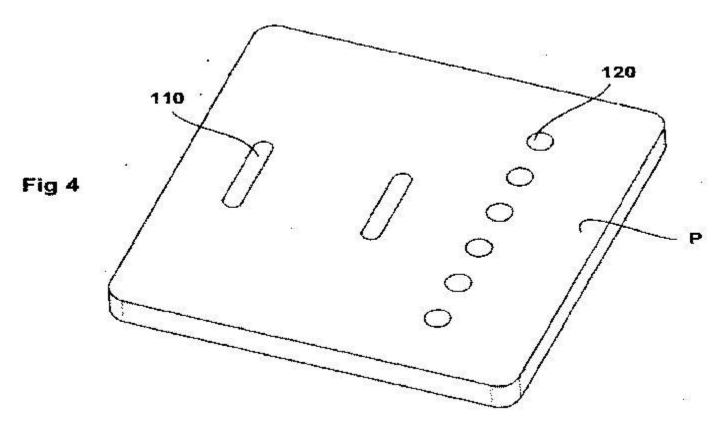
(43) Publication Date: 06/11/2015

(54) Title of the invention : SUPPORTING PLATE FOR A LASER SINTERING DEVICE AND ENHANCED SINTERING 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 	:29/10/2010 :WO 2011/054772 :NA :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN Address of Applicant: 12 COURS SABLON, 63000 CLERMONT-FERRAND, FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)DANIEL BONNET 2)ARKADIUSZ WASZKIECZ
Filing Date	:NA	

(57) Abstract:

Sintering device comprising a laser source, the light power of which is capable of selectively melting, successive layers of metal powders, and a reference plate (4) on which the first metal powder layer is deposited and which serves as a base for the construction of an object, characterized in that the said plate (4) comprises one or more recesses (41, 42), the shape of which is determined so as to make the said recesses capable of receiving inserts of a given shape.



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

(22) Date of filing of Application :27/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : IMPROVED SECONDARY REFLECTOR PANEL (SRP) WITH HEAT-TREATABLE COATING FOR CONCENTRATED SOLAR POWER APPLICATIONS, AND/OR METHODS OF MAKING THE SAME

(51) International classification	:F24J 2/10	(71)Name of Applicant:
(31) Priority Document No	:61/282,307	1)GUARDIAN INDUSTRIES CORP.
(32) Priority Date	:19/01/2010	Address of Applicant :2300 HARMON ROAD, AUBURN
(33) Name of priority country	:U.S.A.	HILLS, MI 48326-1714, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/003260	U.S.A.
Filing Date	:29/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/090469	1)LU, YIWEI
(61) Patent of Addition to Application	:NA	2)LINGLE, PHILIP
Number		3)MAIKOWSKI, DAVE
Filing Date	:NA	4)PRONE, DANIEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

Certain example embodiments relate to an improved secondary reflector panel with a heat-treatable coating. Certain example embodiments related to method of making a secondary reflector panel where a reflective coating is disposed onto a glass substrate. A portion of the reflective coating is removed and a frit material is disposed over the reflective coating. An elevated temperature is applied to the glass substrate, the coating, and the frit material where the frit is cured and the glass substrate is formed as desired.

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ETHYLENE CRACKING FURNACE WITH MULTIPASS RADIANT FURNACE TUBES

		(71)Name of Applicant:
(61) Patent of Addition to Application	1)CHINA PETROLEUM & CHEMICAL CORPORATION Address of Applicant :NO. 22 CHAOYANGMEN NORTH STREET, CHAOYANG DISTRICT, BEIJING 100728, P.R. CHINA China 2)SINOPEC ENGINEERING INCORPORATION 3)CHINA PETROLEUM & CHEMICAL CORPORATION BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY (72)Name of Inventor: 1)HE, XIOU	
* · ·		
•		2)SINOPEC ENGINEERING INCORPORATION
· /		INDUSTRY
(87) International Publication No	:WO 2011/050573	` '
(61) Patent of Addition to Application Number		2)LI, CHANGLI
Filing Date	:NA	3)ZHANG, ZHAOBIN 4)LU, JINGKUN
(62) Divisional to Application Number	:NA	5)YUAN, MUJUN
Filing Date	:NA	6)ZHOU, CONG
		7)GUO, YUPING 8)ZHAO, YONGHUA
		9)SHEN, HAINU

(57) Abstract:

The invention relates to an ethylene cracking furnace having a multi-pass radiant coil, comprising at least one radiant section. In the radiant section there are provided with bottom burners and/or sidewall burners, and at least one set of multi-pass radiant coil longitudinally arranged in the radiant section. The multi-pass radiant coil is a four- to ten-pass type radiant coil. At least one tube of the multi-pass radiant coil is arranged to be spatially adjacent to a tube which is not consecutive to said at least one tube. With this arrangement, the thermal radiation influence between tubes with high temperature can be reduced, so that the tubes with low temperature can absorb the radiation heat from the tubes with high temperature. Therefore, the surface temperature of the tubes with high temperature can be reduced, thus extending the lifetime of the radiant coil and the operational cycle of the cracking furnace.

No. of Pages: 43 No. of Claims: 16

(21) Application No.4192/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMBUSTION CHAMBER HAVING A VENTILATED SPARK PLUG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F23R 3/06 :0958121 :17/11/2009 :France :PCT/EP2010/067458 :15/11/2010 :WO 2011/061143 :NA :NA	(71)Name of Applicant: 1)SNECMA Address of Applicant:SOCIETE ANONYME, 2 BOULEVARD DU GENERAL MARTIAL VALIN, F-75015, FRANCE France (72)Name of Inventor: 1)JACQUES MARCEL ARTHUR BUNEL 2)MARIO CESAR DE SOUSA 3)GUILLAUME SEVI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a combustion chamber of a gas turbine engine including a wall, a well (172) secured to the wall, the well forming a recess for a spark plug (13) leading into the combustion chamber, a spark-plug guide (175) mounted on the well such as to be transversally mobile relative to the axis of the well, the spark-plug guide (175) including a cylindrical wall portion (178) for guiding and supporting the spark plug and a seal ring (176) mounted such as to engage slidably with a bearing surface (173) of the well (172). According to the invention, the combustion chamber is characterised in that the spark-plug guide (175) is provided with a cooling chamber (174a) having openings (174c) for supplying cooling air to said chamber (174a).

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROCESS FOR OLEFIN POLYMERIZATION

(51) International classification	:C08F 10/00	(71)Name of Applicant:
(31) Priority Document No	:09175891.2	1)BOREALIS AG
(32) Priority Date	:13/11/2009	Address of Applicant: WAGRAMER STRASSE 17-19, A-
(33) Name of priority country	:EUROPEAN	1220 VIENNA, AUSTRIA Austria
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/067268	1)AUMO, JEANNETTE
Filing Date	:11/11/2010	2)MATIKAINEN, PASI
(87) International Publication No	:WO 2011/058091	3)BARTKE, MICHAEL
(61) Patent of Addition to Application	:NA	4)ELOVIRTA, TOM
Number	:NA	5)VIJAY, SAMEER
Filing Date	.IVA	6)LYLYKANGAS, MIKKO
(62) Divisional to Application Number	:NA	7)ELO, PERTTI
Filing Date	:NA	8)HUHTANEN, LAURI

(57) Abstract:

The present invention aims to provide a process for polymerizing at least one olefin in the presence of a polymerization catalyst comprising the steps of: (A) continuously introducing a first liquid comprising a transition metal compound, an organometallic compound of a metal of Group 13 of Periodic System of Elements and a solvent, and a second liquid which together with said first liquid is capable of forming an emulsion, into an emulsification stage to produce an emulsion comprising said first liquid dispersed in said second liquid; (B) continuously withdrawing an emulsion stream from said emulsification stage and directing it into a solidification stage to form a slurry comprising a solid polymerization catalyst component comprising said transition metal compound and said organometallic compound suspended in said second liquid; (C) continuously recovering said solid polymerization catalyst component from said solidification stage; (D) directing said solid polymerization catalyst component into a first prepolymerization stage together with a monomer and an amount of second liquid wherein the monomer is prepolymerized onto said solid polymerization catalyst component so that the ratio of the weight of the polymer to the weight of said solid polymerization catalyst component is from 0.1:1 to 20:1 to form a slurry of a prepolymerized solid polymerization catalyst component suspended in said second liquid; (E) recovering said prepolymerized solid polymerization catalyst component from said first prepolymerization stage; (F) continuously introducing said prepolymerized solid polymerization catalyst component into a second prepolymerization stage together with an olefin monomer to form a prepolymerized catalyst comprising in average 100 to 1000 g of polymer per 1 gram of said solid polymerization catalyst component; (G) continuously withdrawing said prepolymerized catalyst from said second prepolymerization stage and directing it into a subsequent polymerization stage together with at least one olefin monomer to effect polymerization of the at least one olefin monomer in the presence of said prepolymerized catalyst. The polymerization process produces polymers in high yield. The morphology of the polymer powder is good and the amount of fine particle polymer is low. The process can be operated for long a long period in a stable manner.

No. of Pages: 37 No. of Claims: 11

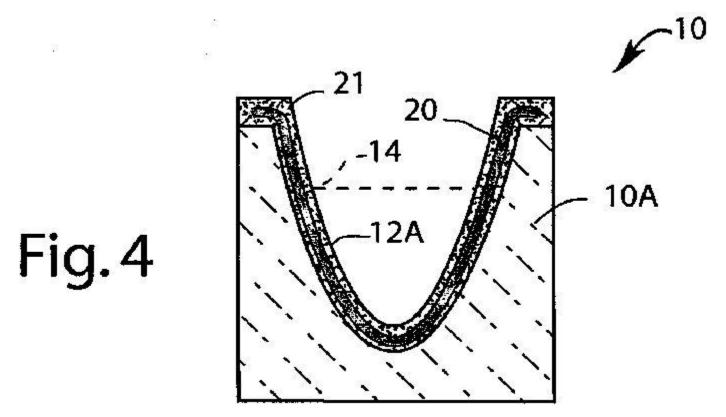
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD OF FORMING SEALED REFRACTORY JOINTS IN METAL-CONTAINMENT VESSELS, AND VESELS CONTAINING SEALED JOINTS

(31) Priority Document No :61 (32) Priority Date :10 (33) Name of priority country :U. (86) International Application No :PC Filing Date :08	1/283,886 0/12/2009 f.S.A. CT/CA2010/001939 8/12/2010 //O 2011/069252 fA	(71)Name of Applicant: 1)NOVELIS INC. Address of Applicant:191 EVANS AVENUE, TORONTO, ONTARIO M8Z 1J5, CANADA Canada (72)Name of Inventor: 1)BOORMAN, JAMES E. 2)REEVES, ERIC, W. 3)WAGSTAFF, ROBERT, BRUCE 4)WOMACK, RANDY
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(57) Abstract:

An exemplary embodiment of the invention provides a method of preparing a reinforced refractory joint between refractory sections of a vessel used for containing or conveying molten metal, e.g. a metal-contacting trough. The method involves introducing a mesh body made of metal wires into a gap between metal-contacting surfaces of adjacent refractory sections of a vessel so that the mesh body is positioned beneath the metal conveying surfaces, and covering the mesh body with a layer of moldable refractory material to seal the gap between the metal-contacting surfaces. Other embodiments relate to a vessel formed by the method and a vessel section with a pre-positioned mesh body suitable for preparing a sealed joint with other such sections.



No. of Pages: 25 No. of Claims: 34

(21) Application No.4204/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MOLTEN METAL-CONTAINING VESSEL AND METHODS OF PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F27D 1/14 :61/283,906 :10/12/2009 :U.S.A. :PCT/CA2010/001938 :08/12/2010 :WO 2011/069251 :NA :NA	(71)Name of Applicant: 1)NOVELIS INC. Address of Applicant:191 EVANS AVENUE, TORONTO, ONTARIO M8Z 1J5, CANADA Canada (72)Name of Inventor: 1)REEVES, ERIC, W. 2)BOORMAN, JAMES E. 3)BRUSKI, RICHARD SCOTT
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(57) Abstract:

Exemplary embodiments of the invention provide a vessel for containing or conveying molten metal therein. At least part of the outer surface of the vessel incorporates a web of metal wires embedded in the surface, the wires being mutually overlaid with openings formed therebetween. The refractory material penetrates into the openings. The web may comprise woven metal wires or non-woven wires or both. The web imparts resistance to cracking (or containment of cracks, once formed) and/or resistance to molten metal leakage if cracks develop. The invention also provides metal containment structures containing such vessels, and methods of producing the same.

No. of Pages: 22 No. of Claims: 26

(21) Application No.4075/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: DISPLAY DEVICE, IN PARTICULAR FOR A MOTOR 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 	:B60K 37/00 :10 2009 052 850.4 :11/11/2009 :Germany :PCT/EP2010/006708 :04/11/2010 :WO 2011/057736 :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant:915 E. 32ND STREET, HOLLAND, MI 49423, U.S.A. U.S.A. (72)Name of Inventor: 1)PATRICKALLIOT
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(57) Abstract:

The present invention relates to a display device, in particular for a motor vehicle, including: a head-down display module, and a head-up display module, the display module including an adjustment means such that the inclination of at least the head-up display module can be adjusted relative to an adjustment axis perpendicular to the normal looking direction.

No. of Pages: 13 No. of Claims: 9

(21) Application No.4076/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE FOR CONNECTING OPTICAL FIBRES

 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:19/10/2010 :WO 2011/048322 :NA :NA	Address of Applicant :PROMENADE DE L'ARVE, F-74300 THYEZ, FRANCE France (72)Name of Inventor : 1)STEPHANE DOIT 2)LAURENT LAGRANCE
11	:NA :NA	

(57) Abstract:

An optical fiber connection device mainly made up of two coupling elements shaped to be inserted in cavities of two connector housings. Each coupling element (11A, 11B) includes a fiber bar (14) having an optical fiber segment (16) passing axially therethrough, and each bar is situated at a predetermined distance from a lens (13) held stationary in the corresponding coupling element; the two coupling elements include conical engagement endpieces.

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

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: FRACTIONATION OF CHARGED POLYSACCHARIDE

:NA

:NA

:1099/DELNP/2007

:09/02/2007

(51) International classification :B01D 15/04 (31) Priority Document No :PCT/GB04/003511 (32) Priority Date :12/08/2004

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

(86) International Application No :PCT/GB2005/003149 Filing Date :12/08/2005 (87) International Publication No :WO 2006/016161

(61) Patent of Addition to Application

Number Filing Date

(62) Divisional to Application Number Filed on

1)LIPOXEN TECHNOLOGIES LIMITED

Address of Applicant :LONDON BIOSCIENCE INNOVATION CENTRE. 2 ROYAL COLLEGE STREET.

LONDON NW1 0NH, UNITED KINGDOM U.K.

(21) Application No.4208/DELNP/2012 A

(72) Name of Inventor: 1) JAIN, SANJAY

(71)Name of Applicant:

2)PAPAIOANNOU, IOANNIS

3)LAING, PETER

(57) Abstract:

Polydisperse and charged polysaccharides are fractionated into low polydispersity fractions [preferably having pd<1.1], each containing species within a narrow range of molecular weights. An aqueous solution of the polydisperse polysaccharides is contacted with an ion exchange resin in a column and the polysaccharides are subjected to selective elution by aqueous elution buffer. The selective elution consists of at least 3 sequential elution buffers having different and constant ionic strength and/or pH and in which the subsequent buffers have ionic strength and/or pH than those of the preceding step. The new preparations are particularly suitable for the production of PSA- derivatised therapeutic agents intended for use in humans and animals.

No. of Pages: 73 No. of Claims: 5

(21) Application No.4209/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: NEURAL INTERFACE 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 	:A61B 5/04 :61/252,345 :16/10/2009 :U.S.A. :PCT/US2010/044167 :02/08/2010 :WO 2011/046665 :NA :NA :NA	(71)Name of Applicant: 1)SAPIENS STEERING BRAIN STIMULATION B.V. Address of Applicant: HIGH TECH CAMPUS 48-1 NL-5656 AE EINDHOVEN, NETHERLANDS (NL) Netherlands (72)Name of Inventor: 1)ANDERSON, DAVID 2)VETTER, RIO, J. 3)HETKE, JAMILLE, F. 4)KIPKE, DARYL, R.
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(57) Abstract:

A neural interface system including an electrode array and a carrier that supports the electrode array, in which the electrode array includes a substrate rolled into a three- dimensional shape, a plurality of conductive traces patterned on the substrate and adapted to transmit electrical signals, and a plurality of elliptically shaped, externally facing electrode sites coupled to the plurality of conductive traces that electrically communicate with their surroundings. The plurality of electrodes are arranged in a triangular lattice circumferentially around and axially along the carrier, and the substrate includes an edge that extends axially along the carrier and is constrained between a first axial row portion of the plurality of electrode sites and a second axial row portion of the plurality of electrode sites adjacent to the first axial row portion.

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

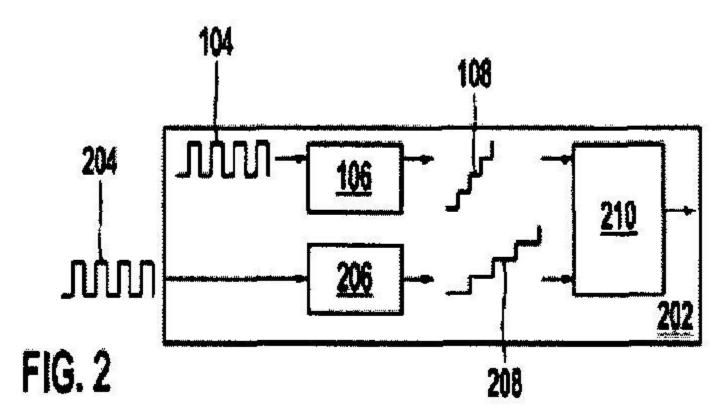
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR MONITORING A FERQUENCY SIGNAL

(51) International classification	:G01R 23/00	(71)Name of Applicant:
(31) Priority Document No	:10 2010 000962.8	1)ROBERT BOSCH GMBH
(32) Priority Date	:18/01/2010	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:PCT/EP2010/068307	(72)Name of Inventor:
Filing Date	:26/11/2010	1)BAUS, MICHAEL
(87) International Publication No	:WO 2011/085855	2)STEMMLER, MICHAEL
(61) Patent of Addition to Application NumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method (90) for monitoring a frequency signal (104), which is provided within a unit (102), is described. The method comprises receiving (91) one or more binary signal levels of a cycle signal (CLK) or a control signal (CS) from a communication interface (CLK, CS, MOSI, MISO); providing (92) the frequency signal (104) in the unit; comparing (93) the frequency signal (104) with a temporal sequence of the signal levels of the cycle signal (CLK) received by the communication interface to obtain a comparison result or to control a counter (106) by means of the control signal (CS) and the frequency signal (104) to obtain a counter status; and recognizing (94) a predetermined quality of the frequency signal (104) or monitoring counter status values by the recognized quality of the frequency signal (104).



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

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD IN WIRELESS NETWORK USING RELAYS

(51) International classification	:H04B 7/212	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SAAB AB
(32) Priority Date	:NA	Address of Applicant :S-581 88 LINKOPING, SWEDEN
(33) Name of priority country	:NA	Sweden
(86) International Application No	:PCT/SE2009/051277	(72)Name of Inventor:
Filing Date	:09/11/2009	1)BACKMAN, ANDERS
(87) International Publication No	:WO 2011/056112	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to nodes, network and method for communicating by means of radio in a network comprising nodes; in particular where the rate of information exchange is related to asymmetric capacity needs or hierarchic topologies. The invention addresses radio networking with broadcasting capability established by combining technologies for multiple access and radio networking. The invention describes a method for communicating in a network comprising nodes, the method comprising broadcasting from a centre node, transmitting from a first primary peripheral node, and transmitting from an intermediate node to the centre.

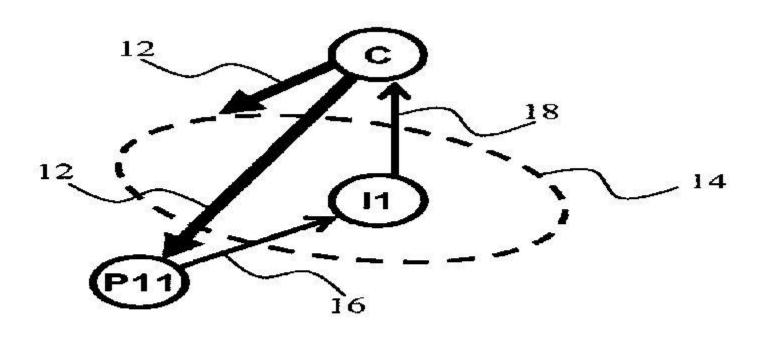


Fig. 1

No. of Pages: 42 No. of Claims: 21

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING VARIABLE SHELL THICKNESS IN CAST STRIP

(51) International classification	:B22D 11/06	(71)Name of Applicant :
(31) Priority Document No	:61/256,904	1)NUCOR CORPORATION
(32) Priority Date	:30/10/2009	Address of Applicant :1915 REXFORD ROAD,
(33) Name of priority country	:U.S.A.	CHARLOTTE, NORTH CAROLINA 28211, UNITED STATES
(86) International Application No	:PCT/AU2010/001447	OF AMERICA U.S.A.
Filing Date	:29/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/050417	1)MAHAPATRA, RAMA BALLAV
(61) Patent of Addition to Application	:NA	2)MCGAUGHEY, DAVID WAYNE
Number	:NA	3)ONDROVIC, JAY JON
Filing Date	.IVA	4)PATTERSON, TIM
(62) Divisional to Application Number	:NA	5)SCHUEREN, MIKE
Filing Date	:NA	

(57) Abstract:

Apparatus and method for continuously casting metal strip includes a pair of casting rolls having casting surfaces with a center portion, edge portions each having average surface roughness between (3) and (7) Ra, and intermediate portion between each edge portion and the center portion, the center portion average surface roughness between 1.2 and 4.0 times the edge portion surface roughness, and the intermediate portions average surface roughness between that of the edge and center portions. The surface roughness of the center portion is tapered across its width, and may be tapered across its width is in stepped zones. The center portion may have surface roughness varied across the surface to correspond to a desired variation in metal shell thickness across the cast strip. The center portion may be at least 60% of the casting roll width, and each edge portion may be up to 7% of the casting roll width.

No. of Pages: 59 No. of Claims: 43

(21) Application No.4070/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: STEERABLE PROBES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B 1/01 :0920938.8 :30/11/2009 :U.K. :PCT/GB2010/0051987 :30/11/2010 :WO 2011/064602 :NA :NA	(71)Name of Applicant: 1)IMPERIAL INNOVATIONS LIMITED Address of Applicant: 52 PRINCES GATE, SOUTH KENSINGTON, LONDON SW7 2PG, UNITED KINGDOM U.K. (72)Name of Inventor: 1)RODRIGUEZ Y BAENA FERDINANDO MARIA 2)FRASSON, LUCA
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A steerable probe comprises a body and drive means arranged to drive the probe through a sample. The body comprises at least three body sections extending parallel to each other along the probe and each movable relative to the others along the probe. The drive means is arranged to move each of the body sections in turn relative to the others thereby to drive the probe through the sample.

No. of Pages: 38 No. of Claims: 24

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ENHANCED MALARIA MSP-1 SUBUNIT VACCINE

(51) International classification	:C07K 14/00	(71)Name of Applicant:
(31) Priority Document No	:61/281,679	1)HAWAII BIOTECH, INC.
(32) Priority Date	:18/11/2009	Address of Applicant :99-193 AIEA HEIGHTS DR., STE 200,
(33) Name of priority country	:U.S.A.	AIEA, HI 96701, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/003017	2)UNIVERSITY OF HAWAII
Filing Date	:18/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/062637	1)CLEMENTS, DAVID, E.
(61) Patent of Addition to Application	:NA	2)PUSIC , KAE, MIRIAM
Number	:NA	3)HUI, GEORGE, S., N.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Recombinant subunit proteins derived from the MSP-1 C-terminal region of the parasite Plasmodium falciparum are described that have enhanced immunogenic properties. Selected regions of p33 have been combined with p19 to enhance the immunogenic potential of the p19 core region. As the constructs represent discontinuous segments fused to create unique proteins, the recombinant proteins expressed are not found in nature. The enhanced immunogenic potential of the disclosed recombinant proteins provided for strong, consistent and specific antibody responses. The disclosed recombinant subunit proteins are vaccine candidates for protection against infection with malaria.

No. of Pages: 44 No. of Claims: 10

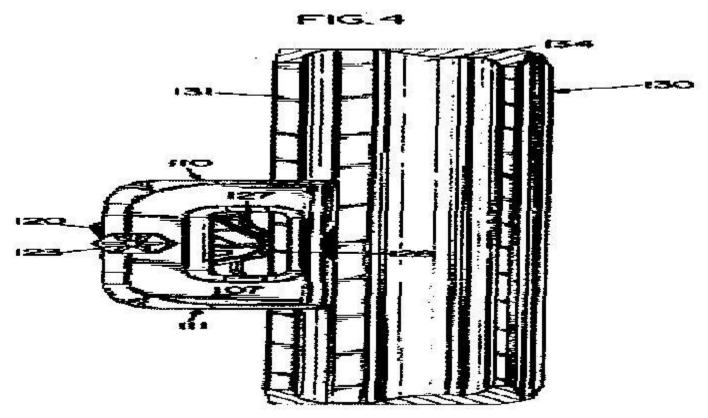
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FALL PROTECTION SAFETY DEVICE WITH A BRAKING 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	:61/289,550 :23/12/2009 :U.S.A.	(71)Name of Applicant: 1)D B INDUSTRIES, INC. Address of Applicant: 3833 SALA WAY, RED WING, MN 55066-5005, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BLOMBERG, JOHN, P.
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fall protection safety device including a braking mechanism comprises a first component, a second component configured and arranged to move relative to the first component, and at least one magnet operatively connected to one of the components and another of the components being at least partially made of a non-ferromagnetic and electrically conductive material. The at least one magnet and the non-ferromagnetic and electrically conductive material creating an electromagnetic field force when the second component moves at a rate greater than a predetermined rate relative to the first component.



No. of Pages: 24 No. of Claims: 20

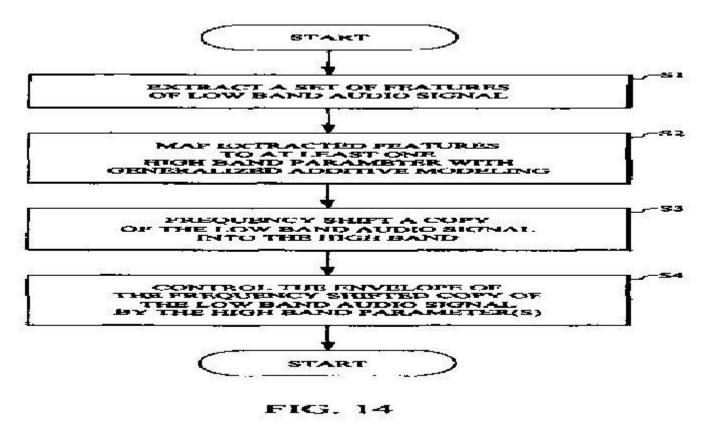
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BANDWIDTH EXTENSION OF A LOW BAND AUDIO SIGNAL

(51) International classification(31) Priority Document No(32) Priority Date	:G10L 21/02 :61/262,593 :19/11/2009	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No		(72)Name of Inventor:
Filing Date (87) International Publication No	:14/09/2010 :WO 2011/062538	1)GRANCHAROV, VOLODYA 2)BRUHN, STEFAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)POBLOTH, HARALD 4)POBLOTH, HARALD 5)SVERRISSON, SIGURDUR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Estimation of a high band extension of a low band audio signal includes the following steps: extracting (S1) a set of features of the low band audio signal; mapping (S2) extracted features to at least one high band parameter with generalized additive modeling; frequency shifting (S3) a copy of the low band audio signal into the high band; controlling (S4) the envelope of the frequency shifted copy of the low band audio signal by said at least one high band parameter



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

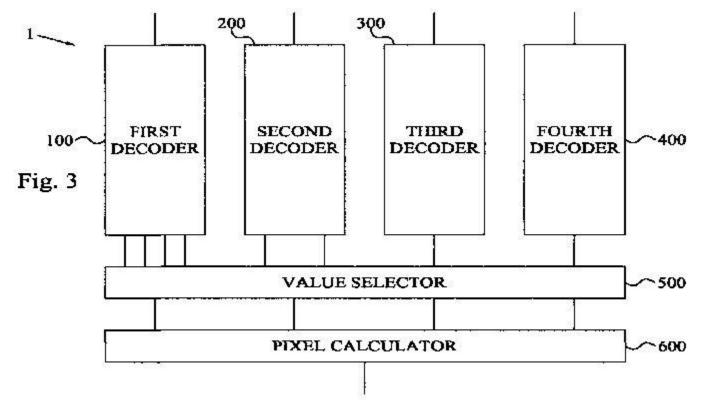
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DECODING SYSTEM AND METHOD OPERABLE ON ENCODED TEXTURE ELEMENT BLOCKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G06T 11/00 :61/263,922 :24/11/2009 :U.S.A. :PCT/SE2010/050217 :24/02/2010 :WO 2011/065886 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant:SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)STROM, JACOB
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A decoding system (1) comprises N different decoders (100, 200, 300, 400) each having a unique circuitry that is different from the circuitries of the other N-l decoders. The decoders (100, 200, 300, 400) each generate at least one texel value based on an input encoded texel block (40). A value selector (500) is configured to selectively output at least N texel values from at least one of the decoders (100, 200, 300, 400) based on the position of the at least N texels (30-36) relative a boundary of a texel block (10) comprising at least one of the at least N texels (30-36). A pixel calculator (600) calculates a pixel value of a decoded pixel based on the at least N selected texel values from the value selector (500).



No. of Pages: 44 No. of Claims: 17

(21) Application No.4222/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : A PISTON MEMBER, AN APPARATUS COMPRISING THE PISTON MEMBER, AND METHODS AND USE OF THE PISTON MEMBER AND THE APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F23K 3/00 :PA 2009 01123 :14/10/2009 :Denmark :PCT/DK2010/050267 :13/10/2010	(71)Name of Applicant: 1)TK ENERGI A/S Address of Applicant: VAERFTSVEJ 8, DK-4600 KOGE, DENMARK Denmark (72)Name of Inventor: 1)KOCH THOMAS
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:WO 2011/044911 :NA :NA :NA :NA	2)FRIEHLING PETER

(57) Abstract:

A piston member (1,1,1) comprising a piston rod (4) provided with a piston (3,3,3) serves for reciprocating inside a cylinder barrel (5,6,7,5,6,7,5,6,7), said piston (3,3,3) divides the cylinder barrel chamber (34a,34a,34a,34b,34b) into a proximal cylinder barrel chamber (34a, 34a, 34a) having a proximal capped end (35a,35a,35a) opposite the piston (3,3,3) and a distal cylinder barrel chamber (34b,34b,34b) having a distal cylinder barrel end (35b,35b,35b) opposite the piston (3,3,3). The piston member comprises at least one sealing ring (8,8,8) or seat arranged inside the distal cylinder barrel chamber (34b,34b,34b) at the distal cylinder barrel end (35b,35b,45). Preferably three consecutive piston members (1,1,1) are arranged to operate in a series in an apparatus for transporting coal powder to a gasifier. The movement of the pistons inside the cylinder barrels is controlled in relation to each other to transport apportioned batches of coal powder to a high pressure reactor.

No. of Pages: 40 No. of Claims: 22

(19) INDIA

(22) Date of filing of Application :14/05/2012

(21) Application No.4223/DELNP/2012 A

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHODS FOR PRODUCTION OF HIGH CONCENTRATION OF ARGININE BICARBONATE SOLUTION AT HIGH PRESSUE

(51) International classification :C07C 277/08
(31) Priority Document No :61/287,846
(32) Priority Date :18/12/2009
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2010/05999
Filing Date :13/12/2010

(87) International Publication No :WO 2011/075422

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

(71)Name of Applicant:

1)COLGATE-PALMOLIVE COMPANY

Address of Applicant :300 PARK AVENUE, NEW YORK,

:U.S.A. NY 10022, USA U.S.A. :PCT/US2010/059992 (72)**Name of Inventor :**

1)WU DONGHUI

(57) Abstract:

Methods of producing arginine bicarbonate solutions in very high concentrations including reacting an arginine slurry containing a first portion of arginine with a source of carbon dioxide gas at elevated pressure and temperature, adding subsequent portions of arginine to the resulting solution and further reacting with compressed carbon dioxide until a final solution containing in excess of 50% by weight are provided which include preparing an arginine solution by subjecting an arginine water slurry to elevated pressure and temperature and reacting the arginine solution with a source of carbon dioxide gas to form a solution comprising arginine and bicarbonate anion and recovering arginine bicarbonate from the solution.

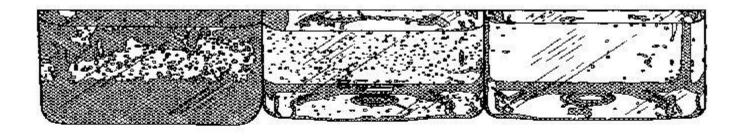


FIG. 1

No. of Pages: 19 No. of Claims: 18

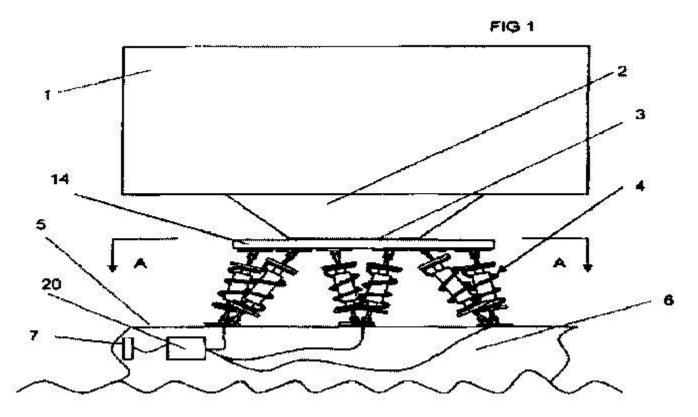
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SHOCK-ISOLATION 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 	:09014482.5 :20/11/2009 :EPO :PCT/EP2010/006492 :23/10/2010 :WO 2011/060868 :NA	(71)Name of Applicant: 1)EADS DEUTSCHLAND GMBH Address of Applicant: WILLY-MESSERSCHMITT-STRAE, 85521 OTTOBRUNN, GERMANY Germany (72)Name of Inventor: 1)MALCHEV, DELYAN 2)VEERKAMP, HERMANN-JOSEF
(61) Patent of Addition to Application		2)VEERKAMP, HERMANN-JOSEF
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a shock isolation structure for mounting a radar system (1) to a supporting surface (5) on board of a vessel, comprising a platform (14) on which the radar system (1) can be attached, six strut-like damping elements (4) operating in both tension and compression between the platform (14) and the supporting surface (5), wherein said damping elements (4) are oriented in a truss configuration with first ends of said damping elements (4) connected to said supporting surface (5) for universal movement and with second ends of said damping elements (4) connected to said platform (14) for universal movement, whereas each of said damping elements (4) comprises a magnetorheological or electrorheological fluid damper (12).



No. of Pages: 14 No. of Claims: 4

(21) Application No.4215/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : MODIFIED VARIABLE DOMAIN MOLECULES AND METHODS FOR PRODUCING AND USING SAME

(57) Abstract:

The present disclosure provides an isolated protein comprising an antibody heavy chain variable region (VH) comprising a negatively charged amino acid at position 28 and/or 31 and/or 32 and/or 35 according to the numbering system of Kabat, the protein capable of binding specifically to an antigen.

No. of Pages: 122 No. of Claims: 47

(21) Application No.4216/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: 'HEAT RECEIVER TUBE, METHOD FOR MANUFACTURING THE HEAT RECEIVER TUBE, PARABOLIC TROUGH COLLECTOR WITH THE RECEIVER TUBE AND USE OF THE PARABOLIC TUOUGH COLLECTOR'

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F24J 2/07 :61/265,494 :01/12/2009 :U.S.A. :PCT/EP2010/068653 :01/12/2010 :WO 2011/067294 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS CONCENTRATED SOLAR POWER LTD. Address of Applicant: 3 HA-HAC'SHARA 99107 BEIT SHEMESH (INDUSTRIAL AREA WEST), ISRAEL Israel (72)Name of Inventor: 1)BARKAI; MENASHE 2)EZER; RAIMI 3)LIPMAN; ELI
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(57) Abstract:

This invention relates a heat receiver tube for absorbing solar energy comprising at least one first partial surface, which is covered by a solar energy absorptive coating, and at least one second partial surface, which is substantially uncovered by the absorbing coating. Also provided is a parabolic trough collector comprising at least one parabolic mirror for concentrating sunlight in a focal line of the parabolic mirror and at least one heat receiver tube which is arranged in the focal line of the parabolic mirror, wherein the heat receiver tube is arranged in the focal line such that the first partial surface is at least partially located opposite to the sunlight reflecting surface and the second partial surface at least partially averted to the sunlight reflecting surface. The parabolic trough collector is used in a solar power plant for converting solar energy into electrical energy.

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

(21) Application No.5281/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DISPENSER FOR DISPENSING PAPER FROM CENTER-FEED TISSUE PAPER ROLLS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/12/2009 :WO 2011/072757 :NA :NA	(71)Name of Applicant: 1)SCA HYGIENE PRODUCTS AB Address of Applicant: 405 03 GOTEBORG, SWEDEN Sweden (72)Name of Inventor: 1)CECILIA NORDLUND
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention pertains to a dispenser (1) for dispensing paper from center-feed tissue paper rolls (20, 24), the dispenser having a housing with a receiving portion (3) for receiving two center-feed rolls, one of which is a full paper roll (20) and the other one an almost used-up paper roll (24) squeezed into the form of a sickel to make the dispenser less bulky, the two rolls dispense through separate openings (30, 32), which may be linked to a common dispensing nozzle (50) spaced apart from the openings.

No. of Pages: 24 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: 'BATTERY PACK

(51) International classification (71)Name of Applicant: :H01M 2/10 1)SONY CORPORATION (31) Priority Document No :2009-299187 (32) Priority Date :29/12/2009 Address of Applicant: 1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN Japan (33) Name of priority country :Japan :PCT/JP2010/007388 (72)Name of Inventor : (86) International Application No Filing Date :21/12/2010 1)SHOJI TATEHATA (87) International Publication No :WO 2011/080891 2)HIDEYUKI SUZUKI (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.5282/DELNP/2012 A

(57) Abstract:

To prevent elements in a pack main body and an electronic apparatus from malfunctioning even if the pack main body having an outer shape line-symmetric in up and down directions and left- and right-hand directions is incorrectly attached. [Solving Means] There are provided a pack main body 11 installing the battery cell 29 and a terminal portion 12 constituted of a plus terminal 12a, a minus terminal 12b, and a control terminal 12c that are provided on a front surface 11c of the pack main body 11. The plus terminal 12a, the minus terminal 12b, and the control terminal 12c are provided so as to be deviated to one end portion 11f in a width direction of the front surface 11c and arranged in an order of the plus terminal 12a, the control terminal 12c, and the minus terminal 12b. The sizes of the control terminal 12c, the plus terminal 12a, and the minus terminal 12b are increased in an order of the control terminal 12c, the plus terminal 12a, and the minus terminal 12b such that the control terminal 12c is formed to be the smallest. While being attachable to various electronic apparatuses, the pack main body can ensure a sufficient mechanical strength.

No. of Pages: 43 No. of Claims: 6

(21) Application No.3721/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: A BIFIDOBACTERIUM STRAIN

(51) International classification	:A61K 35/74	(71)Name of Applicant:
(31) Priority Document No	:12/616,752	1)ALIMENTARY HEALTH LIMITED
(32) Priority Date	:11/11/2009	Address of Applicant :2800 CORK AIRPORT BUSINESS
(33) Name of priority country	:U.S.A.	PARK, KINSALE ROAD, CORK IRELAND Ireland
(86) International Application No	:PCT/IE2010/000067	2)THE IAMS COMPANY
Filing Date	:11/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/058536	1)O'MAHONY, LIAM
(61) Patent of Addition to Application	:NA	2)KIELY, BARRY
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Bifidobacterium strain AH 121A is significantly immunomodulatory following oral consumption. The strain is useful as an immunomodulatory biotherapeutic agent.

No. of Pages: 68 No. of Claims: 25

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR TREATING ANIMAL DERIVED COLLAGEN FIBRE MATERIALS

		(71)Name of Applicant: 1)SHANGHAI MICROPORT MEDICAL (GROUP) CO.
(51) International classification	:A61L	LTD.
(31) Priority Document No	:201110327475.8	Address of Applicant :501 Newton Road Zhangjiang High
(32) Priority Date	:25/10/2011	tech Park Pudong New Area Shanghai 201203 China
(33) Name of priority country	:China	(72)Name of Inventor:
(86) International Application No	:PCT/CN2012/070482	1)CHEN Dakai
Filing Date	:17/01/2012	2)LI Yu
(87) International Publication No	:WO 2013/060103	3)FANG Yuan
(61) Patent of Addition to Application	:NA	4)TIAN Cong
Number	:NA	5)DONG Jiaoming
Filing Date	.1171	6)ZHOU Ling
(62) Divisional to Application Number	:NA	7)LIU Xiang
Filing Date	:NA	8)CHEN Guoming
		9)YUE Chengyun
		10)LUO Qiyi

(57) Abstract:

Provided is a method for treating animal derived collagen fibre materials. The method comprises treating the animal derived collagen fibre materials with a salt solution containing polyethylene glycol and an oxidant. After treatment by the method the animal derived collagen fibre materials are transplanted into a recipient after which no immune inflammatory response occurs.

No. of Pages: 17 No. of Claims: 9

(21) Application No.4196/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: USER EQUIPMENT, BASE STATION, COMMUNICATION CONTROL METHOD, AND RADIO COMMUNICATION SYSTEM

(51) International classification :H04W 36/30 (31) Priority Document No :2009-263004 (32) Priority Date :18/11/2009 (33) Name of priority country :Japan (86) International Application No Filing Date :09/11/2010 (87) International Publication No :WO 2011/061903 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:
1)SONY CORPORATION
Address of Applicant: 1.7.1 KONAN M.

Address of Applicant :1-7-1 KONAN, MINATO-KU,

TOKYO 108-0075, JAPAN Japan

:PCT/JP2010/006561 (72)Name of Inventor : :09/11/2010 1)RYO SAWAI

2)HIROAKI TAKANO

(57) Abstract:

A user equipment includes radio communication unit that performs radio communication with a base station over a communication channel formed by aggregating a plurality of component carriers. The user equipment has a measurement unit that measures a channel quality of the communication channel, and a controller that creates a measurement report using a result of the measurement and sends the measurement report to the base station. Each data signal transmitted over the communication channel is classified into any of two or more classes depending on a QoS requirement thereof. The radio communication unit receives control information related to a mapping between each of the plurality of component carriers and the class of each data signal from the base station, and the controller controls at least one of the measurement and the sending of the measurement report, according to a procedure which varies depending on the control information. A base station performs associated functions, according to a communication method involving allocation of data to component carriers based at least in part on channel quality criteria for different data classifications.

No. of Pages: 63 No. of Claims: 22

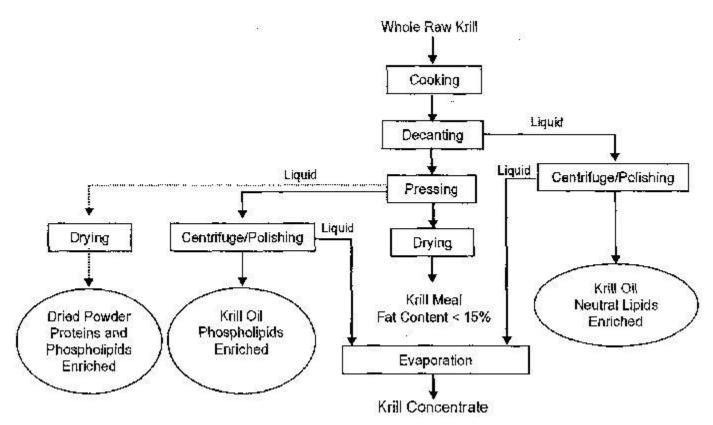
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : SOLVENT-FREE PROCESS FOR OBTAINING PHOSPHOLIPIDS AND NEUTRAL ENRICHED KRILL OILS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A23D 9/007 :NA :NA :NA :PCT/IB2009/007269 :30/10/2009 :WO 2011/051743	(71)Name of Applicant: 1)THAROS LTD. Address of Applicant: ONOFRE JARPA 10107, 7860084 LA REINA SANTIAGO, CHILE Chile (72)Name of Inventor: 1)DIMITRI SCLABOS KATEV AS 2)RAUL R. TORO GUERRA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2011/051743 :NA :NA :NA :NA	2)RAUL R. TORO GUERRA 3)MARIO M. CHIONG LAY

(57) Abstract:

The invention discloses a new solvent-free process for obtaining phospholipids and neutral lipids enriched krill oils containing DHA and EPA poly-unsaturated fatty acids and astaxanthin. The process includes cooking fresh krill at high temperature without agitation and or grinding; decanting the cooked krill for obtaining a partial de-fatted and de-watered solid and a liquid; squeezing the obtained solid to obtain a press liquid and a solid fraction; centrifuging the press liquid to obtain the phospholipids enriched krill oil; centrifuging of the decanter liquid obtained to obtain the neutral lipid enriched krill oil and stickwater.



No. of Pages: 40 No. of Claims: 27

(21) Application No.5992/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: A METHOD AND APPARATUS FOR SECURE ENTERPRISE COLLABORATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:09/02/2012 :WO 2013/118108 :NA :NA :NA	(71)Name of Applicant: 1)VARONIS SYSTEMS LTD. Address of Applicant: 11 Galgalei HaPlada Street 46722 Herzliya Israel (72)Name of Inventor: 1)FAITELSON Yakov 2)KORKUS Ohad
Filing Date	:NA	

(57) Abstract:

The present disclosure generally relates to remotely accessing a storage and more specifically to remotely accessing storage of an organization. Contemporarily remote access to servers is known such as via the internet. For example remote login or via VPN (virtual private network) or remote desktop access. Generally such access methods are oblivious of housekeeping such as audit trail of the servers.

No. of Pages: 31 No. of Claims: 16

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: POLYCYCLIC DERIVATIVES PREPARATION METHOD AND MEDICAL USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D407/12 :201210008286.9 :12/01/2012 :China :PCT/CN2012/087606 :27/12/2012 :WO 2013/104257 :NA :NA	(71)Name of Applicant: 1)JIANGSU HENGRUI MEDICINE CO. LTD. Address of Applicant: No.7 Kunlunshan Road Economic and Technological Development Zone Lianyungang Jiangsu 222047 China 2)SHANGHAI HENGRUI PHARMACEUTICAL CO. LTD. (72)Name of Inventor: 1)YANG Fanglong 2)DONG Qing 3)HAN Jihui 4)WANG Chunfei 5)ZHANG Ling 6)WANG Yang
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(57) Abstract:

Disclosed in the present invention are polycyclic derivatives as represented by general formula (I) the preparation method thereof pharmaceutical compositions containing the derivatives and uses thereof as therapeutical agents especially the GPR40 agonist and in preparation of drugs for treating diseases like diabetes and metabolic disorders etc. wherein each substituent in the general formula (I) has the same definition as in the description.

No. of Pages: 82 No. of Claims: 26

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : PHOTOVOLTAIC DEVICES WITH DEPLETED HETEROJUNCTION AND SHELL PASSIVATED NANOPARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09K 11/66 :61/321,450 :06/04/2010 :U.S.A. :PCT/US2011/030074 :25/03/2011 :WO 2011/126778 :NA :NA	(71)Name of Applicant: 1)THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO Address of Applicant: 27 KING'S COLLEGE CIRCLE, TORONTO, OUTRIO MSS LA1, CANADA Canada (72)Name of Inventor: 1)TANG, JIANG 2)PATTANTYUS-ABRAHAM, ANDRAS 3)KRAMER, ILLAN 4)BARKHOUSE, AARON 5)DEBNATH, RATAN 6)SARGENT, DEWARD H. 7)GERASIMOS, KONGTANTATOS
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(57) Abstract:

Photovoltaic cells are fabricated in which the compositions of the light-absorbing layer and the electron-accepting layer are selected such that at least one side of the junction between these two layers is substantially depleted of charge carriers, i.e., both free electrons and free holes, in the absence of solar illumination. In further aspects of the invention, the light-absorbing layer is comprised of dual-shell passivated quantum dots, each having a quantum dot core with surface anions, an inner shell containing cations to passivate the core surface anions, and an outer shell to passivate the inner shell anions and anions on the core surface.

No. of Pages: 27 No. of Claims: 54

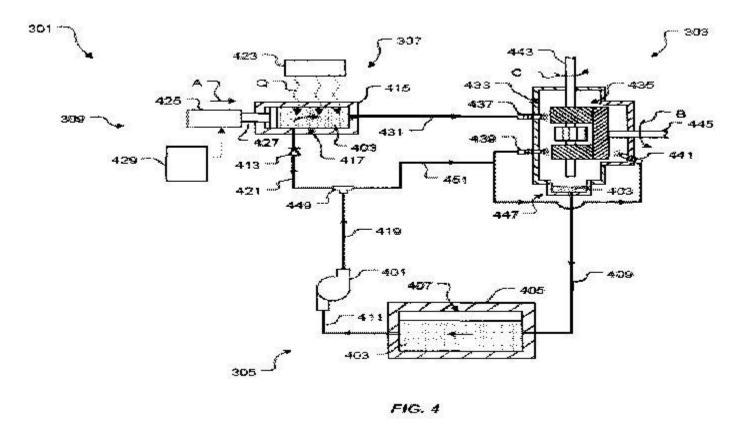
(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: EMERGENCY SUBSYSTEM FOR A FLUID 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 	:A61M :PCT/US2009/064510 :16/11/2009 :PCT :PCT/US2009/064510 :16/11/2009 :WO 2011/059450	(71)Name of Applicant: 1)BELL HELICOPTER TEXTRON INC. Address of Applicant: P.O. BOX 482, FORT WORTH, TX 76101, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)POSTER, SCOTT
(86) International Application No	:PCT/US2009/064510	(72)Name of Inventor:
Filing Date	:16/11/2009	1)POSTER, SCOTT
(87) International Publication No	:WO 2011/059450	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fluid system includes an emergency subsystem and a main subsystem in fluid communication with a working element. The main subsystem is in fluid communication with the emergency subsystem. The system operates in a standard mode and an emergency mode. During standard mode, both the main and emergency subsystems jointly provide fluid to the working element. During emergency mode, the emergency subsystem is configured for independently providing fluid to the working element.



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

(21) Application No.5989/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: NON ORIENTED MAGNETIC STEEL SHEET AND METHOD FOR MANUFACTURING 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 	:C22C38/02 :1020110145305 :28/12/2011 :Republic of Korea :PCT/KR2012/011732 :28/12/2012 :WO 2013/100698 :NA :NA :NA	(71)Name of Applicant: 1)POSCO Address of Applicant:(Goedong dong) 6261 Donghaean ro Nam gu Pohang si Gyeongsangbuk do 790 300 Republic of Korea (72)Name of Inventor: 1)PARK Junesoo 2)BAE Byung Keun 3)KIM Yong Soo 4)SIN Su Yong
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(57) Abstract:

A non oriented magnetic steel sheet and a method for manufacturing the same are disclosed. A non oriented magnetic steel sheet according to the present invention comprises 0.00~5 wt% or less of C 1.04.0~ wt% of Si 0.10.8~ wt% of Al 0.010.1~ wt% of Mn 0.020.3~ wt% of P 0.005~ wt% or less of N 0.0010.005~ wt% of S 0.005~ wt% or less of Ti 0.010.2~ wt% of at least one of Sn and Sb and the remaining amount of Fe and other unintentionally doped impurities wherein Mn Al P and S satisfy the equation $0.8=\{[Mn]/(100[S])+[Al]\}/[P]=40~$ (wherein [Mn] [Al] [P] and [S] denote wt% of Mn Al P and S respectively).

No. of Pages: 39 No. of Claims: 10

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 06/11/2015

:15/07/2008

(54) Title of the invention : A METHOD FOR MAKING A CATALYST FOR THE HYDRODESULFURIZATION (HDS) OF NAPHTHA •

:B01J31/04 (71)Name of Applicant: (51) International classification (31) Priority Document No 1)EXXONMOBIL RESEARCH AND ENGINEERING :60/759,433 (32) Priority Date :17/01/2006 **COMPANY** (33) Name of priority country Address of Applicant: 1545 Route 22 East, P.O. Box 900, :U.S.A. (86) International Application No :PCT/US2007/001063 Annandale, New Jersey 08801-0900, United States of America, Filing Date :16/01/2007 (87) International Publication No : NA (72) Name of Inventor: (61) Patent of Addition to Application 1)SVEN JOHAN TIMMER :NA Number 2)JASON WU :NA Filing Date (62) Divisional to Application Number :6162/DELNP/2008

(57) Abstract:

Filed on

A METHOD FOR MAKING A CATALYST FOR THE HYDRODESULFURIZATION (HDS) OF NAPHTHA • A method for making a catalyst for the hydrodesulfurisation (HDS) of naphtha, the method comprising: (i) impregnating a silica support that has a silica content of at least about 85 wt.%, based on silica, and has a pore volume between about 0.6 cc/g and about 2.0 cc/g, and median pore sizes in the range of about 150... to 2000... with (a) an aqueous solution of a cobalt salt and (b) an aqueous solution of a molybdenum salt to form a first catalyst precursor; (ii) drying the first catalyst precursor at a temperature of less than about 350°C to form a-first dried catalyst precursor; (iii) impregnating the dried catalyst precursor with (c) at least one organic additive, the organic additive comprising at least one compound selected from the group consisting of compounds comprising at least two hydroxyl groups and 2-20 carbon atoms, and the (poly)ethers of these compounds, to form a second catalyst precursor; (iv) optionally drying the second catalyst precursor to form a second dried catalyst precursor; and (v) optionally sulfiding the second catalyst precursor, provided that the second dried catalyst precursor or catalyst is not calcined prior to sulfiding or use for HDS.

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

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE AND METHOD FOR CONTROLLING AN EXHAUST GAS SENSOR

(51) International classification :G01N 27/406 (71)Name of Applicant: (31) Priority Document No 1) CONTINENTAL AUTOMOTIVE GMBH :10 2009 050 224.6 (32) Priority Date :22/10/2009 Address of Applicant: VAHRENWALDER STRAE 9, 30165 (33) Name of priority country HANNOVER, GERMANY Germany :Germany :PCT/EP2010/065760 (72)Name of Inventor : (86) International Application No Filing Date :20/10/2010 1)BARNIKOW; STEFAN (87) International Publication No :WO 2011/048121 2)WAGNER; EKKEHART-PETER (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a device for controlling an exhaust gas sensor alternatively designed as a limiting-current probe (10) or as a two-cell probe (20), each of which comprises a reference cavity made of a ceramic material and a cell made of a material conducting oxygen ions. The device of the invention comprises a controller, one input variable of which is a measured sensor voltage (Vs) that is dependent on an oxygen concentration in the sealed cell, and the other input variable of which is a reference voltage. The output variable of the controller is a current (Ip) which is to be applied to the cell and which allows the sensor voltage (Vs) to be regulated to a predefined value. The device for controlling the limiting-current probe (10) is designed to process the applied current in one of the input variables of the controller (36).

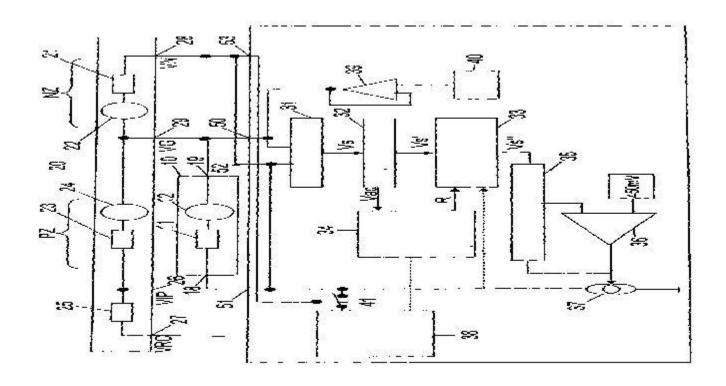


FIG: 1

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: IMPROVED EXCITATION SIGNAL BANDWIDTH EXTENSION

(51) International classification (31) Priority Document No	:G10L 21/02 :61/262,717	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date(33) Name of priority country	:19/11/2009 :U.S.A.	Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden
(86) International Application No Filing Date	:PCT/SE2010/050772 :05/07/2010	(72)Name of Inventor: 1)SVERRISSON, SIGURDUR
(87) International Publication No(61) Patent of Addition to Application	:WO 2011/062536	2)BRUHN, STEFAN 3)GRANCHAROV, VOLODYA
Number Filing Date	:NA :NA	S)GRANCHAROV, VOLODIA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for generating a high band extension of a low band excitation signal (eLB) defined by parameters representing a CELP encoded audio signal includes the following elements: upsamplers (20) configured to upsample a low band fixed codebook vector (UFCB) and a low band adaptive codebook vector (UACB) to a predetermined sampling frequency. A frequency shift estimator (22) configured to determine a modulation frequency (Ω) from an estimated measure representing a fundamental frequency (F0) of the audio signal. A modulator (24) configured to modulate the upsampled low band adaptive codebook vector (UACB \uparrow) with the determined modulation frequency to form a frequency shifted adaptive codebook vector. A compression factor estimator (28) configured to estimate a compression factor. A compressor (34) configured to attenuate the frequency shifted adaptive codebook vector and the upsampled fixed codebook vector (UFCB \uparrow -) based on the estimated compression factor. A combiner (40) configured to form a high-pass filtered sum of the attenuated frequency shifted adaptive codebook vector and the attenuated upsampled fixed codebook vector.

No. of Pages: 39 No. of Claims: 22

(21) Application No.4219/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BLADES FOR SHAVING RAZORS

(51) International classification	:B26B 21/22	(71)Name of Applicant:
(31) Priority Document No	:61/262,324	1)THE GILLETTE COMPANY
(32) Priority Date	:18/11/2009	Address of Applicant :WORLD SHAVING
(33) Name of priority country	:U.S.A.	HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT-3E,
(86) International Application No	:PCT/US2010/055227	ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127,
Filing Date	:03/11/2010	U.S.A. U.S.A.
(87) International Publication No	:WO 2011/062760	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)WAIN, KEVIN JAMES
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A shaving cartridge (12) with a housing (16) having a guard (24) and a cap (26) that define a shaving plane (PI) tangential thereto. The housing has first blade (18) with a base portion (40) mounted to the housing and a bent portion (42) slanted toward the shaving plane. The base portion is within 25 degrees of being parallel to the shaving plane and the bent portion has an angle relative to the base portion of about 5 degrees to about 25 degrees.

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

(21) Application No.6011/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: APPARATUSES AND METHODS FOR BONDING SUBSTRATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:21/02/2013 :WO 2013/126480 :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)SCHNEIDER Uwe 2)ORDWAY David Carlton
- 10	:NA :NA :NA	

(57) Abstract:

A method of joining web portions includes advancing web portions onto a rotating drum such that the web portions overlap at an overlap area as the web portions wrap around the drum. The web portions each have a melting temperature. A fluid is heated to a temperature sufficient to at least partially melt the web portions. A fluid nozzle retracts from an aperture in the drum and a jet of the heated fluid is directed from a fluid nozzle onto the web portions at the overlap area. The heated fluid penetrates at least partially melts the web portions. The web portions are at least partially melted using the heated fluid. A press member shifts through the aperture in the drum to compress the web portions between the pressure member and an anvil roll to join the web portions together at the overlap area.

No. of Pages: 55 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

:NA

(54) Title of the invention: HAIR COSMETIC

(51) International classification (71)Name of Applicant: :A61K 8/73 1)KAO CORPORATION (31) Priority Document No :2009-258955 (32) Priority Date Address of Applicant: 14-10 NIHONBASHI-KAYABACHO :12/11/2009 (33) Name of priority country 1-CHOME, CHUO-KU, TOKYO 1038210, JAPAN Japan :Japan (86) International Application No :PCT/JP2010/070211 (72)Name of Inventor : :12/11/2010 1)YASUHIRO DOI Filing Date (87) International Publication No :WO 2011/059063 2)HIROYUKI TERAZAKI (61) Patent of Addition to Application 3)MASANORI TAKAI :NA Number 4)HIROMOTO MIZUSHIMA :NA 5)YASHIHIRO HASEBE Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

The present invention relates to a hair cosmetic composition including a surfactant and a cationized hydroxypropyl cellulose, wherein the cationized hydroxypropyl cellulose contains a main chain derived from an anhydroglucose represented by the following general formula (l) and has a cationized ethyleneoxy group substitution degree of from 0.01 to 2.5 and a propyleneoxy group substitution degree of from 0.1 to 2.8, wherein R1, R2 and R3 are each independently a substituent group including a cationized ethyleneoxy group and a propyleneoxy group; and n represents an average polymerization degree of the anhydroglucose and is a number of from 50 to 5000. The hair cosmetic composition of the present invention exhibits a less stickiness after use and is capable of imparting excellent run fingers through hair, coating feel and manageability to hair.

(21) Application No.4153/DELNP/2012 A

No. of Pages: 93 No. of Claims: 10

(21) Application No.4154/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMPRESION FORMED TRIM PANEL WITH AUDIO 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 	:B60J 10/00 :61/260,247 :11/11/2009 :U.S.A. :PCT/US2010/056373 :11/11/2010 :WO 2011/060163 :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant: 915 EAST 32ND STREET, HOLLAND, MI 49423, U.S.A. U.S.A. (72)Name of Inventor: 1)BEN EDWARD SAPAK 2)ROBERT L. HAMELINK 3)ANDY RUITTER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A compression-formed trim panel for use in a vehicle. The trim panel includes a cover element, an attachment element, and a transducer audio output device. The attachment element includes a first end, an opposed second end, an inner surface, and an outer surface. The cover element includes a first end, an opposed second end, an inner surface, and an outer surface. The cover element is overlaid on the attachment element and secured thereto such that the cover element inner surface is adjacent the attachment element outer surface. The transducer audio output device is secured to the trim panel such that the trim panel acts as a soundboard.

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

(12) TATENT ALTEICATION TOBLICATION

(22) Date of filing of Application :11/05/2012

(21) Application No.4155/DELNP/2012 A

(43) Publication Date: 06/11/2015

(54) Title of the invention: IRIS RETRACTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61B 17/02 :61/257,087 :02/11/2009 :U.S.A. :PCT/US2010/055026 :02/11/2010 :WO 2011/053945 :NA :NA	(71)Name of Applicant: 1)APX OPHTHALMOLOGY LTD. Address of Applicant:25 YEFE NOF STREET, 34371 HAIFA, ISRAEL Israel (72)Name of Inventor: 1)EHUD ASSIA 2)ELIAHU ELIACHAR 3)NIR LILACH
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

An iris retractor (10, 30, 50, 150, 170, 190, 200) including a plurality of hooks (12, 32, 52, 152, 172, 192, 202) disposed or formed at a distal end of slender elements (14, 34, 54, 154, 174, 194, 204), and a proximal handle (20, 40, 60, 176, 196, 206) at a proximal end of the slender elements (14, 34, 54, 154, 174, 194, 204), the slender elements (14, 34, 54, 154, 174, 194, 204) resiliently moving between retracted and expanded positions by manipulation of the slender elements, wherein in the re—tracted position, the hooks (12, 32, 52, 152, 172, 192, 202) are close to one another and the slender elements (14, 34, 54, 154, 174, 194, 204) are close to one another, and wherein in the expanded position, the hooks are separate and spaced apart from each other and distal portions of the slender elements are separate and spaced apart from each other.

No. of Pages: 38 No. of Claims: 14

(21) Application No.6091/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/07/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention : COLLECTION AND ANALYSIS OF A VOLUME OF EXHALED GAS WITH COMPENSATION FOR THE FREQUENCY OF A BREATHING PARAMETER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B5/00 :61/578811 :21/12/2011 :U.S.A. :PCT/US2012/071085 :20/12/2012 :WO 2013/096695 :NA :NA	(71)Name of Applicant: 1)CAPNIA INC. Address of Applicant: 2445 Faber Place Suite 250 Palo Alto CA 94303 U.S.A. (72)Name of Inventor: 1)WONDKA Anthony D. 2)BHATNAGAR Anish
Number		
Filing Date	:NA	

(57) Abstract:

Apparatuses are described to accurately determine a gas concentration of a sample of a patient s breath. The apparatuses may include a sample compartment a breath speed analyzer a gas analyzer and a processor. The sample compartment includes an inlet that receives the breath. The breath speed analyzer determines the speed of a portion of the breath. The gas analyzer determines a gas concentration. The processor includes an algorithm that determines a degree of non homogeneity of the sample based on the speed and a corrected gas concentration based on the degree of non homogeneity. In some variations the gas correction is determined independently of patient cooperation. Apparatuses may be tuned based on the intended population s expected breathing pattern ranges such that the sample compartment is filled with a homogenous end tidal gas sample regardless of an individual s breathing pattern. These apparatuses are useful for example for end tidal CO analysis. Methods are also described.

No. of Pages: 74 No. of Claims: 40

(21) Application No.4138/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FUNGICIDAL 2-(BICYCLIC ARYLOXY)CARBOXAMIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C 235/08 :61/289,000 :22/12/2009 :U.S.A. :PCT/US2010/061765 :22/12/2010 :WO 2011/087837 :NA :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 MARKET STREET, WILMINGTON, DELAWARE 19898 U.S.A. U.S.A. (72)Name of Inventor: 1)CREWS JR. ALVIN DONALD 2)DING AMY X. 3)TSENG CHI-PING
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(57) Abstract:

Disclosed are compounds of Formula 1, N-oxides, and salts thereof, wherein Q is O or S; Z1 and Z2 are each independently CR9 or N; and R1, R2, R3, R4, R5, R6, R7, R8 and R9 are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula 1 and methods for controlling plant disease caused by a fungal pathogen comprising applying an effective amount of a compound or a composition of the invention.

No. of Pages: 97 No. of Claims: 10

(21) Application No.4139/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : VON WILLEBRAND FACTOR (VMF)-CONTAINING PREPARATIONS, AND METHODS, KITS AND USES RELATED THERETO

(32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date (33) Name of priority country (20) Summer of Address of Applicant :4101 RESEARCH COMMONS, 79 T.W. ALEXANDER DRIVE, RESEARCH TRIANGLE PARK, NORTH CAROLINA 27709, U.S.A. U.S.A. (72) Name of Inventor: (72) Name of Inventor: (73) Name of Inventor: (74) Name of Inventor: (75) Name of Inventor: (76) Divisional to Application Number (77) Name of Inventor: (78) Name of Inventor: (79) Name of Inventor: (7	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/US2010/056496 :12/11/2010 :WO 2011/060242 :NA :NA	NORTH CAROLINA 27709, U.S.A. U.S.A. (72)Name of Inventor:
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(57) Abstract:

The present invention relates to methods, compositions and kits for preparing FVIII and employing same. Also provided are vWF polypeptides and nucleic acid molecules encoding same.

No. of Pages: 231 No. of Claims: 25

(21) Application No.4140/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMBINATIONS OF NICOTINIC ACETYLCHOLINE ALPHA 7 RECEPTOR AGONISTS

(51) International classification	:A61K 31/46	(71)Name of Applicant :
· /	.A01K 31/40	
(31) Priority Document No	:0424564.3	1)NOVARTIS AG
(32) Priority Date	:05/11/2004	Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL
(33) Name of priority country	:U.K.	SWITZERLAND. Switzerland
(86) International Application No	:PCT/EP2005/011787	(72)Name of Inventor:
Filing Date	:03/11/2005	1)KALKMAN HANS O.
(87) International Publication No	:WO 2006/048294	2)NOZULAK JOACHIM
(61) Patent of Addition to Application	:NA	3)VASSOUT ANNICK
Number	:NA	4)HURTH KONSTANZE
Filing Date	.NA	5)FEUERBACH DOMINIK
(62) Divisional to Application Number	:2707/DELNP/2007	6)GENTSCH CONRAD
Filed on	:03/11/2005	7)BILBE GRAEME

(57) Abstract:

Combinations which comprise at least one nicotinic acetylcholine alpha 7 receptor agonist and at least one compound selected from the group consisting of (a) conventional antipsychotics (b) atypical antipsychotics (c) cognition, attention and/or memory enhancers (d) and to use of these combinations in the treatment of psychiatric disorders.

No. of Pages: 26 No. of Claims: 14

(21) Application No.4141/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: VIBRATION ISOLATING RUBBER COMPOSITION AND VIBRATION ISOLATING RUBBER

(31) Priority Document No:2009(32) Priority Date:18/1(33) Name of priority country:Japa(86) International Application No:PCTFiling Date:15/1	Г/JP2010/070278 11/2010
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(57) Abstract:

Disclosed are a vibration isolating rubber composition that balances a low dynamic-to-static modulus with high durability, and a vibration isolating rubber that is formed by curing said rubber composition. The vibration isolating rubber composition is characterized by including a diene rubber, and a carbon black and a silica as fillers, and in that the mixing ratio of the carbon black (a) and the silica (b) is (a)/(b) = 80/20 to 20/80 (weight ratio).

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

(21) Application No.4602/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELECTRONIC APPARATUS

(51) International classification	:G06K9/00	(71)Name of Applicant:
(31) Priority Document No	:2012075124	1)KYOCERA CORPORATION
(32) Priority Date	:28/03/2012	Address of Applicant :6 Takeda Tobadono cho Fushimi ku
(33) Name of priority country	:Japan	Kyoto shi Kyoto 6128501 Japan
(86) International Application No	:PCT/JP2013/002088	(72)Name of Inventor:
Filing Date	:27/03/2013	1)HORII Seiji
(87) International Publication No	:WO 2013/145738	2)INAGAKI Tomohiro
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention transmits to a user an air conducted sound and a human body vibration sound (for example a bone conducted sound) without a vibrating body itself being set against an ear. This electronic apparatus (1) has a panel (10) a casing (60) that holds the panel (10) and a piezoelectric element (30) attached to the panel (10). The panel (10) deforms due to the deformation of the piezoelectric element (30) and transmits air conducted sound and human body vibration sound to a subject contacting the deforming panel (10).

No. of Pages: 23 No. of Claims: 13

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: REINFORCED LIGHTWEIGHT TYRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60C15/06,B60C3/04 :1251279 :10/02/2012 :France :PCT/EP2013/052575 :08/02/2013 :WO 2013/117711 :NA :NA :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 Cours Sablon F 63000 Clermont Ferrand France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)FERIGO Herv
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(57) Abstract:

Tyre with a maximum axial width SW and axial width RW at the beads comprising a crown reinforcement of width TW and a radial carcass reinforcement in which tyre when it is fitted onto its mounting rim and inflated to its service pressure and equilibrium the following conditions are satisfied: TW/SW = 75% TW/RW = 85% and X/SH = 50% where X is the radial height at which the tyre has its maximum axial width and SH denotes the radial height of the tyre; Y/SH = 80% where Y is the radial height of the carcass reinforcement at the end of the crown reinforcement; and Z/SH = 90% where Z denotes the radial height of the carcass reinforcement wherein the absolute value of the angle a between the tangent to the carcass reinforcement at the points on the carcass reinforcement having the same axial positions as the axial ends of the crown reinforcement and the axial direction is less than or equal to 22° and wherein each of the sidewalls comprises at least two crossed reinforcing members.

No. of Pages: 25 No. of Claims: 9

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A PROCESS FOR CLEANING A TRANSPORT BELT FOR MANUFACTURING A PAPER WEB

(51) T	D21F1/22	
(51) International classification	:D21F1/32	(71)Name of Applicant:
(31) Priority Document No	:61/622622	1)GEORGIA PACIFIC CONSUMER PRODUCTS LP
(32) Priority Date	:11/04/2012	Address of Applicant :133 Peachtree Street N.E. Atlanta
(33) Name of priority country	:U.S.A.	Georgia 30303 U.S.A.
(86) International Application No	:PCT/US2013/033216	(72)Name of Inventor:
Filing Date	:21/03/2013	1)HUNTER Mark S.
(87) International Publication No	:WO 2013/154802	2)BAUMGARTNER Dean J.
(61) Patent of Addition to Application	:NA	3)RAINES David Drew
Number	:NA	4)KENNEDY Theodore D.
Filing Date	.IVA	5)VELDHUIZEN David S.
(62) Divisional to Application Number	:NA	6)BUSCH Glenn W.
Filing Date	:NA	7)EDBAUER Mitchell S.

(57) Abstract:

The disclosure relates to a continuous cleaning method for cleaning a moving fabric in a paper machine. The method uses one or more cleaning stages. In one embodiment one cleaning stage applies steam to heat and soften contaminants on the fabric followed by the application of water preferably superheated water to remove the contaminants. Another cleaning stage may apply hot water steam and/or superheated water via an encapsulated shower and evacuation chamber making it possible to clean the width of the fabric without substantial rewet.

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

(21) Application No.6237/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: CEILING TILE

(51) International classification	:B28B5/02	(71)Name of Applicant:
(31) Priority Document No	:13/371005	1)TOWER IPCO COMPANY LIMITED
(32) Priority Date	:10/02/2012	Address of Applicant :28 32 UPPER PEMBROKE STREET
(33) Name of priority country	:U.S.A.	DUBLIN 2 Ireland
(86) International Application No	:PCT/IE2012/000030	(72)Name of Inventor:
Filing Date	:19/06/2012	1)STONE Norman
(87) International Publication No	:WO 2013/118106	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The ceiling tile in one embodiment of the invention is a laminate of a rigid core layer such as gypsum having one surface covered by a display layer of plastic sheet material. An opposite surface of the core layer is covered by a layer of light reflective material. The design layer has a design surface that is viewable when the tile is installed in a ceiling and the light reflective layer has an exposed light reflective surface. Both the design layer and the light reflective layer form leak tight seals on the opposite surfaces of the rigid core layer. The entire peripheral edge of the tile laminate and marginal portions of the design surface and light reflective surface are covered by a plastic leak tight tape that forms a gas tight seal at the peripheral edge of the tile laminate.

No. of Pages: 16 No. of Claims: 19

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR THE DYNAMIC LOAD MANAGEMENT OF RESOURCES IN A CLOUD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L29/08 :10 2012 206 177.0 :16/04/2012 :Germany :PCT/EP2013/055632 :19/03/2013 :WO 2013/156239 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 M ¹ / ₄ nchen Germany (72)Name of Inventor: 1)HOHENSTEIN Uwe 2)J,,GER Michael 3)SCHWANENGEL Anna Sophie
Number		3)SCHWANENGEL Anna Sopme

(57) Abstract:

The invention relates to a method for the dynamic load management of computational capacities in a cloud comprising the steps of: determining (S1) a currently available computational capacity of the cloud (20) a currently required computational load of the cloud (20) and an expected computational load of the cloud (20); calculating (S2) a load threshold value for a connectible computational capacity for the cloud (20) as a function of the available computational capacity the currently required computational load and the expected computational load and calculating a load parameter corresponding to an achieved data processing performance of the cloud (20); and requesting (S3) the connectible computational capacity for the cloud (20) on the basis of the calculated load threshold value and the load parameter of the cloud (20) in order to dynamically manage the load of the computational capacities in the cloud (20).

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

(21) Application No.6239/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PRODUCING SCYLLO INOSITOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/01/2013 :WO 2013/115012 :NA :NA	(71)Name of Applicant: 1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant: 1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor: 1)KONISHI Kazunobu 2)IMAZU Shinichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

[Problem] To provide a method for industrially producing a scyllo inositol in a one step process from ubiquitous and inexpensive raw materials such as glucose or similar. Furthermore to provide a new scyllo inositol derivative obtained by means of said method. [Solution] Scyllo inositol is produced by one step fermentation of glucose by a transformed microorganism containing an inositol 1 phosphate synthase gene an inositol mono phosphatase gene a myo inositol dehydrogenase gene and a scyllo inositol dehydrogenase gene. Also provided is a scyllo inositol derivative bonded to saccharides such as glucose and similar obtained by said fermentation.

No. of Pages: 73 No. of Claims: 18

(22) Date of filing of Application :26/04/2012

(43) Publication Date: 06/11/2015

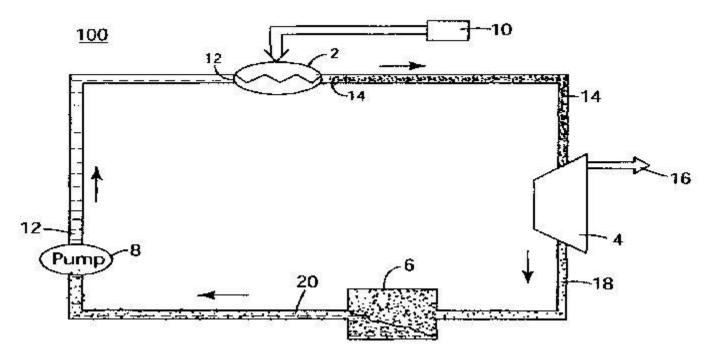
(54) Title of the invention : HEAT EXCHANGER FOR DIRECT EVAPORATION IN ORGANIC RANKINE CYCLE SYSTEMS AND METHOD

 (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 	:C07C :12/609,348 :30/10/2009 :U.S.A. :PCT/EP2010/066282 :27/10/2010 :WO 2011/051353	(71)Name of Applicant: 1)NUOVO PIGNONE S.P.A. Address of Applicant: VIA FELICE MATTEUCCI, 2, I-50127 FLORENCE, ITALY Italy (72)Name of Inventor: 1)LEHAR MATTHEW 2)FREY THOMAS
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)AST GABOR 4)FREUND SEBASTIAN 5)AUMANN RICHARD

(57) Abstract:

Systems and methods include heat exchangers using Organic Rankine Cycle (ORC) fluids in power generation systems. The system includes a heat exchanger configured to be mounted inside an exhaust stack that guides hot flue gases and having an inlet and an outlet, the heat exchanger being configured to receive a liquid stream of a first fluid through the inlet and to generate a vapor stream of the first fluid and the heat exchanger is configured to include a double walled pipe, where the first fluid is disposed within an inner wall of the double walled pipe and a second fluid is disposed between the inner wall and an outer wall of the double walled pipe.

Figure 1



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

(21) Application No.4160/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012

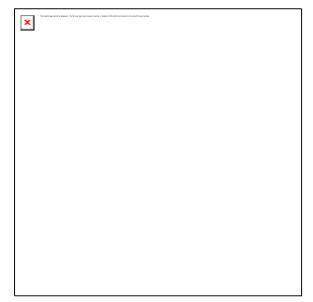
(43) Publication Date: 06/11/2015

(54) Title of the invention : MICROBIAL ENGINEERING FOR THE PRODUCTION OF CHEMICAL AND PHARMACEUTICAL PRODUCTS FROM THE ISOPRENOID PATHWAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P 23/00 :61/280,877 :10/11/2009 :U.S.A. :PCT/US2010/056206 :10/11/2010 :WO 2011/060057 :NA :NA :NA	(71)Name of Applicant: 1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY Address of Applicant:77 MASSACHUSETTS AVENUE, CAMBRIDGE, MA 02139, USA U.S.A. 2)NATIONAL UNIVERSITY OF SINGAPORE (72)Name of Inventor: 1)AJIKUMAR PARAYIL, K. 2)STEPHANOPOULOS, GREGORY 3)PHON, TOO HENG
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(57) Abstract:

The invention relates to recombinant expression of a taxadiene synthase enzyme and a geranylgeranyl diphosphate synthase (GGPPS) enzyme in cells and the production of terpenoids.



No. of Pages: 118 No. of Claims: 99

(21) Application No.4161/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHODS AND APPARATUS FOR USE IN A COMMUNICATIONS NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W 64/00 :NA :NA :NA :PCT/EP2009/067463 :17/12/2009 :WO 2011/072747 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)OLSSON, MAGNUS 2)HALL, GORAN 3)HALLENSTAL. MAGNUS 4)KELLER, RALF 5)LINDHOLM, FREDRIK
(61) Patent of Addition to Application Number	:NA	3)HALLENSTAL. MAGNUS 4)KELLER, RALF
(62) Divisional to Application Number Filing Date	:NA :NA	5)LINDHOLM, FREDRIK

(57) Abstract:

According to a first aspect of the present invention there is provided a method of operating a mobility management node to provide location and/or status information for a user terminal connected to an Evolved Packet Core network. The method comprises receiving a request for location and/or status information for the user terminal from a subscriber register, determining the location and/or status information for the user terminal, and sending a response to the subscriber register including the determined location and/or status information.

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

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: HERBICIDE TOLERANT COTTON EVENT PDAB4468.19.10.3

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N15/29, :61/589594 :23/01/2012 :U.S.A. :PCT/US2013/022663 :23/01/2013 :WO 2013/112527 :NA :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant:9330 Zionsville Rd. Indianapolis Indiana 46268 U.S.A. (72)Name of Inventor: 1)CUI Yunxing C. 2)KING Raina 3)KAISER Tina M. 4)ROBINSON Andrew E. 5)PAREDDY Dayakar 6)TOLEDO Sandra G. 7)BRAXTON Leon B. 8)ANDERSON David M.
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(57) Abstract:

Cotton event pDAB4468.19.10.3 comprises genes encoding AAD 12 and PAT affording herbicide tolerance to cotton crops containing the event and enabling methods for crop protection.

No. of Pages: 84 No. of Claims: 21

(22) Date of filing of Application :24/07/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : INFINITELY VARIABLE TRANSMISSIONS CONTINUOUSLY VARIABLE TRANSMISSIONS METHODS ASSEMBLIES SUBASSEMBLIES AND COMPONENTS THEREFOR

(57) Abstract:

Inventive embodiments are directed to components subassemblies systems and/or methods for infinitely variable transmissions (IVT). In one embodiment a control system is adapted to facilitate a change in operating mode of an IVT. In another embodiment a control system includes a drive clutch coupled to a source of rotational power; the drive clutch is configured to selectively engage a traction ring and a carrier of the IVT. The control system includes a one way clutch assembly configured to selectively engage the traction ring and the carrier. In some embodiments the control system governs the actuation of the one way clutch to selectively lock and unlock components of the IVT. In some embodiments the control system implements an IVT mode wherein the carrier selectively couples to a source of rotational power.

No. of Pages: 52 No. of Claims: 36

(21) Application No.6249/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: LED LAMP AND LIGHTING DEVICE INCLUDING LED LAMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F21Y101/02 :NA :NA :NA :PCT/JP2012/059731 :09/04/2012 :WO 2013/153612 :NA :NA :NA	(71)Name of Applicant: 1)M SYSTEM CO. LTD. Address of Applicant:14 26 Hannan cho 4 chome Abeno ku Osaka shi Osaka 5450021 Japan (72)Name of Inventor: 1)MIYAMICHI Saburo
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(57) Abstract:

An LED lamp according to an embodiment of the present invention wherein a PWM control unit (25) performs PWM control of a current (i) flowing through an LED light emitting unit (24) by pulse drive at a frequency higher than a predetermined frequency when the frequency of an external alternating current inputted between an input terminal portion (20a) and an input terminal portion (20b) is lower than the predetermined frequency and does not perform the PWM control of the current (i) flowing through the LED light emitting unit (24) when the frequency of the external alternating current is higher than the predetermined frequency. Consequently if the LED lamp is replaced with a fluorescent lamp heretofore mounted even when a ballast of a lighting device is a glow starter type rapid start type or inverter type lighting system the LED light emitting unit is pulse driven at a high frequency and lighted for illumination.

No. of Pages: 56 No. of Claims: 7

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: LIQUID JET APPARATUS AND METHODS FOR DENTAL TREATMENTS

(51) International classification	:A61C 5/02	(71)Name of Applicant:
(31) Priority Document No	:61/261,293	1)SONENDO, INC.
(32) Priority Date	:13/11/2009	Address of Applicant :26051 MERIT CIRCLE, SUITE 102,
(33) Name of priority country	:U.S.A.	LAGUNA HILLS, CA 92653, USA U.S.A.
(86) International Application No	:PCT/US2010/056620	(72)Name of Inventor:
Filing Date	:12/11/2010	1)BERGHEIM, BJARNE
(87) International Publication No	:WO 2011/060327	2)GHARIB, MORTEZA
(61) Patent of Addition to Application	:NA	3)KHAKPOUR, MEHRZAD
Number	:NA	4)PHAM, MICHELE
Filing Date		5)TEBBS, RICHARD, S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods for using a liquid jet apparatus for dental treatments are disclosed. In one implementation, the liquid jet apparatus may include a handpiece configured to deliver a high velocity liquid jet to a desired location in the mouth of a patient. The handpiece may include a positioning member having a channel through or along which the jet can propagate. The positioning member may have a distal end portion configured to be at least partially disposed in a pulp cavity, canal space, or opening in the tooth under treatment. During operation, the jet may impact an impingement surface of the distal end portion of the positioning member and be deflected as a spray through one or more openings in the distal end portion. The liquid jet apparatus may be used for root canal treatments.

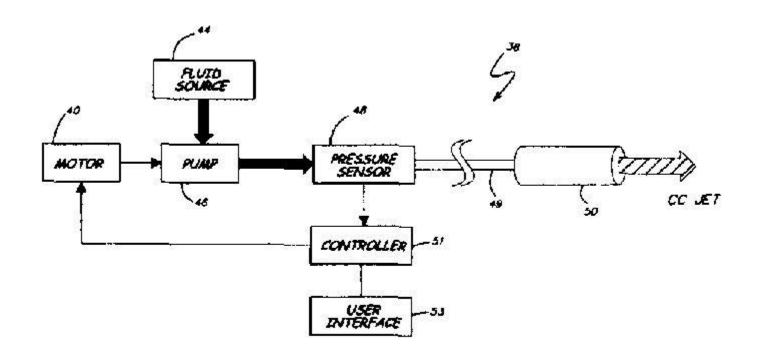


FIG. 2

No. of Pages: 74 No. of Claims: 50

(21) Application No.4548/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : USE OF A ZINC OXIDE CONTAINING FRIT AS A UV PROTECTION MEANS AND PVC PLASTIC HAVING SUCH A FRIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/11/2012 :WO 2013/083439 :NA :NA	(71)Name of Applicant: 1)LEY & CO. FARBENWERKE WUNSIEDEL KG Address of Applicant: Goethestr. 58 95615 Marktredwitz Brand Germany (72)Name of Inventor: 1)NRNBERGER Michael
Filing Date	:NA	

(57) Abstract:

The invention relates to the use of a zinc oxide containing frit having a ZnO content of 20 to 75% by weight and an average grain size of less than 30 μ m as a UV light absorbing UV protection means for e.g. applications in thermoplastically deformable plastics solvent and water containing and radiation curing paints powder paints paper coatings and hydraulically bound construction products.

No. of Pages: 19 No. of Claims: 18

(21) Application No.6020/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SOLID STATE IMAGE PICKUP DEVICE AND ELECTRONIC CAMERA

(31) Priority Document No (32) Priority Date	:G02B7/34,G02B7/28,G03B13/36 :2012005270 :13/01/2012 :Japan :PCT/JP2013/000012 :08/01/2013	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant:12 1Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan (72)Name of Inventor: 1)MURATA Hironobu
Filing Date (87) International Publication No	:WO 2013/105481	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This solid state image pickup device is characterized in having: a second image pickup element which is configured of an organic photoelectric film that passes through specific light; and a first image pickup element which is disposed by being laminated on a same semiconductor substrate having the second image pickup element disposed thereon and which receives the specific light that has passed through the second image pickup element. The solid state image pickup device is also characterized in that the second image pickup element or the first image pickup element is provided with a pixel for detecting a focal point. Consequently an AF system can be independently provided from a pixel for image pickup.

No. of Pages: 39 No. of Claims: 9

(21) Application No.6023/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: ENGINE UNIT AND WORKING VEHICLE

(51) International classification :F01N3/24,B60K13/04,E02F9/00 (71) Name of Applicant:

(31) Priority Document No :2012151163 (32) Priority Date :05/07/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/063365

:14/05/2013 Filing Date

(87) International Publication No:WO 2014/006977

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)KOMATSU LTD.

Address of Applicant :2 3 6 Akasaka Minato ku Tokyo

1078414 Japan

(72) Name of Inventor:

1)KOBAYASHI Tsuvoshi 2)TSUTSUMI Katsuhiro 3)MIYAMOTO Hirofumi

(57) Abstract:

Two sets of assemblies (2a 2b) are disposed in such a manner that the diesel particulate collection filter device (3) of the assembly (2a) of a first set the selective reduction catalyst device (4) of the assembly (2a) of the first set the selective reduction catalyst device (4) of the assembly (2b) of the second set and the diesel particulate collection filter device (3) of the assembly (2b) of the second set are arranged side by side in sequence. First and second connection pipes (7a 7b) are passed through a region immediately below an arrangement region (R2) in which the two selective reduction catalyst devices (4) and the like are arranged and connected to the diesel particulate collection filter devices (3). The configuration facilitates the connection between an engine (10) and an exhaust gas treatment structure (1) and provides an engine unit and a working vehicle which are configured so that a load on the first and second connection pipes (7a 7b) due to vibration is reduced.

No. of Pages: 44 No. of Claims: 14

(21) Application No.889/DEL/2003 A

(19) INDIA

(22) Date of filing of Application :11/07/2003 (43) Publication Date : 06/11/2015

(54) Title of the invention : A HOLLOW PELLET SUITABLE AS CARRIER OF CATALYSTS FOR SELECTIVE EXOTHERMIC REACTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	32/00 :NA :NA	(71)Name of Applicant: 1)INEOS TECHNOLOGIES (VINYLS) LIMITED, Address of Applicant: Hawkslease, Chapel Lane, Fndhurst, Hampshire SO43 7FG, United Kingdom U.K. (72)Name of Inventor: 1)ANDREA MARSELLA 2)SANDRO VIDOTTO
(87) International Publication No	:NA	3)BARBARA CREMASCHI
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A catalyst hollowed pellet for selective gas phase exothernnic reactions in a ubular fixed bed reactor, having a parallelogram shaped external cross-section. The catalyst has a low resistance to the flow, allows a good heat exchange with he wall of the industrial reactor, has a good effectiveness, offers a good nechanical resistance and guarantee a high total active phase content of the eactor. In particular with a suitable active phase based on copper and additives gives a good catalyst for oxychlorination fixed bed processes as well as with a suitable active phase based on silver and additives gives a good catalyst for selective oxidation processes.

No. of Pages: 31 No. of Claims: 38

(21) Application No.3753/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: 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 	:29/10/2012 :WO 2013/069579 :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)AWAD Yassin Aden 2)SEO Kay
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A communication system is disclosed in which each base station is configured to provide synchronisations signals in each radio frame of both a primary (backwards compatible) component carrier and a secondary (extension) component carrier. The location of the synchronisation signals in the radio frame of the primary (backwards compatible) component carrier are fixed whilst the location of the synchronisation signals in the radio frame of the secondary (extension) component carrier are configurable.

No. of Pages: 52 No. of Claims: 43

(21) Application No.4100/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: FLOATING ENERGY PRODUCING PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:06/08/2010 :WO 2011/071444 :NA :NA	(71)Name of Applicant: 1)HEXICON AB Address of Applicant: VARVSGATAN 6, S-742 43 OREGRUND, SWEDEN Sweden (72)Name of Inventor: 1)ANDERS TUNBJER 2)PEREY SUNDQUIST 3)DAG LANDVIK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Floating energy producing plant (1), comprising at least three wind generators (2) attached to a common floating unit which can be placed on water independent of placement and water depth. The unit comprises a frame work (F) constructed of pipes (4) connected in at least three attachment points having the shape of nodes (3,5). The pipes (4) are sealed in their respective ends (4a, 4b) and forms separate floating parts adapted to be connected to the nodes (3, 5).

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

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: NOVEL TRICYCLIC COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract 	:A01N 43/42 :61/265,591 :01/12/2009 :U.S.A. :PCT/US2010/058598 :01/12/2010 :WO 2011/068899 :NA :NA :NA	(71)Name of Applicant: 1)ABBOTT LABORATORIES Address of Applicant:100 ABBOTT PARK ROAD, ABBOTT PARK, IL 60064 U.S.A. U.S.A. (72)Name of Inventor: 1)HOEMANN MICHAEL Z. 2)WISHART NEIL 3)ARGIRIADI MARIA A. 4)BREILINGER ERIC C. 5)CALDERWOOD DAVID J. 6)ERICSSON ANNA M. 7)FIAMENGO BRYAN A. 8)FRANK KRISTINE E. 9)FRIEDMAN MICHAEL 10)GEORGE DAWN M. 11)GOEDKEN ERIC R. 12)JOSEPHSOHN NATHAN S. 13)LI BIQIN C. 14)MORYTKO MICHAEL J. 15)MULLEN KELLY D. 16)SOMAL GAGANDEEP 17)STEWART KENT D. 18)VOSS JEFFREY W. 19)WALLACE GRIER A. 20)WANG LU 21)WOLLER KEVIN R.
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(57) Abstract:

The invention provides a compound of Formula (la), (lb), (Ic), (Id), (le), (If), (lg), (Ih), (li), (Ij), (Ik), or (II) as defined herein, pharmaceutically acceptable salts, pro-drugs, biologically active metabolites, stereoisomers and isomers thereof wherein the variable are defined herein. The compounds of the invention are useful for treating immunological and oncological conditions.

No. of Pages: 332 No. of Claims: 21

(21) Application No.4233/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: RATE PREDICTION IN FRACTIONAL REUSE SYSTEMS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No Filing Date (37) International Publication No (38) International Publication No (39) International Publication No (30) Patent of Addition to Application Number Filing Date (31) Portority Country Filed on Filed on Filomorphic H04L 1/00 Filed/7/2004 Filed Norder	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)AAMOD KHANDEKAR 2)AVNEESH AGRAWAL
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(57) Abstract:

A method of determining channel information in a fractional reuse communication system, the method comprising: selecting a subcarrier of a plurality of subcarriers, the plurality of subcarriers encoding data in parallel for transmission; determining a fractional reuse set based on the subcarrier, wherein the reuse set is selected from a group comprising a stable reuse set and a handoff reuse set; and determining CQI based on the fractional reuse set.

No. of Pages: 29 No. of Claims: 11

(21) Application No.4234/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: RATE PREDICTION IN FRACTIONAL REUSE SYSTEMS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04L 1/00 :61/588,629 :16/07/2004 :U.S.A.	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant:5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF
(86) International Application No	:PCT/US05/025170	
Filing Date	:14/07/2004	(72)Name of Inventor:
(87) International Publication No	:WO 2011/2006/020032	1)AAMOD KHANDEKAR 2)AVNEESH AGRAWAL
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filed on	:612/DELNP/2007 :23/01/2007	

(57) Abstract:

A method for rate control in a fractional reuse communication system, the method comprising: determining a subcarrier assignment within a reuse set; generating a modified channel quality indicator value by summing a power control increment or a backoff value received channel quality indicator that is responsive to a pilot signal and the subcarrier assignment; determining a transmission format based on the modified channel quality indicator value; and controlling a code rate based in part on the transmission format.

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

(21) Application No.4235/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention : EXTENDED RELEASE PHARMACEUTICAL COMPOSITIONS OF PALIPERIDONE AND PROCESSES OF PREPARATION THEREOF

(51) International classification :A61K 9/20 (71)Name of Applicant: (31) Priority Document No :2150/DEL/2009 1)RANBAXY LABORATORIES LIMITED (32) Priority Date :16/10/2009 Address of Applicant: 12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India (33) Name of priority country :India (86) International Application No :PCT/IB2010/054714 (72)Name of Inventor : Filing Date :18/10/2010 1)KUMARAVEL VIVEK (87) International Publication No :WO 2011/045774 2)RAJAN KUMAR VERMA (61) Patent of Addition to Application 3)ROMO BARAT SINGH :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to extended release pharmaceutical compositions of paliperidone and process of preparation thereof.

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

(22) Date of filing of Application :04/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: Combustion Device, Method for Operating the Same, and Rotary Hearth Furnace

(51) Intermedianal alessification	.E27D0/00	(71) Name of Applicant
(51) International classification	:F27B9/00	(71)Name of Applicant :
(31) Priority Document No	:2013-	1)Nippon Steel & Sumikin Engineering Co., Ltd.
(31) Thomas Bocument 110	080414	Address of Applicant :Osaki Center Builiding, 1-5-1, Osaki,
(32) Priority Date	:08/04/2013	Shinagawa-ku, Tokyo 141-8604, Japan Japan
(33) Name of priority country	:Japan	2)NS Plant Designing Corporation
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)SHIBATA, Tomoaki
(87) International Publication No	: NA	2)NODA, Etsuro
(61) Patent of Addition to Application Number	:NA	3)MORITA, Akihiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A combustion device 100 includes: a burner body10 that is tubular; a gas feed portion 30 that discharges oxygen-containing gas; and a side wall portion 22 that protrudes forward with respect to an end of the burner body 10 and an end of the gas feed portion 30 in the outer side of the gas feed portion 30. The side wall portion 22 includes at least a pair of fuel pipes 18 that are arranged opposite to each other with the burner body 10 interposed therebetween and discharge fuel gas. The discharging directions of the fuel gas of the fuel pipes 18 are configured to be capable of intersecting with the central axis direction of the burner body 10 in front of the burner body. The gas feed portion 18 is sectioned by flow velocity adjusting members 32 into first passages and second passages in which the flow velocity of the oxygen-containing gas is higher than that in the first passages so that the first passages and the second passages are aligned along a circumferential direction. Discharge openings of the first passages are provided closer to discharge openings of the fuel pipes than discharge openings of the second passages.

No. of Pages: 35 No. of Claims: 7

(21) Application No.4226/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AZOCYCLIC INHIBITORS OF FATTY ACID AMIDE HYDROLASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:10/12/2010 :WO 2011/072207 :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007, MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A. U.S.A. (72)Name of Inventor: 1)DUNG MEI H. 2)PASTERIS ROBERT JAMES
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are compounds of Formula 1, including all stereoisomers, N oxides, and salts thereof, wherein A, W, X, G, Rl, R2, R3, R4, m and n are as defined in the disclosure. Also disclosed are pharmaceutical compositions containing the compounds of Formula 1 and methods for treating a disease or condition mediated by fatty acid amide hydrolase activity comprising applying a therapeutically effective amount of a compound or a composition of the invention.

No. of Pages: 95 No. of Claims: 17

(21) Application No.4227/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: POLYMERIC BIGUANIDE PRESERVATION OF PRECIPITATED CALCIUM CARBONATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:17/12/2010 :WO 2011/075662	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NEW YORK 10022, U.S.A. U.S.A. (72)Name of Inventor: 1)SHIMOHIRAO NILZA 2)YAMANE ODETE TIEKO 3)CORREIA ABEL
e e		7
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)UTIMA ENZO 6)DAVID ANDRE SIMOYAMA

(57) Abstract:

Biguanide-preserved precipitated calcium carbonate oral care compositions and methods of manufacture thereof are disclosed.

No. of Pages: 19 No. of Claims: 17

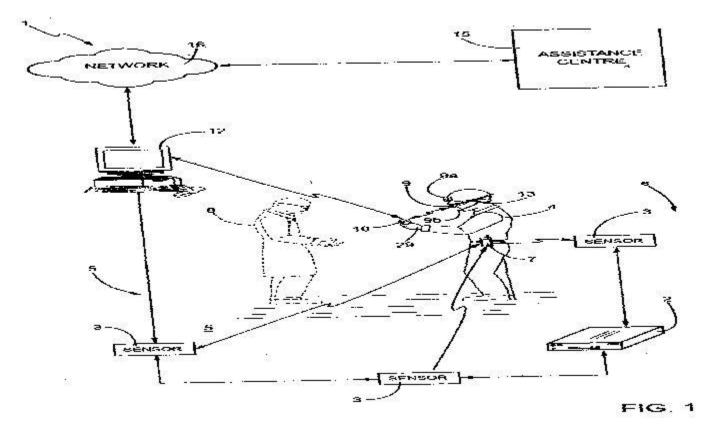
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AVATAR-BASED VIRTUAL COLLABORATIVE ASSISTANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/11/2009 :WO 2011/058584 :NA :NA :NA	(71)Name of Applicant: 1)SELEX SISTEMI INTEGRATI S.P.A. Address of Applicant: VIA TIBURTINA, 1231, ROMA, ROMA ITALY Italy (72)Name of Inventor: 1)VERTUCCI RAFFAELE 2)BOCCOLA ENRICO
Filing Date	:NA :NA	

(57) Abstract:

A collaborative supportive system based upon avatar (1), comprising movement- tracking sensors (2, 3, 7) configured for tracking the movements of a user and of one or more parts of his body; a head-mounted display (9); and processors (2, 10, 12), configured for cooperating with the movement-tracking sensors (3, 7) and with the head-mounted display (9) to cause the head-mounted display (9) to display an avatar (8) capable of moving around in an environment (5) corresponding to the field of vision of the user and relating with the environment (5) itself and with the user (4) according to the assistance to be provided to the user.



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

(21) Application No.6029/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROCESS FOR PRODUCING AT LEAST ONE OF ETHENE PROPENE AND GASOLINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:11/02/2013 :WO 2013/133932 :NA :NA :NA	(71)Name of Applicant: 1)UOP LLC Address of Applicant: 25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A. (72)Name of Inventor: 1)HUOVIE Chad R.
Filing Date	:NA	

(57) Abstract:

One exemplary embodiment can be a process for producing at least one of ethene propene and gasoline. The process may include reacting a feed boiling above 340°C in the presence of a composition including at least 55% by weight alumina. Often the composition is the sole catalyst utilized in the reaction.

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

(21) Application No.6030/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROCESS AND APPARATUS FOR MIXING TWO STREAMS OF CATALYST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F27B15/08 :13/424713 :20/03/2012 :U.S.A. :PCT/US2013/027847 :27/02/2013 :WO 2013/142014 :NA :NA :NA	(71)Name of Applicant: 1)UOP LLC Address of Applicant:25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A. (72)Name of Inventor: 1)PALMAS Paolo 2)MOSTOFI ASHTIANI Mohammad Reza 3)DAVYDOV Lev
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(57) Abstract:

A process and apparatus for mixing streams of regenerated and carbonized catalyst involves passing a catalyst stream around an insert in a lower section of a riser. The insert fosters mixing of the catalyst streams to reduce their temperature differential before contacting hydrocarbon feed.

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

(21) Application No.6031/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : PROCESS FOR CONVERTING A HYDROCARBON STREAM AND OPTIONALLY PRODUCING A PROCESSED DISTILLATE 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 	:C10G65/10, :13/418788 :13/03/2012 :U.S.A. :PCT/US2013/025662 :12/02/2013 :WO 2013/138001 :NA :NA	(71)Name of Applicant: 1)UOP LLC Address of Applicant: 25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A. (72)Name of Inventor: 1)SADLER Clayton C. 2)GOSLING Christopher D.
(61) Patent of Addition to Application	:NA	2)GOSLING Christopher D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

One exemplary embodiment can be a process for converting a hydrocarbon stream. The process can include passing the hydrocarbon stream having one or more C40+ hydrocarbons to a slurry hydrocracking zone to obtain a distillate hydrocarbon stream having one or more C9 C22 hydrocarbons and passing the distillate hydrocarbon stream to a hydrocracking zone for selectively hydrocracking aromatic compounds including at least two rings obtaining a processed distillate product.

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

(21) Application No.999/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/04/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELECTRICAL CONNECTOR HAVING RESILIENT LATCHES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01R13/6275 :13/863,987 :16/04/2013 :U.S.A. :PCT// :01/01/1900 : NA	(71)Name of Applicant: 1)TYCO ELECTRONICS SERVICES GmbH Address of Applicant :of Rheinstrasse 20, Schaffhausen 8200, SWITZERLAND Switzerland (72)Name of Inventor: 1)BIANCA, GIUSEPPE
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

An electrical connector (102) includes a shell (106) with a chamber (110) and an insert assembly (108) received in the chamber. The insert assembly has cavities (114) therethrough that are configured to receive contacts (112). The contacts are configured for electrical connection to mating contacts (122) of a mating connector (104). The insert assembly has resilient latches (166) extending from an outer periphery (179) of the insert assembly that engage the shell to hold the insert assembly in the chamber.

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

(21) Application No.4147/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: WIND ENERGY 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 	:F03D 3/04 :61/256,174 :29/10/2009 :U.S.A. :PCT/US2010/054543 :28/10/2010 :WO 2011/059760 :NA :NA :NA	(71)Name of Applicant: 1)THE GREEN ELECTRIC COMPANY Address of Applicant: 31677 FRONTAGE ROAD, BOZEMAN, MT 59715, U.S.A. U.S.A. (72)Name of Inventor: 1)LUCY, DAN 2)BLEVINS, MICHAEL 3)GREEN, COLIN 4)BLITTERSWYK, NICK
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(57) Abstract:

Wind energy systems comprise a wind accelerator having a support assembly and an outer structure surrounding the support assembly. The wind accelerator has a front region and a rear region. The rear region is substantially wider than the front region, and the outer structure tapers from the rear region to the front region. One or more turbines are mounted on the support assembly at or near the rear region of the wind accelerator or at or near the widest point of the wind accelerator.

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

(21) Application No.4148/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: A DELAYED RELEASE PHARMACEUTICAL COMPOSITION OF MESALAMINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61K 9/20 :2151/DEL/2009 :16/10/2009 :India :PCT/IB2010/054715 :18/10/2010 :WO 2011/045775	(72)Name of Inventor: 1)VASU KUMAR KAKUMANU
e e e e e e e e e e e e e e e e e e e	:WO 2011/045775 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a delayed release pharmaceutical composition of mesalamine comprising: a) granules comprising mesalamine or pharmaceutically acceptable salts thereof and a hydrophilic polymer; b) extragranular excipients; wherein the pharmaceutical composition is further coated with a single layer of polymer.

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

(21) Application No.4899/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/06/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS AND THE USE THEREOF FOR THE TREATMENT OF PEANUT ALLERGY

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (89) International Publication No (89) International Publication No (89) International Publication No (80) International Publication No (80) International Publication No (80) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Name of Inventor: (84) International Application No (85) International Application No (86) International Application No (87) Name of Inventor: (87)	 (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/EP2012/075535 :14/12/2012 :WO 2013/087837 :NA :NA	Address of Applicant :J. H. Oortweg 15 NL 2333 CH Leiden Netherlands (72)Name of Inventor : 1)KOPPELMAN Stefan Johan
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(57) Abstract:

The present invention relates to compositions which can be used in immunotherapy and especially to compositions which can be used in immunotherapy for mammals such as human mammals suffering from peanut allergy. The present invention further relates to the use of the present compositions for the therapeutic treatment for desentizing the immune system of a mammal suffering from an allergy by immunotherapy and the use of the present compositions in a prophylactic treatment of a mammal with high predisposition to develop a certain allergy. Specifically the present invention relates to pharmaceutical compositions comprising a modified whole peanut extract and pharmaceutically acceptable diluents and/or excipients wherein said modified whole peanut extract is a reduced and subsequently alkylated whole peanut extract preferably a whole defatted peanut extract comprising soluble peanut kernel proteins such as Ara h1 Ara h2 and Ara h6.

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

(21) Application No.4110/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROCESS FOR PREPARING A POLYMERIC COMPOUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C 69/00 :61/253,975 :22/10/2009 :U.S.A. :PCT/US2010/053546 :21/10/2010 :WO 2011/050162 :NA :NA	(71)Name of Applicant: 1)POLYMEDIX, INC. Address of Applicant:170 N. RADNOR-CHESTER ROAD, SUITE 300, RADNOR, PA 19087, U.S.A. U.S.A. (72)Name of Inventor: 1)ROBERT W. KAVASH 2)HAIZHONG TANG 3)CAROL MULROONEY 4)DAHUI LIU
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(57) Abstract:

The present invention provides methods for preparing a polymeric compound of Formula I: or pharmaceutically acceptable salt thereof. The present invention also provides useful intermediates for preparing the compound of Formula I or pharmaceutically acceptable salt thereof.

No. of Pages: 86 No. of Claims: 23

(21) Application No.4111/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ACTINOBACILLUS SUIS ANTIGENS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:09/11/2010 :WO2011/059950	(71)Name of Applicant: 1)BOEHRINGER INGELHEIM VETMEDICA, INC. Address of Applicant: 2621 NORTH BELT HIGHWAY, ST. JOSEPH, MISSOURI 64506, U.S.A. U.S.A. (72)Name of Inventor: 1)DIANNA MARIE MURPHY JORDAN 2)JEREMY J. KROLL 3)PHILIP UTLEY
(87) International Publication No(61) Patent of Addition to Application Number		2)JEREMY J. KROLL
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides immunogenic compositions useful for inhibiting, treating, protecting, or preventing infection by Actinobacillu.s suis. These immunogenic compositions are demonstrated to usefully stimulate immunogenic responses in treated pigs. Some vaccines stimulated reactions sufficient to be protective against A. suis. In addition, the invention provides kits comprising the immunogenic compositions; as well as, methods of using the compositions and kits.

No. of Pages: 40 No. of Claims: 23

(21) Application No.4113/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HIGH SHEAR SYSTEM AND METHOD FOR NAPTHA CRACKING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C10G 35/04 :61/287,617 :17/12/2009 :U.S.A. :PCT/US2010/060683 :16/12/2010 :WO 2011/084564 :NA :NA	(71)Name of Applicant: 1)HRD CORPORATION Address of Applicant: P.O. DRAWER 450267, HOUSTON, TEXAS 77245, U.S.A. U.S.A. (72)Name of Inventor: 1)ABBAS HASSAN 2)AZIZ HASSAN 3)KRISHNAN VISWANATHAN 4)GREGORY BORSINGER
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(57) Abstract:

A method and system for processing naphtha, including a high shear mechanical dievice. In one embodiment, the method comprises forming a dispersion of gas in a naphtha hydrocarbon liquid in a high shear device prior to introduction in a cracking reactor/furnace. In another instance the system for processing naphtha comprises a high shear device for mechanically shearing hydrocarbons.

No. of Pages: 25 No. of Claims: 19

(21) Application No.4114/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PARTICULATE TITANIUM DIOXIDE

(57) Abstract:

A particulate titanium dioxide has a median volume particle diameter of greater than 70 nm. The titanium dioxide can be produced by calcining precursor particles. The titanium dioxide has enhanced UVA efficacy. The particulate titanium dioxide can be used to form dispersions. The particulate titanium dioxide or dispersions can be used to produce sunscreen products having a UV protection which is at least one third of the label SPF value.

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

(21) Application No.4129/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SURFACE PASSIVATION TECHNIQUE FOR REDUCTION OF FOULING

(51) International classification	:C23C 22/07	(71)Name of Applicant:
(31) Priority Document No	:12/582,996	1)NALCO COMPANY
(32) Priority Date	:21/10/2009	Address of Applicant :1601 W. DIEHL ROAD,
(33) Name of priority country	:U.S.A.	NAPERVILLE, ILLINOIS 60563-1198, UNITED STATES OF
(86) International Application No	:PCT/US2010/050818	AMERICA U.S.A.
Filing Date	:30/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/049724	1)SHARPE, RON
(61) Patent of Addition to Application	:NA	2)RUSSELL, CHRISTOPHER
Number	:NA	3)CROZIER, SIMON
Filing Date	11 (12	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a method and apparatus for controlling the formation of foulant deposits on petroleum processing equipment. The invention involves a first mixture comprising an acid phosphate ester. The first mixture is applied to the surface of the petroleum processing equipment at a high temperature. Then a second mixture comprising a metal salt is applied also at a high temperature. The result is sufficient to provide an effective coating that prevents the formation of foulant deposits on the petroleum processing equipment. The second mixture reacts with any polyphosphate in the coating to prevent any contamination of petroleum materials within the petroleum processing equipment.

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

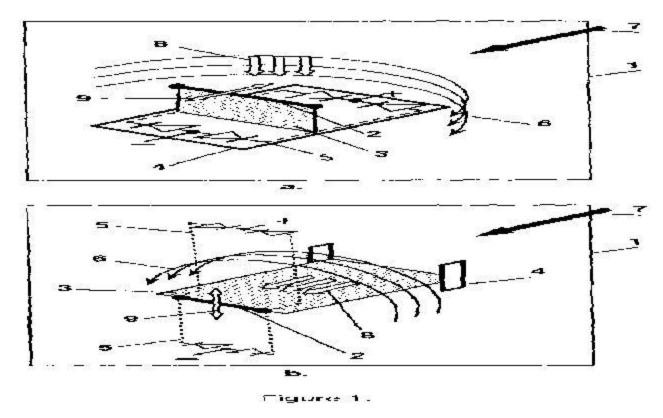
(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : APPARATUS FOR HARVESTING ENERGY FROM FLOW-INDUCED OSCILLATIONS AND METHOD FOR 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 	:11/10/2010 :WO 2011/046877 :NA	(71)Name of Applicant: 1)KAPLAN, A., MORRIS Address of Applicant: 9 RADBURN CT. ROCKVILLE, MD 20850 U.S.A. U.S.A. (72)Name of Inventor: 1)KAPLAN, A., MORRIS
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device and method for harvesting electrical power from kinetic energy of a flow. The device includes a generating cell comprising an appropriate vibration assembly and a magnetic field source. The external gas or liquid flow causes vibration of the assembly with an integrated conductive element, producing electricity in proximity to a magnetic field. The vibration assembly has a set of resonant frequencies that correspond to a set of the frequencies of the flow vortices within a predetermined range of the flow velocities. An arbitrary number of adjustable generating cells can be connected into a single circuit, either in- series or in-parallel, to increase an overall power output. The device is capable of operating under a wide range of flow characteristics and can serve as a virtually maintenance-free source of electrical power.



No. of Pages: 39 No. of Claims: 20

(21) Application No.4131/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: NOVEL METHOD FOR PREPARING ENTECAVIR AND INTERMEDIATE USED THEREIN

		(71)Name of Applicant:
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D 473/18 :10-2009-0096875 :12/10/2009 :Republic of Korea :PCT/KR2010/006306 :15/09/2010 :WO 2011/046303 :NA :NA	1)HANMI HOLDINGS CO., LTD. Address of Applicant:#45, BANGI-DONG, SONGPA-GU, SEOUL 138-828, REPUBLIC OF KOREA; Republic of Korea (72)Name of Inventor: 1)LEE, JAE HEON; 2)PARK, GHA SEUNG; 3)KIM, JIN HEE; 4)CHOI, TAE JIN; 5)LEE, JI EUN; 6)HAN, JUNG HEE; 7)BANG, HYO JEONG;
(62) Divisional to Application Number Filing Date	:NA :NA	8)JUNG, SUN YOUNG; 9)CHANG, YOHNG KIL; 10)LEE, GWAN SUN; 11)KIM, MAENG SUP;

(57) Abstract:

Disclosed are: a novel, high-yield method for preparing entecavir and intermediates used therein.

No. of Pages: 37 No. of Claims: 24

(21) Application No.4156/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: NON-INVASIVE SPEED SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01P 3/00 :61/261,224 :13/11/2009 :U.S.A. :PCT/EP2010/067288 :11/11/2010 :WO 2011/058099 :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant:INDUSTRIESTRAE 1-3, 91074 HERZOGENAURACH, GERMANY Germany (72)Name of Inventor: 1)THOMAS SCHUBERT
1 (01110 01	:NA :NA :NA	

(57) Abstract:

The invention relates to a method of measuring rotational speed of a shaft, comprising the steps of: coupling an optical pickup to a shaft speed sensor having an indicator light that pulses proportionally to rotational speed of a shaft being measured by the speed sensor; receiving light puls¬es from the indicator light of the speed sensor; and determining the rotational speed based on the rate of received light pulses. Furthermore, the invention discloses a condition monitoring equipment for a wind turbine using the above measuring method.

No. of Pages: 8 No. of Claims: 3

(21) Application No.4157/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

$(54) \ Title \ of \ the \ invention: SYNERGISTIC \ HERBICIDAL \ COMPOSITION \ CONTAINING \ AMINOPYRALID \ AND \ SULFONYLUREAS$

(51) International classification	:A01N 43/40	(71)Name of Applicant :
(31) Priority Document No	:61/260,994	1)DOW AGROSCIENCES LLC
(32) Priority Date	:13/11/2009	Address of Applicant :9330 ZIONSVILLE ROAD,
(33) Name of priority country	:U.S.A.	INDIANAPOLIS 41268, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/056468	(72)Name of Inventor:
Filing Date	:12/11/2010	1)IAN CORR
(87) International Publication No	:WO 2011/060230	2)CHRISTOPHER LOVE
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An herbicidal composition containing (a) aminopyralid and (b) a sulfonylurea herbicide provides synergistic control of selected broadleaf weeds.

No. of Pages: 14 No. of Claims: 7

(21) Application No.4158/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: STORAGE CONTROL APPARATUS AND STORAGE CONTROL METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J 7/35 :2009-265595 :20/11/2009 :Japan :PCT/JP2010/069931 :09/11/2010 :WO 2011/062088 :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN Japan (72)Name of Inventor: 1)MASAYUKI YOKOYAMA
Filing Date	:NA	

(57) Abstract:

Power generating elements 111 output electromotive force. A path switching unit 112 switches a path for connecting arbitrary power generating elements 111 among the power generating elements 111. A voltage converting unit 130 is a DC-DC converter that converts voltage levels of outputs of some of the power generating elements 111. A path switching control unit 120 controls the path switching unit 112 such that a set of power generating elements 111 where a sum of maximum power point voltages falls within a range of an appropriate charging voltage of a storage element 190 is connected to a short-circuit path 119 and the other power generating elements 111 are connected to a transformation path. A voltage conversion control unit 140 controls a transformation rate of voltage conversion in the voltage converting unit 130 such that a voltage in the transformation path 139 and a voltage in the short-circuit path 119 become equal to each other.

No. of Pages: 66 No. of Claims: 11

(21) Application No.4159/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : RECOMBINANT BACTERIA FOR PRODUCING GLYCEROL AND GLYCEROL-DERIVED PRODUCTS FROM SUCROSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P 7/04 :61/266,605 :04/12/2009 :U.S.A. :PCT/US2010/058832 :03/12/2010 :WO 2011/069033 :NA :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A. U.S.A. (72)Name of Inventor: 1)ELIOT, ANDREW, C. 2)GATENBY, ANTHONY, A. 3)VANDYK, TINA, K.
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(57) Abstract:

Recombinant bacteria capable of producing glycerol and glycerol- derived products from sucrose are described. The recombinant bacteria comprise in their genome or on at least one recombinant construct: a nucleotide sequence encoding a polypeptide having sucrose transporter activity; a nucleotide sequence encoding a polypeptide having fructokinase activity; and a nucleotide sequence encoding a polypeptide having sucrose hydrolase activity. These nucleotide sequences are each operably linked to the same or a different promoter. These recombinant bacteria are capable of metabolizing sucrose to produce glycerol and/or glycerol-derived products such as 1,3-propanediol and 3-hydroxypropionic acid.

No. of Pages: 201 No. of Claims: 13

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PLANTS WITH IMPROVED NITROGEN UTILIZATION AND STRESS TOLERANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A01H 5/00 :61/258,075 :04/11/2009 :U.S.A. :PCT/US2010/055053 :02/11/2010 :WO 2011/056769 :NA :NA	(71)Name of Applicant: 1)IOWA CORN PROMOTION BOARD Address of Applicant:5505 NW 88TH STREET SUITE 100, JOHNSTON, IA 50131 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MCLAREN, JAMES 2)DUCK, NICHOLAS 3)HAMMER, PHILIP 4)VANDE BERG, BRIAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to transgenic plants that have increased nitrogen use efficiency, stress tolerance, and/or alleviating a limitation such that yield is increased, or a combination of these and that have been transformed using a novel vector construct including a synthetic N-acetyl glutamate kinase (NAGK) gene that modulates nitrogen use in plants. The invention also includes the overexpression and enzymatic characterization of an arginine-insensitive NAGK isolated from a bacterial strain that improves stress tolerance and nitrogen uptake, metabolism or both. In various embodiments, the vector construct includes one or more nucleic acid sequences including SEQ ID NO: 1. The invention also relates to isolated vectors for transforming plants and to antibodies used for detecting transformed plants. The invention also relates to methods of expressing in plants the nucleic acid molecules corresponding to the nucleic acid sequences that modulate nitrogen use in plants or are modulated by nitrogen conditions.

No. of Pages: 49 No. of Claims: 28

(21) Application No.4169/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND CONTROL UNIT FOR CONTROLLING AN ELECTRICAL COMPONENT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01H 47/32 :10 2010 000 887.7 :14/01/2010 :Germany :PCT/EP2011/050366 :13/01/2011 :WO 2011/086112 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant:POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)SCHUELER, HARALD 2)HARTMANN, SVEN 3)TUMBACK, STEFAN
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(57) Abstract:

A method for controlling an electrical component is provided, comprising a primary winding, a first field effect transistor designed as a switch of the primary winding for switching the primary winding, a quench winding for quenching the inductive load of the primary winding when shutting off the primary winding, and a second field effect transistor designed as a switch of the quench winding for switching the quench winding. According to the present subject matter, the first field effect transistor is operated in a linear operating mode and the second field effect transistor is operated in a linear operating mode or in a clocked operating mode between the linear operating mode and a deactivated state during a shut-off process of the quench winding.

No. of Pages: 16 No. of Claims: 13

(21) Application No.4134/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DISJOINT PATH COMPUTATION ALGORITHM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L 12/56 :12/614,323 :06/11/2009 :U.S.A. :PCT/IB2010/054852 :26/10/2010 :WO 2011/055273 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)LU, WENHU 2)KINI, SRIGANESH
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A network element implementing Multiprotocol Label Switching to automatically create an optimal deterministic back-up Label Switch Path (LSP) (109) that is maximally disjointed from a primary LSP (107) to provide a reliable back up to the primary LSP (107). The network element receives a request for a generation of an LSP, determines that the request for the generation of the LSP is for the back-up LSP (109), locates each Sink of the primary LSP (107) in a traffic engineering database, modifies each link of the primary LSP (107) to have a link cost significantly greater than an actual link cost to discourage use of each link of the primary LSP (107) in the back-up LSP (109), executes a Constrained Shortest Path First algorithm to obtain the back-up LSP (109), wherein the back-up LSP (109) has a maximum disjointedness from the primary LSP (107) due to a modified cost of each link of the primary LSP (107) and retains the back-up LSP (109)

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

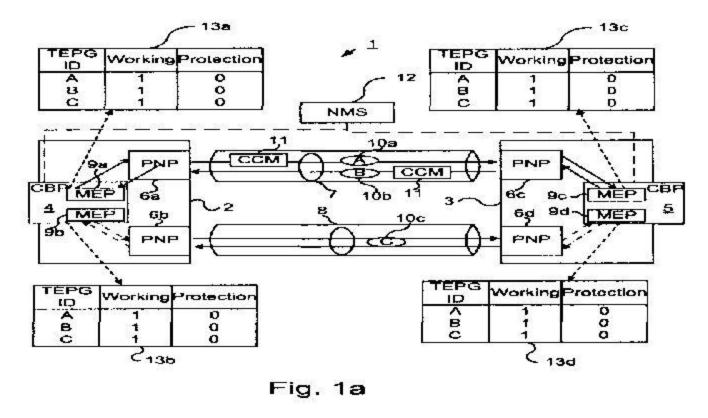
(22) Date of filing of Application: 10/05/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: METHOD AND APPRATUS FOR SUPPORTING MISMATCH DETECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:25/11/2010 :WO 2011/065908 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)DING, ZHEMIN 2)SALTSIDIS, PANAGIOTIS
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method and a network node (2, 3) for service instance management in telecommunications network. According to the method a plurality of network paths (7, 8) are monitored. A number of network paths form a protection group associated with a service instance (10a, 10b, 10c) or group of service instances. The monitoring of the network paths includes periodic transmission of CCMs (11) on the network paths(7, 8). To facilitate detection of mismatches related to protection switching, some CCMs include a mismatch information element (13a-d) that specifies traffic status of a working network path and of a protection network path for a set of protection groups. The set of protections groups includes the protection groups which the monitored network path is a member of. A CCM (11) that includes the mismatch information element also includes an indication bit that indicates presence of the mismatch information element in the CCM(11).



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

(21) Application No.4137/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM COMPRISING A SEMICONDUCTOR DEVICE AND STRUCTURE

(51) International classification	:H01L 23/538	(71)Name of Applicant:
(31) Priority Document No	:12/577,532	1)MONOLITHIC 3D, INC.
(32) Priority Date	:12/10/2009	Address of Applicant :3555 WOODFORD DRIVE SAN
(33) Name of priority country	:U.S.A.	JOSE, CA - 95124, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/052093	(72)Name of Inventor:
Filing Date	:08/10/2010	1)ZVI OR-BACH
(87) International Publication No	:WO 2011/046844	2)BRIAN CORNQUIST
(61) Patent of Addition to Application	:NA	3)ISRAEL BEINGLASS
Number	:NA	4)J.L. DE JONG
Filing Date	.IVA	5)DEEPAK C. SEKAR
(62) Divisional to Application Number	:NA	6)ZEEV WURMAN
Filing Date	:NA	

(57) Abstract:

A system includes a semiconductor device. The semiconductor device includes a first single crystal silicon layer comprising first transis—tors, first alignment marks, and at least one metal layer overlying the first single crystal silicon layer, wherein the at least one metal layer comprises cop—per or aluminum more than other materials; and a second single crystal silicon layer overlying the at least one metal layer. The second single crystal sili—con layer comprises a plurality of second transistors arranged in substantially parallel bands. Each of a plurality of the bands comprises a portion of the sec—ond transistors along an axis in a repeating pattern.

No. of Pages: 810 No. of Claims: 25

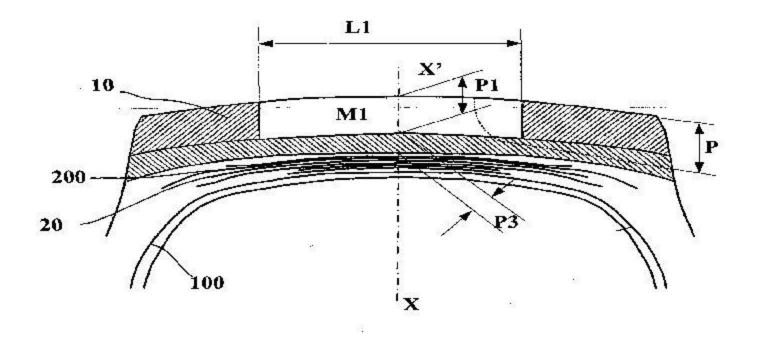
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: TYRE FOR A VEHICLE CARRYING HEAVY LOADS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60C 11/00 :0958406 :26/11/2009 :France :PCT/EP2010/066115 :26/10/2010 :WO 2011/064056 :NA :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 COURS SABLON, 63000 CLERMONT-FERRAND-FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)DENIS BIJAOUI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Tyre intended to be fitted to a vehicle carrying heavy loads comprising a tread band (10) provided with a plurality of grooves (2) of transverse overall orientation, this tread band being characterized in that it is formed of at least three rubber materials: - a first material MI, in the median part of the tread band, having a secant modulus at 10% elongation measured at a temperature of 23 °C at least equal to 4.0 MPa and hysteresis losses $\tan(\delta)$ max greater than 0.19, - a second material M2, on the edge parts, having a secant modulus at 10% elongation, measured at 23 °C, lower than that of the first material, and a hysteresis losses value $\tan(\delta)$ max lower than that of the first material and at least equal to 0.15, - a third material M3, radially below the materials MI and M2, having a hysteresis losses value $\tan(\delta)$ max lowerthan 0.12, - and furthermore, the first material MI has a resistance to wear which is at least 15% better than that of the second and third materials, the latter two materials having substantially the same resistance to wear.



Coupe suivant II-II
FIG.2

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

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONTAINER HAVING A RELOCKABLE LID PROVIDED WITH A RESILIENT 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 	:B65D 43/02 :20 2009 016 507.8 :08/12/2009 :Germany :PCT/EP2010/065878 :21/10/2010 :WO 2011/069734 :NA	(71)Name of Applicant: 1)ARDAGH MP GROUP NETHERLANDS B.V. Address of Applicant: ZUTPHENSEWEG 51051, 7418 AH DEVENTER, NETHERLANDS Netherlands (72)Name of Inventor: 1)UWE ERNST KLOSS 2)MANFRED HUBERT
- 10	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a contain-er comprising (1) a metal body (2) having a peripheral up¬per edge (6) delimiting an upper opening (7) and provided with an outwardly projection (8) and a lid (3) comprising a metallic cover provided with a resilient ring (12), wherein said ring (12) comprises a locking part (21) hav¬ing a lower free edge (23) and is divided into two annular portions (25, 26) separated by an annular folding line (24), whereof a lower portion (26) is foldable around said folding line (24) between two stable positions, wherein said locking part (21) of the ring (12) is provided with: -locking means, to be engaged below said outward projec¬tion (8), comprising a plurality of beads (28) arranged around the inner surface of said lower portion (26) and at a distance from each other, according to a plan extending at a distance from said ring lower free edge (23), and - a p lurality of orifices (29), arranged around said ring tack- ing part (21) at a distance from each other and extending at a distance from said ring lower free edge (23), wherein said orifices (29) extend through said locking part (21), at least over a part of the height of said upper and lower por¬tions (25, 26) thereof.

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

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: GUIDING OF A SPARKPLUG IN A TURBINE ENGINE COMBUSTION CHAMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Principles of Application Number 	:03/12/2010 :WO 2011/080433 :NA :NA	(71)Name of Applicant: 1)SNECMA Address of Applicant: 2, BOULEVARD DU GENERAL MARTIAL VALIN, F-75015 PARIS, FRANCE France (72)Name of Inventor: 1)JACQUES MARCEL ARTHUR BUNEL 2)MARIO CESAR DE SOUSA 3)NICOLAS CHRISTIAN RAYMOND LEBLOND 4)GUILLAUME SEVI 5)DENIS JEAN MAURICE SANDELIS
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	5)DENIS JEAN MAURICE SANDELIS 6)CHRISTOPHE FIEUSSERGUES

(57) Abstract:

The invention relates to a turbine engine combustion chamber including at least one ignition sparkplug (11) carried by an outer casing and extending through guide means (14) carried by a wall (3) forming a body of revolution of the chamber, the guide means (14) comprising a tubular guide (16) having the sparkplug (11) passing axially-therethrough, which guide is mounted with axial and transverse clearance (jl, j2) on a chimney (15) fastened to the wall (3) of the chamber and opening out therein, the guide (16) having an annular collar (19) engaged with clearance (jl, j2) in an internal annular groove (20) of the chimney (15). The annular collar (19) is urged to press against a wall (24) of the groove (20) by a resilient member (25) mounted in the groove (20).

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DELIVERY SYSTEM FOR CYTOTOXIC DRUGS BY SPECIFIC ANTIBODY PRETARGETING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K 39/395 :61/267,998 :09/12/2009 :U.S.A. :PCT/US2010/059686 :09/12/2010 :WO 2011/072124 :NA :NA	(71)Name of Applicant: 1)IMMUNOMEDICS, INC. Address of Applicant: 300 AMERICAN ROAD, MORRIS PLAINS, NEW JERSEY 07950, U.S.A. U.S.A. (72)Name of Inventor: 1)MCBRIDE, WILLIAM J. 2)D'SOUZA, CHRISTOPHER A. 3)CHANG, CHIEN-HSING 4)GOLDENBERG, DAVID M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to methods and compositions for pretargeting delivery of therapeutic agents. In preferred embodiments, the pretargeting method comprises: a) administering a bispecific antibody with a first binding site for a disease-associated antigen and a hapten on a targetable construct; b) administering a targetable construct comprising at least one therapeutic agent. In preferred embodiments, the bispecific antibody is made by the dock-and-lock (DNL) technique. In a more preferred embodiment, the targetable construct comprises one or more SN-38 moieties.

No. of Pages: 103 No. of Claims: 25

(21) Application No.3725/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: LIQUEFACTION OF BIOMASS AT LOW PH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/11/2012 :WO 2013/070160 :NA :NA	(71)Name of Applicant: 1)REAC FUEL AB Address of Applicant: John Ericssons vg 1 S 223 63 Lund Sweden (72)Name of Inventor: 1)CARLIUS Anders 2)GRAM Andreas 3)GRANATH Corinne 4)JHANNESSON Haukur 5)KARLSSON Gran
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to regulation of the p H of a liquefaction process. Presented is a method for treatment of a biomass feedstock wherein the biomass feedstock is subjected to liquefaction at a p H of at most 4 by treatment with hot compressed liquid water (HCW) at subcritical and/or supercritical conditions to improve the conversion efficiency. The present invention is also directed to quenching of a liquefaction process according to above preventing minimizing or eliminating clogging and/or fouling of sticky biomass components in process equipment during processing as according to above and to the use of additives in a biomass liquefaction process.

No. of Pages: 51 No. of Claims: 37

(21) Application No.3726/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD FOR STABILIZING POLYACRYLATE PRESSURE-SENSITIVE ADHESIVES IN ADMIXTURE WITH ADHESIVE RESINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C08K 5/13 :10 2009 054 788.6 :16/12/2009 :Germany :PCT/EP2010/067732 :18/11/2010 :WO 2011/072977 :NA :NA	(71)Name of Applicant: 1)TESA SE Address of Applicant:QUICKBORNSTRAE 24, 20253 HAMBURG (DE) Germany (72)Name of Inventor: 1)SPIES, MANFRED 2)LUHMANN, BERND
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to polyacrylate-based pressure-sensitive adhesives, containing at least one resin and at least one ortho, meta or para-cresol derivative, the aromatic ring thereof being substituted on at least two carbon atoms, wherein the substitutes are derivatives of thiols and/or thioethers. The invention further relates to adhesive tapes comprising at least one layer of said pressure-sensitive adhesive and to the use of said cresol derivatives as an antioxidant for polyacrylate pressure-sensitive adhesives.

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

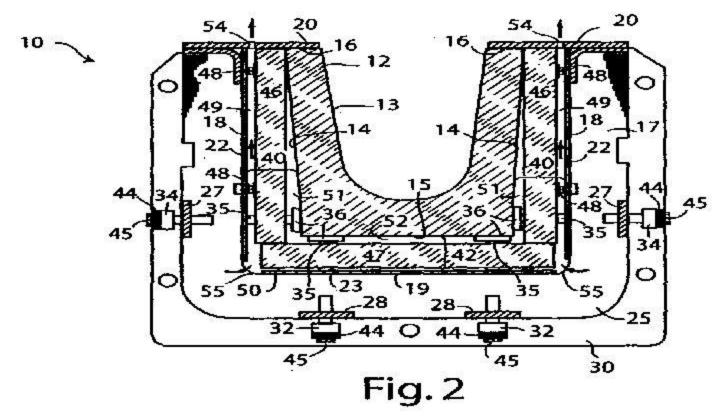
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MOLTEN METAL CONTAINMENT STRUCTURE HAVING FLOW THROUGH VENTILATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F27D 1/12 :61/283,887 :10/12/2009 :U.S.A. :PCT/CA2010/001936 :08/12/2010 :WO 2011/069249 :NA :NA	(71)Name of Applicant: 1)NOVELIS INC. Address of Applicant:191 EVANS AVENUE, TORONTO, ONTARIO M8Z 1J5, CANADA Canada (72)Name of Inventor: 1)REEVES, ERIC, W. 2)HYMAS, JASON D. 3)TINGEY, JOHN STEVEN
	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Exemplary embodiments of the invention provide a molten metal containment structure including a refractory molten metal containment vessel having an external surface, and a metal casing for the vessel having an internal surface at least partially surrounding the external surface of the vessel at a distance therefrom forming a spacing between the vessel and the casing. The spacing includes an unobstructed upwardly extending gap that is vented to the exterior of the structure by upper and lower openings in the casing. A layer of insulating material is preferably positioned in the spacing between the internal surface of the casing and the external surface of the vessel, with the layer of insulating material being narrower than the spacing at least at upwardly extending sides of the casing, thereby forming the unobstructed gap. The vessel may be a metal conveying trough, a housing for a metal filter, a container for a metal degasser unit, a crucible, or the like.



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

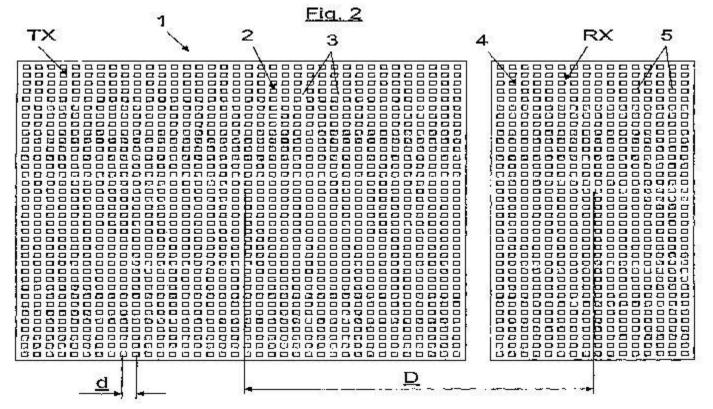
(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ARRAY ANTENNA 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 	:H04B 1/38 :NA :NA :NA :PCT/SE2009/051338 :25/11/2009 :WO 2011/065876	(71)Name of Applicant: 1)SAAB AB Address of Applicant:S-581 88 LINKOPING, SWEDEN Sweden (72)Name of Inventor: 1)HOLTER, HENRIK
e	:WO 2011/065876 :NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract: antenna (RX) and the coupling between two antenna subarrays (TX, RX) are decided and used for controlling the transmitting subarray antenna (TX, RX) are decided and used for controlling the transmitting subarray antenna (TX, RX)

The invention refers to a method for an antenna system (1) comprising a transmitting phase array antenna (2) comprising a transmitting antenna subarray (TX) comprising a number Q antenna elements (3) transmitting on a first frequency and a receiving phase array antenna (4) comprising a receiving antenna subarray (RX) comprising a number P antenna elements (5). The transmitting antenna subarray antenna (TX) is positioned at a distance (D) relative the receiving antenna subarray X) to transmit in such a way that there will be nulling of the energy in the receiving antenna subarray antenna (RX) with respect to the transmitting antenna subarray (TX).



No. of Pages: 48 No. of Claims: 5

(12)TATENT ALTECATION TODEICATION

(22) Date of filing of Application :14/05/2012

(21) Application No.4206/DELNP/2012 A

(43) Publication Date: 06/11/2015

(54) Title of the invention: MODULAR SPIRAL SEPARATOR ELEMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:2009905383 :04/11/2009 :Australia :PCT/AU2010/001463 :03/11/2010 :WO 2011/054039 :NA	(71)Name of Applicant: 1)CPG RESOURCES-MINERAL TECHNOLOGIES PTY LTD Address of Applicant: 104 MELBOURNE STREET, SOUTH BRISBANE, QUEENSLAND 4181, AUSTRALIA Australia (72)Name of Inventor: 1)COOKE, GRAEME 2)PALMER, MARK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

The invention provides a spiral separator module 3.010 including at least one trough segment 4.012 having an up stream edge and a downstream edge, each trough segment 4.012 being adapted to interface with at least one other corresponding trough segment 4.012 of a second spiral separator module to form a continuous section of a spiral trough.

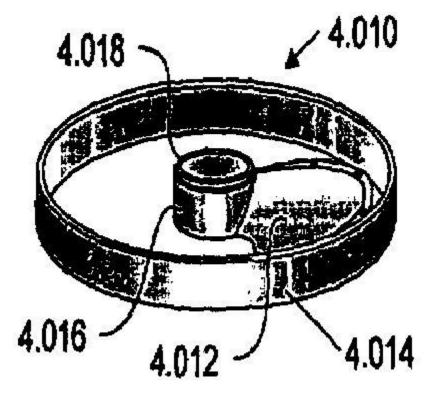


FIGURE 4

No. of Pages: 36 No. of Claims: 35

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: NOVEL DOUBLE-STRANDED RIBONUCLEIC ACIDS WITH RUGGED PHYSICO-CHEMICAL STRUCTURE AND HIGHLY SPECIFIC BIOLOGIC ACTIVITY

(57) Abstract:

A novel form of Rugged dsRNA with a unique composition and physical characteristics was identified with high specificity of binding to TLR3, which conveys an important range of therapeutic opportunities. Unlike the previous known antiviral Ampligen® (poly I, poly C12.U) the new and improved form (poly I1 poly C30,U) has a reduced tendency to form branched dsRNA which results in increased bioactivity due to an increased ability to bind TLR3 receptor. Pharmaceutical formulations containing the new nucleic acid as active ingredients and methods of treatment are also provided: The invention also provides a description of the physicochemical properties of this novel form of Rugged dsRNA and a method for its preparation in substantially pure form. DsRNAs acting thru TLR3 receptor activation are potent antiviral compounds as well as anticancer agents; also through secondary immunomodulation they can enhance the bioactivity of vaccines and also treat autoimmune disorders.

No. of Pages: 84 No. of Claims: 79

(21) Application No.4121/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: RECHARGING ELECTRIC VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60L 11/18 :61/261248 :13/11/2009 :U.S.A. :PCT/US2010/056544 :12/11/2010 :WO 2011/060269	(71)Name of Applicant: 1)DRESSER, INC. Address of Applicant:15455 DALLAS PARKWAYS SUITE 1100 ADDISON, TEXAS 750001 U.S.A. U.S.A. (72)Name of Inventor: 1)OLSSON, MATS
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A charge transfer apparatus having an input and an output includes: an AC/DC converter (357) coupled to the input of the charge transfer apparatus and configured to receive AC power at a first power level; and a charge storage device (362) coupled to the AC/DC converter, where the charge storage device (357) is configured to receive charge at the first power level and to transfer charge to the output of the charge transfer apparatus at a second power level, and the second power level is greater than the first power level.

No. of Pages: 36 No. of Claims: 45

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

:14/10/2009

(54) Title of the invention: CODING SYSTEMS

(51) International classification :H04N 7/24 (71)Name of Applicant: 1)THOMSON LICENSING (31) Priority Document No :60/923,993 (32) Priority Date Address of Applicant :46, OUAI A. LE GALLO, F-92100 :18/04/2007 (33) Name of priority country BOULOGNE-BILLANCOURT (FR). France :U.S.A. (86) International Application No :PCT/US2008/004530 (72)Name of Inventor : 1)ZHU, LIHUA Filing Date :07/04/2008 (87) International Publication No :WO 2008/130500 2)LUO, JIANCONG (61) Patent of Addition to Application 3)YIN, PANG :NA 4)YANG, JIHENG :NA Filing Date (62) Divisional to Application Number :6570/DELNP/2009

(21) Application No.4122/DELNP/2012 A

(57) Abstract:

Filed on

(19) INDIA

In an implementation, a supplemental sequence parameter set (SPS) structure is provided that has its own network abstraction layer (NAL) unit type and allows transmission of layer-dependent parameters for non-base layers in an SVC environment. The supplemental SPS structure also may be used for view information in an MVC environment. In a general aspect, a structure is provided that includes (1) information (1410) from an SPS NAL unit, the information describing a parameter for use in decoding a first-layer encoding of a sequence of images, and (2) information (1420) from a supplemental SPS NAL unit having a different structure than the SPS NAL unit, and the information from the supplemental SPS NAL unit describing a parameter for use in decoding a second-layer encoding of the sequence of images. Associated methods and apparatuses are provided on the encoder and decoder sides, as well as for the signal.

No. of Pages: 53 No. of Claims: 1

(21) Application No.6241/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PESTICIDAL ARYLPYRROLIDINES

(51) International classification :C07D401/04,C07D207/12,A01N43/36

(31) Priority Document No:12159494.9 (32) Priority Date :14/03/2012

(33) Name of priority country :EPO

(86) International

Application No :PCT/EP2013/055042 :12/03/2013

Filing Date

(87) International Publication No :WO 2013/135724

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

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Str. 10 40789 Monheim

Germany

(72)Name of Inventor:1)FISCHER Reiner2)BRUECHNER Peter3)KAPFERER Tobias

4)ILG Kerstin 5)G–RGENS Ulrich

6)VOERSTE Arnd 7)HATAZAWA Mamoru 8)SHIMOJO Eiichi

(57) Abstract:

Filing Date

Arylpyrrolidines of formula (I) wherein each substituent is as defined in the specification and use thereof as pesticides and animal parasite controlling agents.

No. of Pages: 99 No. of Claims: 13

(21) Application No.6243/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: VEHICLE SEAT

(51) International classification :B60N2/02,B60N2/68,B60N2/015 (71)Name of Applicant :

:22/03/2013

(31) Priority Document No :10 2012 006 687.2 (32) Priority Date :31/03/2012

(33) Name of priority country :Germany

(86) International Application
No :PCT/EP2013/056014

Filing Date

(87) International Publication :WO 2013/143984

No

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

(62) Divisional to Application
Number
Filing Date
:NA

(57) Abstract:

1)JOHNSON CONTROLS COMPONENTS GMBH & CO. KG
Address of Applicant :Hertelsbrunnenring 2 67657

Kaiserslautern Germany (72)Name of Inventor:
1)ELLERICH Frank
2)SPIES Eckhard

The invention relates to a vehicle seat (1) in particular to a utility vehicle seat comprising a first seat part and second seat part which can be displaced in the longitudinal direction relative to the first seat part in order to set the seat depth wherein at least one slider (50) which is connected to the first seat part is provided which slider (50) projects with a connecting region (56) embodied in the manner of a head through a guide slot (60) which is provided in the second seat part. In order to attach the slider (50) to the first seat part an anchoring element (70) which is embodied as a separate part and is composed of metal is provided which anchoring element (70) projects through the slider (50) and through the first seat part and connects the slider (50) to the first seat part in a positively locking fashion.

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: COTTON EVENT PDAB4468.19.10.3 DETECTION METHOD

(71)Name of Applicant: (51) International classification :C12Q1/68,C12N15/11 1)DOW AGROSCIENCES LLC (31) Priority Document No :61/589594 Address of Applicant :9330 Zionsville Rd. Indianapolis (32) Priority Date :23/01/2012 Indiana 46268 U.S.A. (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No :PCT/US2013/022711 1) CUI Yunxing C. Filing Date :23/01/2013 2)KING Raina (87) International Publication No :WO 2013/112559 3)KAISER Tina M. (61) Patent of Addition to Application :NA 4)ROBINSON Andrew E. Number :NA 5)PAREDDY Dayakar Filing Date 6)TOLEDO Sandra G. (62) Divisional to Application Number :NA 7)BRAXTON Leon B. Filing Date :NA 8) ANDERSON David M.

(57) Abstract:

Cotton event pDAB4468.19.10.3 comprises gene expression cassettes which contain genes encoding and 12 and pat affording herbicide tolerance to cotton crops containing the event and enabling methods for crop protection. Embodiments of the subject invention provide polynucleotide related event detection methods.

No. of Pages: 38 No. of Claims: 2

(22) Date of filing of Application :24/07/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: SELECTIVE REMOVAL OF A COATING FROM A METAL LAYER AND SOLAR CELL APPLICATIONS THEREOF

(51) International :H01L31/042,H01L31/0216,H01L31/0236

classification

(31) Priority Document :61/589459

(32) Priority Date :23/01/2012 (33) Name of priority :U.S.A.

country

(86) International :PCT/US2013/022674

Application No

:23/01/2013 Filing Date

(87) International

Publication No

:WO 2013/112533

(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)TETRASUN INC.

Address of Applicant :2161 OToole Avenue Suite 10 San Jose

California 95131 U.S.A. (72) Name of Inventor:

1)TURNER Adrian Bruce

2)ONG Qing Yuan

3)SCHULTZ WITTMANN Oliver

(57) Abstract:

A method and resulting structure of patterning a metal film pattern over a substrate including forming a metal film pattern over the substrate; depositing a coating over the substrate surface and the metal film pattern; and removing the coating over the metal film pattern by laser irradiation. The substrate and coating do not significantly interact with the laser irradiation and the laser irradiation interacts with the metal film pattern and the coating resulting in the removal of the coating over the metal film pattern. The invention offers a technique for the formation of a metal pattern surrounded by a dielectric coating for solar cells where the dielectric coating may function as an antireflection coating on the front surface internal reflector on the rear surface and may further may function as a dielectric barrier for subsequent electroplating of metal patterns on either surface.

No. of Pages: 28 No. of Claims: 21

(21) Application No.4224/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: INSECTICIDAL COMPOUNDS BASED ON ISOXAZOLINE DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 413/12 :09177640.1 :01/12/2009 :EPO :PCT/EP2010/068605 :01/12/2010 :WO 2011/067272 :NA :NA :NA	(71)Name of Applicant: 1)SYNGENTA PARTICIPATIONS AG Address of Applicant: SCHWARZWALDALLEE 215, CH- 4058 BASEL, SWITZERLAND Switzerland (72)Name of Inventor: 1)CASSAYRE JEROME YVES 2)RENOLD PETER 3)EL QACEMI MYRIEM 4)PITTERNA THOMAS 5)TOUEG JULIE CLEMENTINE
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(57) Abstract:

The present invention relates to compounds of formula (I): Wherein A1, A2, A3, A4, G1, L, Y1, Y2, Y3, Y4, R1, R2, R3 and R4 are as defined in claim 1; or a salt or N-oxide thereof. Furthermore, the present invention relates to intermediates for preparing compounds of formula (I), to compositions comprising them and to methods of using them to combat and control insect, acarine, nematode and mollusc pests.

No. of Pages: 114 No. of Claims: 17

(21) Application No.4225/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : NON-AQUEOUS, SINGLE TUBE DENTRIFICE WHITENING COMPOSITIONS , METHODS OF USE AND MANUFACTURE 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 	:A61K 8/60 :NA :NA :NA :PCT/US2009/066737 :04/12/2004 :WO 2011/068514 :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NY 10022, USA U.S.A. (72)Name of Inventor: 1)CHOPRA SUMAN KUMAR 2)ZAIDEL LYNETTE 3)IBRAHIM SAYED 4)LEIGH LEONORA 5)PRENCIPE MICHAEL
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(57) Abstract:

This invention relates to oral care composition, methods of use and methods of manufacture thereof including a single-tube, non-aqueous dentifrice whitening composition containing at least an enzyme and a substrate.

No. of Pages: 18 No. of Claims: 13

(12) FATENT AFFLICATION FUBLICATION

(43) Publication Date : 06/11/2015

(19) INDIA

(22) Date of filing of Application :09/05/2012

(54) Title of the invention: PNEUMATIC TIRE

(51) International classification:B60C 9/22(31) Priority Document No:2009-268494(32) Priority Date:26/11/2009(33) Name of priority country:Japan

(33) Name of priority country :Japan (86) International Application No :PCT/JP2010/006 Filing Date :26/11/2010

(87) International Publication No :WO 2011/065018

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

(71)Name of Applicant:

1)BRIDGESTONE CORPORATION

(21) Application No.4092/DELNP/2012 A

Address of Applicant :10-1, KYOBASHI 1-CHOME, CHUO-

KU, TOKYO 104-8340, JAPAN. Japan

:PCT/JP2010/006924 (72)Name of Inventor : :26/11/2010 1)ICHIHARA ELJI

(57) Abstract:

Provided is a pneumatic tire having excellent durability and driving stability during high-speed running of the vehicle (that is, during high-speed rotation of the tire). The pneumatic tire includes: a carcass; an intersecting belt which is provided on the outer circumference side of a crown portion of the carcass and formed of two inclined belt layers having cords inclined and extending in a direction intersecting each other across a tire equatorial plane; and a circumferential belt layer which is provided on either one of the inner side and the outer side of the intersecting belt in the tire radial direction and includes a spiral cord arranged as being spirally wound at an inclination angle of equal to or smaller than 5 degrees to the tire equatorial plane. Of the two inclined belt layers forming the intersecting belt, the cords in a first inclined belt layer are inclined at an inclination angle that falls within the range of 45 to 90 degrees relative to the tire equatorial plane, while the cords in a second inclined belt layer are inclined at an inclination angle of the cords in the first inclined belt layer.

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

(21) Application No.4093/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : ORAL COMPOSITIONS CONTAINING A COMBINATION OF NATURAL EXTRACTS AND RELATED 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 	:A61K 8/97 :61/266,700 :04/12/2009 :U.S.A. :PCT/US2010/058464 :01/12/2010 :WO 2011/068812 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NEW YORK 10022, U.S.A. U.S.A. (72)Name of Inventor: 1)TRIVEDI HARSH MAHENDRA 2)GITTINS ELIZABETH KELLY
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(57) Abstract:

Described herein are compositions comprising a combination of extracts, and methods of preparing and using the same.

No. of Pages: 45 No. of Claims: 11

(22) Date of filing of Application :01/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND CONTROL DEVICE FOR CHARGING OR DISCHARGING A PIEZO ELECTRIC ACTUATOR

:F02D41/20,H01L41/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2012 201 161.7 1)ROBERT BOSCH GMBH (32) Priority Date :26/01/2012 Address of Applicant :Postfach 30 02 20 70442 Stuttgart (33) Name of priority country Germany :Germany (86) International Application No :PCT/EP2013/050564 (72) Name of Inventor: Filing Date :14/01/2013 1)BARTH Jens Holger (87) International Publication No :WO 2013/110522 2)KRIEG Markus (61) Patent of Addition to Application 3)OSTENDORF Boris :NA Number 4)GRAF Marco :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for charging or discharging a piezo electric actuator (100) in particular of an injection valve of an internal combustion engine wherein a first terminal (102) of the actuator (100) is set to a first reference potential (PB1) at least temporarily using a transfer inductance (L). The invention is characterized in that the actuator (100) is controlled dependent on a potential difference between the first reference potential (PB1) and a potential (P102) at the first terminal (102) of the actuator (100).

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

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR EVALUATING USER ACTIVITY LEVEL IN ANONYMOUS SOCIAL SYSTEM

(21) Application No.6012/DELNP/2014 A

(31) Priority Document No :2011 (32) Priority Date :26/12 (33) Name of priority country :China (86) International Application No Filing Date :07/12	Zhenxing Road Futian District Shenzhen Guangdong 518044 (2/2012 China (72)Name of Inventor: 1)WAN Linjia
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(57) Abstract:

The present invention is applicable to the technical field of information processing and provides a method and a device for evaluating user activity level in an anonymous social system. The method comprises: setting a state option in an anonymous social system and setting more than two states for the state option; detecting the state selected by a user; and determining the activity level of the user to the anonymous social system according to the selected state and pushing functional experience related to the activity level to a client where the user lies. Through the present invention pushing of functional experience of an anonymous social system is more target oriented and is higher in accuracy and stronger in real time performance.

No. of Pages: 23 No. of Claims: 25

(21) Application No.6013/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: POWER CONVERTER CIRCUIT POWER SUPPLY 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 	:H02J3/40 :13/352202 :17/01/2012 :U.S.A. :PCT/EP2013/050763 :16/01/2013 :WO 2013/107782 :NA	 (71)Name of Applicant: 1)INFINEON TECHNOLOGIES AUSTRIA AG Address of Applicant: Siemensstrae 2 A 9500 Villach Austria (72)Name of Inventor: 1)DEBOY Gerald 2)TANG Yi
Filing Date (87) International Publication No	:16/01/2013	, , , , , , , , , , , , , , , , , , ,
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

OUTOUTREC vvlDisclosed is a power converter circuit a power supply system and a method. The power converter circuit (1) comprises at least one converter series circuit comprising a plurality of converter units (2) the at least one converter series circuit configured to output a series circuit output current (il; i); and a synchronization circuit (10) configured to generate at least one synchronization signal (Si) wherein at least one of the plurality of converter units (2) is configured to generate an output current (il) such that at least one of a frequency and a phase of the output current (il) is dependent on the synchronization signal (S).

No. of Pages: 171 No. of Claims: 60

(21) Application No.6014/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention : NEGATIVE ELECTRODE FOR LITHIUM SECONDARY BATTERY AND METHOD FOR MANUFACTURING SAME

(51) International classification (71)Name of Applicant: :H01M10/052 (31) Priority Document No 1)NEC CORPORATION :2012028147 (32) Priority Date Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo :13/02/2012 (33) Name of priority country 1088001 Japan :Japan (86) International Application No :PCT/JP2012/076706 (72)Name of Inventor : Filing Date :16/10/2012 1)IRIYAMA Jiro (87) International Publication No :WO 2013/121624 2)KAJITA Tetsuya (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An objective of the present invention is to provide a method for manufacturing a negative electrode for a lithium secondary battery wherein conductive metal particles can be uniformly and easily formed in a conductive intermediate layer. The present invention provides a method for manufacturing a negative electrode for a lithium secondary battery which includes a current collector comprising a metal an active material layer comprising an active material and a binder and a conductive intermediate layer comprising conductive metal particles which is provided between the current collector and the active material layer the method comprising the steps of: (1) placing a polyamic acid on the current collector; (2) allowing migration to take place thereby causing the metal to transfer from the current collector into the polyamic acid; and (3) curing the polyamic acid by heating wherein the metal transferred into the polyamic acid constitutes the conductive metal particles.

No. of Pages: 33 No. of Claims: 24

(21) Application No.4181/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ANTI-EROSION TOOTHPASTE COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 8/21 :61/287,292 :17/12/2009 :U.S.A. :PCT/US2010/060970 :17/12/2010 :WO 2011/084673 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NY 10022, USA U.S.A. (72)Name of Inventor: 1)PILCH SHIRA 2)MASTERS JAMES 3)SULLIVAN RICHARD
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(57) Abstract:

Disclosed herein are oral care compositions comprising a fluoride ion source and phosphate salts, and methods of making and using the same.

No. of Pages: 12 No. of Claims: 6

(21) Application No.4182/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : HIGH CLEANING AND LOW ABRASION SILICA MATERIALS TO MODULATE ENTRAPMENT AND RELEASE OF HYDROPHOBIC ACTIVES IN DENTAL FORMULATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/12/2010 :PCT/US2010/060975 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant:300 PARK AVENUE, NEW YORK, NY 10022, USA U.S.A. (72)Name of Inventor: 1)PIMENTA PALOMA 2)PILCH SHIRA 3)MASTERS JAMES
Filing Date	:NA :NA	

(57) Abstract:

Described herein are compositions which modulate entrapment and release of flavorants and other actives in dental formulations.

No. of Pages: 31 No. of Claims: 11

(21) Application No.4183/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR DEACTIVATING AT LEAST ONE COMPONENT OF AN ENTITY OF A COMMUNICATIONS NETWORK, CORRESPONDING COMPUTER PROGRAM AND DEVICE

(51) International classification :H04W 52/02 (71)Name of Applicant: (31) Priority Document No :0958003 1)FRANCE TELECOM (32) Priority Date Address of Applicant: 6 PLACE D'ALLERAY, 75015 PARIS, :13/11/2009 (33) Name of priority country FRANCE France :France (86) International Application No :PCT/FR2010/052423 (72)Name of Inventor : Filing Date :15/11/2010 1) CHRISTIN PHILLIPPE (87) International Publication No :WO 2011/058283 2) CARIOU LAURENT (61) Patent of Addition to Application 3)BERNARD DAVID :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for deactivating at least one component of an entity of a wireless communication network including a plurality of entities, said communication network being organised into a plurality of communication layers including a physical layer. According to the invention, such a method includes, in said physical layer: a step of receiving a header of a frame of data extracted from a physical signal during reception; a step of decoding said header outputting at least one piece of information showing at least one addressee entity of said frame; a step of deactivating at least one component of said recipient entity of said header when the information representing said addressee entity designates an entity other than said recipient entity.

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

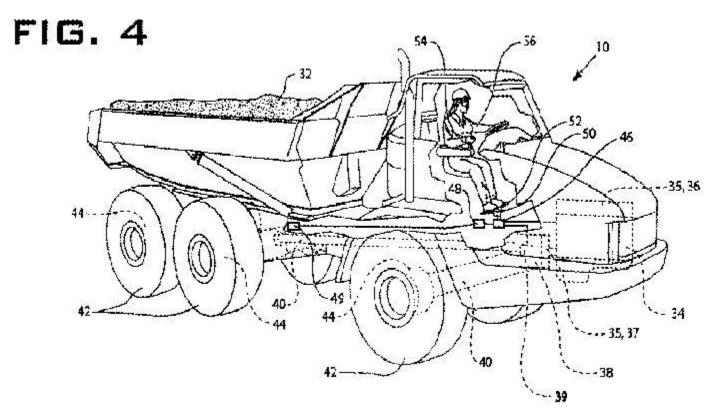
(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUTOMATIC DOWNHILL SPEED CONTROL SYSTEM

(51) International classification	:B60W 10/04	(71)Name of Applicant:
(31) Priority Document No	:12/623,526	1)CATERPILLAR INC.
(32) Priority Date	:23/11/2009	Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
(33) Name of priority country	:U.S.A.	ILLINOIS 61629-9510, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/051723	(72)Name of Inventor:
Filing Date	:07/10/2010	1)CHAPPELL, JONATHAN, D.
(87) International Publication No	:WO 2011/062697	2)BELL, JASON, D.
(61) Patent of Addition to Application	:NA	3)GRAHAM, PAUL
Number	:NA	4)ADAMS, RICHARD
Filing Date	.11/1	5)HARVEY, KEITH, F.
(62) Divisional to Application Number	:NA	6)THOMPSON, STEPHEN
Filing Date	:NA	7)DORNBERGER, JAMES, V.

(57) Abstract:

A method for automatically controlling the downhill speed of a machine. The method includes establishing a target machine speed based on a current machine speed and determining whether at least one trigger condition including a grade greater than a predetermined threshold has been satisfied. If satisfied, the method activates a control system to control at least one of a powertrain retarder and a change in a transmission gear to prevent exceeding the target machine speed.



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

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : MODEL CALCULATING UNIT, CONTROL UNIT AND A METHOD FOR CALCULATING A DATA-BASED FUNCTIONAL MODEL

		(71)Name of Applicant:
		1)ROBERT BOSCH GmbH
		Address of Applicant :Postfach 30 02 20, 70442 Stuttgart
 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F9/00 :102013206302.4 :10/04/2013 :Germany :PCT// :01/01/1900 : NA :NA :NA :NA	Address of Applicant :Postfach 30 02 20, 70442 Stuttgart Germany (72)Name of Inventor: 1)LANG, Tobias 2)MARKERT, Heiner 3)AUE, Axel 4)FISCHER, Wolfgang 5)SCHULMEISTER, Ulrich 6)BANNOW, Nico 7)STREICHERT, Felix 8)GUNTORO, Andre 9)FLECK, Christian 10)VIETINGHOFF, Anne Von 11)SAETZLER, Michael
		12)HANSELMANN, Michael
		13)SCHREIBER, Matthias

(57) Abstract:

The present subject matter relates to a model calculating unit (3) for calculating a data-based functional model in a control unit (1) comprising a computer core (31), wherein the computer core (31) comprises: - a multiplication unit (43) for hardware-based implementation of a multiplication; - an addition unit (42) for hardware-based implementation of an addition; - an exponential function unit (41) for hardware-based computation of an exponential function; - a memory, in particular a configuration register (45), for storing hyper parameters and data of the reference points of the data based functional model to be calculated, and - a logic circuit (46) for hardware-based control of the calculation process in the multiplication unit (43), the addition unit (42), the exponential function unit (41) and the memory, in particular the configuration register (45) to determine the data-based functional model.

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

(21) Application No.5991/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMBINED ANTENNA ANTENNA ARRAY AND METHOD FOR USING THE ARRAY ANTENNA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01Q1/24 :NA :NA :NA :PCT/SE2012/050035 :17/01/2012 :WO 2013/109173 :NA :NA	(71)Name of Applicant: 1)SAAB AB Address of Applicant: S 581 88 Linkping Sweden (72)Name of Inventor: 1)ELLGARDT Anders
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An antenna comprising a dipole portion having a first arm and a second arm a common mode rejection filter and a two conductor transmission line wherein the two conductor transmission line is arranged to act both as a dipole feed and as a monopole antenna and wherein a first end of the two conductor transmission line is arranged to be connected to a transmitter and/or a receiver and a second end of the two conductor transmission line is connected to a first end of the common mode rejection filter and a second end of the common mode rejection filter is connected to the dipole portion.

No. of Pages: 28 No. of Claims: 17

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : TYRE COMPRISING A CARCASS REINFORCEMENT CONSISTING OF CABLES AND CAPILLARY TUBES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:0958631 :03/12/2009 :France	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ESTABLISSEMENTS MICHELIN Address of Applicant: 12, COURS SABLON, 63000 CLERMONT-FERRAND, FRANCE France 2)MICHELIN RECHERCHE ET TECHIQUE S.A. (72)Name of Inventor: 1)ALAIN DOMINGO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a tire having a radial carcass reinforcement consisting of at least one layer of metal reinforcing elements, said tire including a top reinforcement, which is radially shrouded by a tread, said tread being joined top heads via two sidewalls. According to the invention, at least 70% of the metal reinforcing elements of at least one layer of the carcass reinforcement are unhanded cables, which, in the so-called permeability test, have a flow rate less than 20 cm3/mm, at least 1% of me reinforcing elements of said at least one carcass reinforcement layer being capillary tubes and, in a plane having a section perpendicular to the axis of the capillary tube, the ratio of the surface of the opening to the surface of material being greater than 0.4%.

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

(21) Application No.4188/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : POLYMERIZATION CATALYSTS AND PROCESS FOR PRODUCING BIMODAL POLYMERS IN A SINGLE REACTOR

(51) International classification:B01J 31/22(31) Priority Document No:11/208,077(32) Priority Date:15/09/2005(33) Name of priority country:U.S.A.

(86) International Application No
Filing Date
18/08/2006
18/08/2006

(87) International Publication No :WO 2007/037836 (61) Patent of Addition to Application

Number :NA Filing Date :NA

(62) Divisional to Application Number :1960/DELNP/2008 Filed on :05/03/2008 (71)Name of Applicant:

1) CHEVRON PHILLIPS CHEMICAL COMPANY, LP Address of Applicant: 10001 SIX PINES DRIVE, THE

WOODLANDS, TX 77380, U.S.A. U.S.A.

:PCT/US2006/032542 (72)Name of Inventor :

1)JAYARATNE, KUMUNDINI, C.

2) JENSEN, MICHAEL, D.

3)YANG, QING

(57) Abstract:

Catalyst compositions comprising a first metallocene compound, a second metallocene compound, an activator-support, and an organoaluminum compound are provided. An improved method for preparing cyclopentadienyl complexes used to produce polyolefms is also provided.

No. of Pages: 81 No. of Claims: 20

(21) Application No.6025/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/07/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: IN MOULD HANDLE MOVEMENT MECHANISM

(51) International

:B29C49/08,B29C49/42,B29B11/14 classification

(31) Priority Document No :2011905444 (32) Priority Date :24/12/2011 (33) Name of priority country: Australia

(86) International Application :PCT/IB2012/002783

:24/12/2012

Filing Date

(87) International Publication :WO 2013/093610

(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)INTEGRATED PLASTICS PTY LIMITED

Address of Applicant :12 Birmingham Street Villawood NSW

2163 Australia

(72) Name of Inventor:

1)BEALE Glenn Robert

(57) Abstract:

An in mould handle movement mechanism for repositioning a handle of a stretch blow moulded container from its initial as injected moulded location on a body of an injection moulded preform to a desired integrally attached position on said stretch blow moulded container.

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

(21) Application No.6026/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: FEMUR SUPPORT FOR A MEDICAL TABLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/01/2013 :WO 2013/112879 :NA :NA	(71)Name of Applicant: 1)AMERICAN STERILIZER COMPANY Address of Applicant:5960 Heisley Road Mentor OH 44060 U.S.A. (72)Name of Inventor: 1)LABEDZ Christopher D. 2)BELLOWS Lance Clark 3)TSENTR Michael M. 4)KEPHART Richard C.
Filing Date	:NA	

(57) Abstract:

A femur support assembly attachable to a surgical table. The support assembly is comprised of a support plate and an elongated rod reciprocally movable in a generally vertical direction relative to the support plate. An elongated support is mounted to the rod. The elongated support is rotatable about the rod and has a plurality of like apertures formed thereon. Each of the apertures defines a mounting position. A femur hook is provided having an end dimensioned to be received in one of the plurality of apertures.

No. of Pages: 44 No. of Claims: 12

(21) Application No.6027/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/07/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: MEDICAL TABLE WITH LEG SUPPORT

(51) International classification	:A61F5/00	(71)Name of Applicant:
(31) Priority Document No	:61/590943	1)AMERICAN STERILIZER COMPANY
(32) Priority Date	:26/01/2012	Address of Applicant :5960 Heisley Road Mentor OH 44060
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2013/023178	(72)Name of Inventor:
Filing Date	:25/01/2013	1)BELLOWS Lance Clark
(87) International Publication No	:WO 2013/112860	2)STEPHENS Paul D.
(61) Patent of Addition to Application	:NA	3)KESELMAN Yury
Number	:NA	4)LABEDZ Christopher D.
Filing Date	.11/1	5)KALMAN Jeff M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A patient support apparatus comprising a patient support having one or more pads for supporting a patient s torso and hip in a generally horizontal orientation. At least one elongated leg support extends from the patient support. The leg support is movable through a generally horizontal plane. A portion of the leg support is declinable and inclinable from the horizontal plane. A traction device is connected to the leg support. The traction device is attachable to a patient s leg and operable to exert a traction force on the patient s leg along an axis generally parallel to the leg support. The traction device is connected to the leg support by a slide assembly and the traction device can be secured stationary relative to the leg support or the traction device can slide relative to the leg support.

No. of Pages: 48 No. of Claims: 25

(21) Application No.4143/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PARTICULATE MEASUREMENT 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 	:F01N 3/00 :NA :NA :NA :PCT/US2010/044633 :06/08/2010 :WO 2012/018344 :NA	(71)Name of Applicant: 1)AVL NORTH AMERICA INC. Address of Applicant: 47519 HALYARD DRIVE, PLYMOUTH, MICHIGAN, 48170-2438 U.S.A. U.S.A. (72)Name of Inventor: 1)SILVIS WILLIAM MARTIN 2)WANKER ROLAND
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a vehicle emissions monitoring system capable of providing an accurate, real-time estimate of an amount of particulate matter (PM) within a vehicles exhaust. The system is capable of accurately differentiating the composition of that PM by identifying amounts attributable to soot, SOF, and sulfate.

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

(21) Application No.4144/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONVEYOR BELT WEAR DETECTION APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/11/2010 :WO 2011/058755 :NA :NA	(71)Name of Applicant: 1)BRIDGESTONE CORPORATION Address of Applicant: 10-1, KYOBASHI 1-CHOME, CHUO-KU, TOKYO 1048340, JAPAN. Japan (72)Name of Inventor: 1)NAKAMURA TOMOKI 2)SAKAGUCHI TOSHIKI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rubber magnet (3) includes a plate-like diagonal portion (21) and a plate-like parallel portion (22) which are both magnetized in a thickness direction, the diagonal portion (21) extending in a conveyor belt width direction while linearly extending, in section in a conveyor belt length direction, from an outer side end (3b), which is closer to the front-side surface (2a), to an inner side end (3a), which is away from the front-side surface (2a), while being at an angle to the front-side surface (2a), the parallel portion (22) being formed continuously from the inner side end (3 a) of the diagonal portion, so as to be arranged parallel to the front-side surface (2a).

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

(21) Application No.4145/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: NON-CONTACTING SENSOR ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:16/11/2010 :WO 2011/060414 :NA :NA	(71)Name of Applicant: 1)CTS CORPORATION Address of Applicant:905 WEST BOULEVARD NORTH, ELKHART, INDIANA 46514, U.S.A. U.S.A. (72)Name of Inventor: 1)BABIN BRIAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A non-contacting sensor assembly including a connector assembly and a magnet assembly. The connector assembly includes a sensor coupled directly to the end of the terminals of the connector assembly. A sleeve is overmolded around and seals the sensor and the terminals. A capacitor is soldered in a recess in the terminals. The terminals include flexible regions, such as regions of reduced thickness, which reduce the effects of thermal expansion/contraction stresses on the solder. In one embodiment, the sensor assembly is a rotary position sensor assembly in which the magnet assembly is molded into a rotatable drive arm assembly located in a housing, the connector assembly is coupled to the housing, and the sensor extends into the housing and into adjacent relationship with the magnet assembly.

No. of Pages: 32 No. of Claims: 19

(21) Application No.4146/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ROLLER MILL AND METHOD FOR DRIVING A ROLLER MILL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B02C 15/00 :10 2010 016 011.3 :18/03/2010 :Germany :PCT/EP2011/050613 :18/01/2011 :WO 2011/113624 :NA :NA	(71)Name of Applicant: 1)THYSSENKRUPP POLYSIUS AG Address of Applicant:GRAF-GALEN-STR. 17, 59269 BECKUM, GERMANY. Germany (72)Name of Inventor: 1)KONNING LUDWIG 2)SCHOLZ GUIDO 3)BERNDZEN BENJAMIN
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(57) Abstract:

The roller mill according to the invention substantially comprises a grinding table, at least one grinding roller which is in rolling engagement with the grinding table, a main drive system for driving the grinding roller and/or the grinding table and an auxiliary drive for driving the grinding table. The auxiliary drive comprises at least two linear drives for rotating the grinding table and a control device for individually controlling the linear drives in order to provide an uninterrupted rotational movement.

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

(21) Application No.4125/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUSTENITIC HEAT RESISTANT ALLOY

(51) International classification	:C22C 19/05	(71)Name of Applicant:
(31) Priority Document No	:2009-279982	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:10/12/2009	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(86) International Application No	:PCT/JP2010/071954	CHIYODA-KU, TOKYO 100-8071, JAPAN Japan
Filing Date	:08/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/071054	1)HIRATA, HIROYUKI
(61) Patent of Addition to Application	:NA	2)OKADA, HIROKAZU
Number	:NA	3)SEMBA, HIROYUKI
Filing Date	:INA	4)OGAWA, KAZUHIRO
(62) Divisional to Application Number	:NA	5)ISEDA, ATSURO
Filing Date	:NA	6)YOSHIZAWA, MITSURU

(57) Abstract:

An austenitic heat resistant alloy consisting of, by mass percent, C: 0.15% or less, Si: 2% or less, Mn: 3% or less, Ni: 40 to 60%, Co: 0.03 to 25%, Cr: 15% or more and less than 28%, either one or both of Mo: 12% or less and W: less than 4%, the total content thereof being 0.1 to 12%, Nd: 0.001 to 0.1%, B: 0.0005 to 0.006%, N: 0.03% or less, O: 0.03% or less, at least one selected from Al: 3% or less, Ti: 3% or less, and Nb: 3% or less, the balance being Fe and impurities, and the contents of P and S in the impurities being P: 0.03% or less and S: 0.01% or less, wherein the alloy satisfies $1<4\times4$ Al $+2\times1$ + Nb <12 and P $+0.2\times1$ CrxB <0.035, is excellent in both of weld crack resistance and toughness of HAZ, and is further excellent in creep strength at high temperatures.

No. of Pages: 36 No. of Claims: 2

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR DISPLAY OUTPUT STUTTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F 1/32 :12/604,216 :22/10/2009 :U.S.A. :PCT/IB2010/002668 :19/10/2010 :WO 2011/048467 :NA	(71)Name of Applicant: 1)ATI TECHNOLOGIES ULC Address of Applicant: ONE COMMERCE VALLEY DRIVE EAST, MARKHAM, ONTARIO L3T 7N6, CANADA. Canada (72)Name of Inventor: 1)CARTER, COLLIS, QUINN, TROY
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Apparatus and methods for reducing power consumption of a data transfer interface in a computer system are disclosed. In one embodiment, a method for reducing power consumption of a data transfer interface between a first device and a second device, includes, identifying a free interval between a first data and a second data, disabling the data transfer interface during the free interval, enabling the data transfer interface at the end of the free interval, and transmitting the second data. The method may also include a step of notifying the second device that the data transfer interface is being temporarily disabled. Another embodiment, for example, includes the transfer of display data (or video frames) over an interface, such as, a DisplayPort interface, between a graphics controller device and a timing controller device in a computer system.

101

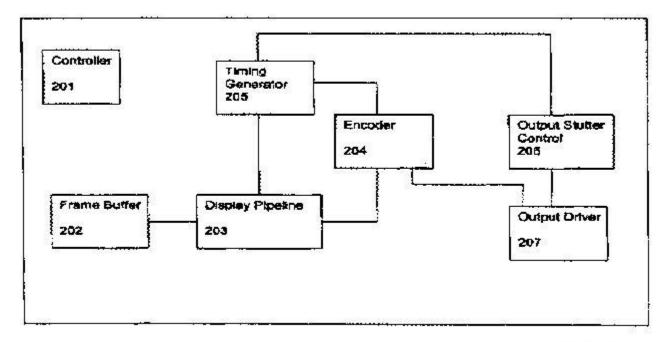


FIG. 2

No. of Pages: 26 No. of Claims: 20

(21) Application No.4128/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR CALIBRATING A VOLTAGE MEASUREMENT ON A DRIVING CIRCUIT

(51) International classification	:G01R 35/00	(71)Name of Applicant:
(31) Priority Document No	:10 2009 047 608.3	1)ROBERT BOSCH GMBH
(32) Priority Date	:08/12/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:PCT/EP2010/068104	(72)Name of Inventor:
Filing Date	:24/11/2010	1)FRICKER, DAVID
(87) International Publication No	:WO 201/069825	
(61) Patent of Addition to Application	.NI A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

A method for calibrating a voltage measurement is described. A driving circuit (3) is switched so that a first defined potential is applied to a terminal connection. A voltage (Ul, U2) is measured on a motor connection with the first defined potential applied in order to obtain first voltage information. The driving circuit (3) is switched so that a second defined potential is applied to a terminal connection. The voltage (Ul, U2) is measured on the motor connection with the second potential applied in order to obtain second voltage information. A correction factor is determined as a slope defined precisely by the first and second voltage information.

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

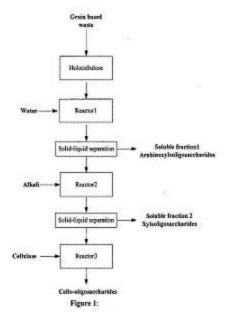
(22) Date of filing of Application :16/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A PROCESS FOR FRACTIONATION OF OLIGOSACCHARIDES FROM CEREAL BRAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	C08H8/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)LALI ARVIND MALLINATH Address of Applicant: DBT-ICT CENTRE FOR ENERGY BIOSCIENCES, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PARIKH MARG MATUNGA (EAST), MUMBAI-400019, MAHARASHTRA,
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	INDIA. Maharashtra India (72)Name of Inventor: 1)LALI ARVIND MALLINATH 2)ODANETH, ANNAMMA ANIL 3)PEDNEKAR, MUKESH PRABHAKAR

(57) Abstract:

The present invention provides a continuous and cost effective chemo-enzymatic process for fractionation of holocellulose, obtained from agri-waste, into arabinoxylooligosaccharides, xylooligosaccharides and cellooligosaccharides, suitable for commercial applications. The process comprises of mixing the holocellulose with an aqueous medium in a controlled condition to obtain an aqueous extract comprising of soluble arabinoxylooligosaccharides and insoluble solid fraction; followed by treatment of the solid fraction with an aqueous alkali solution at controlled condition to obtain soluble xylooligosaccharides and cellulose residue. The cellulose residueis thereafter suspended in aqueous acid solution followed by treatment with an enzyme at controlled condition to obtain soluble cellooligosaccharides. The arabinoxylooligosaccharides, xylooligosaccharides and cellooligosaccharides obtained from the process havea degree of polymerization greater than 4.



No. of Pages: 17 No. of Claims: 9

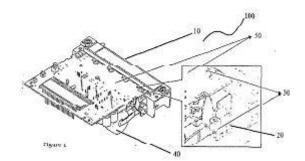
(22) Date of filing of Application :29/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: MECHANISM FOR VOLTAGE CONNECTION USING LINKS

	1101D	
	:H01R	(71)Name of Applicant:
(51) International classification	13/00,	1)LARSEN & TOUBRO LIMITED
	H02H7/10	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(31) Priority Document No	:NA	HOUSE, BALLARD ESTATE, P.O.BOX: 278, MUMBAI 400
(32) Priority Date	:NA	001, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KAMALAKAR M
Filing Date	:NA	2)VIJENDRA 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 mechanism for voltage connection using links for watt-hour meter. The mechanism includes housing, a plurality of conductive terminals housed within the housing, a plurality of shorting links, each shorting link mounted on upper surface of each conductive terminal of the plurality of conductive terminals, a printed circuit board having openings configured therethrough for receiving upper portions of the plurality of shorting links thereby forming connection therebetween, and a plurality of current transformers secured to a side portion of each conductive terminal to form electrical connection between the plurality of conductive terminals and the plurality of shorting link.



No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :03/02/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: INTELLIGENT FUEL CONSUMPTION REDUCTION SYSTEM AT TRAFFIC SIGNALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G08G1/0967, B60K31/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	 (71)Name of Applicant: 1)Mr. Shitalkumar S. Pawar Address of Applicant: At post wakad, TalNiphad, Dist Nashik-422 301 Maharashtra India (72)Name of Inventor: 1)Mr. Shitalkumar S. Pawar 2)Mr. P. M. Vibhute 3)Miss. Pratima Shinde 4)Mr. Sandeep Kabnurkar
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(57) Abstract:

The present invention relates to a wireless, cost effective, easy to install Intelligence Traffic Control System in order to effectively save the fuel consumed by vehicle and also to control the traffic. The present invention is implemented by using RF (Radio Frequency) trans-receiver. The fuel consumed by single vehicle for 60 seconds doesnTMt make much difference in consumption of fuel, but if we consider number of vehicles present at traffic signal, it will definitely make large difference. Thus with the present invention we will be able to avoid unnecessary fuel consumption at the traffic signal and thus we will be able to save huge amount of fuel. Following invention is described in detail with the help of Figure 1 of sheet 1 which shows Block diagram of receiver and Figure 2 of sheet 2 shows Block diagram of Transmitter Figure 3 of sheet 2 shows schematic representation of Transmitter module place on traffic signal, Figure 4 of the sheet 2 shows schematic representation of Arrangement of receiver module in the car, Figure 5 of the sheet 3 shows schematic representation of digital compass and Figure 6 of the sheet 4 shows flowchart for transmission.

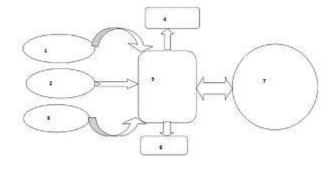


Figure 1

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

(22) Date of filing of Application :28/11/2013

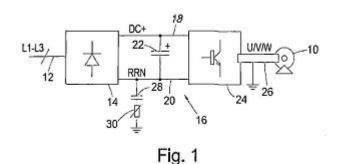
(43) Publication Date: 06/11/2015

(54) Title of the invention: CONDUCTED EMISSIONS FILTERS

(32) Priority Date (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication No (38) International Publication No (39) International Publication No (30) Priority Date (31) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (37) Name of Inventor: (38) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (36) Name of Inventor: (37) Name of Inventor: (37) Name of Inventor: (38) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (31) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (36) Name of Inventor: (37) Name of Inventor: (38) Name of In	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:EUROPEAN UNION :NA :NA : NA :NA :NA	(72)Name of Inventor: 1)ROBELIN ARNAUD 2)PETILLON JEAN-MARC MAURICE
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(57) Abstract:

Conducting emission suppression in a power circuit for an electric motor comprises a negative temperature co-efficient resistor and capacitor connecting one of the power lines to ground. The NTC resistor is self-stabilising so that changes in the load current are automatically compensated for.



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

(22) Date of filing of Application :28/11/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: A BENDING HONEYCOMB PANEL STRUCTURE

	:B21D7/06,	(71)Name of Applicant :
(51) International classification	B21D11/00,	1)Hunter Douglas Architectural Products (China) Co., Ltd.
	B21D11/08,	Address of Applicant :2805 Zhong Chun Road, Xinzhuang
	B21D7	Industry Park, Shanghai 201108, China China
(31) Priority Document No	:201220643249.0	(72)Name of Inventor:
(32) Priority Date	:29/11/2012	1)Liu Xinghua
(33) Name of priority country	:China	2)Wang Wenliang
(86) International Application No	:NA	3)Wang Yongle
Filing Date	:NA	4)WANG YONGLE
(87) 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) A1		·

(57) Abstract:

A bending honeycomb panel structure comprising a pair of embedded connecting proximate matters on which a deep groove is respectively arranged and a locking proximate matter. Both the embedded connecting proximate matters are arranged symmetrically, with a symmetrical side serving as an inclined plane or a flat plane; wherein, the inclined plane or the flat plane of one embedded connecting proximate matter is provided with a grab slot; and the locking proximate matter is clamped in the grab slots. When the bending honeycomb panel structure is in use, both the technique and equipment for manufacturing the honeycomb panel can be used for the purpose of adopting the bending honeycomb panel structure provided by the utility model, besides, manual process on additional angular plates and self-plugging rivets can be reduced, which is not only convenient for manufacturing products, but also greatly improves the production efficiency and reduces the cost of production. The damage of cutting grooves to the honeycomb core structure of the bending honeycomb panel structure is avoided, and the product quality is improved. As the angle sheets and rivets do not need to be used on the back surface of the bending honeycomb panel structure, and the appearance of the back surface of the bending honeycomb panel structure is improved. As for a remote project, the process for bending the honeycomb panel can be transferred to the project site. The honeycomb panel is shaped like a flat plate for packaging and shipping, covering a small space, thus saving a large amount of packing and transportation cost.

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

(22) Date of filing of Application :03/02/2014

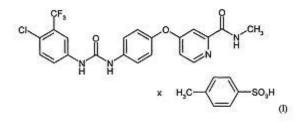
(43) Publication Date: 06/11/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF CRYSTALLINE FORM III OF SORAFENIB TOSYLATE

(51) International classification(31) Priority Document No(32) Priority Date	A61K31/44 :NA :NA	(71)Name of Applicant: 1)ALEMBIC PHARMACEUTICALS LIMITED Address of Applicant: Alembic Research Centre, Alembic Pharmaceuticals Limited, Alembic Road, Vadodara-390 003.
(33) Name of priority country (86) International Application No	:NA :NA	Gujarat, India. Gujarat India (72)Name of Inventor:
Filing Date	:NA	1)BAROT, Dinbandhu
(87) International Publication No	: NA	2)YADAV, Narendra
(61) Patent of Addition to Application Number	:NA	3)PATIL, Sachin
Filing Date	:NA	4)PARIKH, Chirag
(62) Divisional to Application Number	:NA	5)RATHOD, Dhiraj
Filing Date	:NA	6)JAYARAMAN, Venkat Raman

(57) Abstract:

The present invention provides novel process for the preparation crystalline sorafenib tosylate of formula (I). Formula I



Formula I

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

(22) Date of filing of Application :28/11/2013

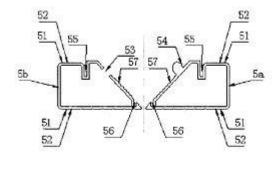
(43) Publication Date: 06/11/2015

(54) Title of the invention: A BENDING HONEYCOMB PANEL STRUCTURE

	:B21D7/06,	(71)Name of Applicant :
(51) International classification	B21D11/00,	1)Hunter Douglas Architectural Products (China) Co., Ltd.
(31) International classification	B21D11/08,	Address of Applicant :2805 Zhong Chun Road, Xinzhuang
	B21D7	Industry Park, Shanghai 201108, China China
(31) Priority Document No	:201220643123.3	(72)Name of Inventor:
(32) Priority Date	:29/11/2012	1)Liu Xinghua
(33) Name of priority country	:China	2)Wang Wenliang
(86) International Application No	:NA	3)Wang Yongle
Filing Date	:NA	
(87) 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 bending honeycomb panel structure comprising a pair of embedded connecting proximate matters on which a deep groove is respectively arranged. Both the embedded connecting proximate matters are arranged symmetrically, with a symmetrical side serving as an inclined plane; wherein, the inclined plane of one embedded connecting proximate matter is provided with a grab hook, while the inclined plane of the other embedded connecting proximate matter is provided with a grab slot. When in use, the embedded connecting proximate matters are placed in a dog-eared position of a honeycomb panel body in advance, which are consolidated into a whole with the body, and then available to be bent into an angular shape. Both the technique and equipment for manufacturing the honeycomb panel can be used for the purpose of adopting the bending honeycomb panel structure provided by the utility model, besides, manual process on additional angular plates and self-plugging rivets can be reduced, which is not only convenient for manufacturing products, but also greatly improves the production efficiency and reduces the cost of production. As for a remote project, the process for bending the honeycomb panel can be transferred to the project site. The honeycomb panel is shaped like a flat plate for packaging and shipping, covering a small space, thus saving a large amount of packing and transportation cost.



No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :02/01/2014

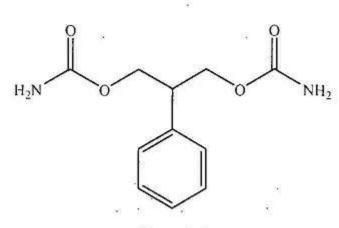
(43) Publication Date: 06/11/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF FELBAMATE

(51) International classification(31) Priority Document No	:C07C271/12, C07C29/12 :NA	(71)Name of Applicant: 1)ENALTEC LABS PRIVATE LIMITED Address of Applicant:17TH FLOOR, KESAR SOLITAIRE,
(32) Priority Date	:NA	PLOT NO.5 SECTOR-19, SANPADA, NAVI MUMBAI
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. PIN CODE: 400705 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BOBBA VENKATA SIVAKUMAR
(61) Patent of Addition to Application Number	:NA	2)KODALI ESWARA RAO
Filing Date	:NA	3)GIRISH BANSILAL PATEL
(62) Divisional to Application Number	:NA	4)SANJAY DASHRATH VAIDYA
Filing Date	:NA	5)ALOK PRAMOD TRIPATHI

(57) Abstract:

The present invention relates to an improved process for preparation of Felbamate compound of structural formula I comprising reacting a compound of structural formula II with sodium cyanate in the presence of dry hydrochloric acid in methylene dichloride solvent and isolating Felbamate compound of structural formula I.



Formula I

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

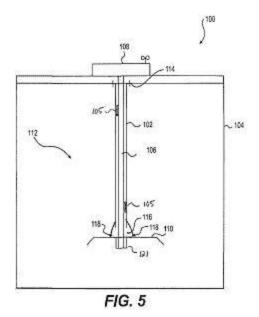
(22) Date of filing of Application :22/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: MIXING APPARATUS WITH STATIONARY SHAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 		(71)Name of Applicant: 1)SPX CORPORATION Address of Applicant:13320 BALLANTYNE CORPORATE PLACE, CHARLOTTE, NC 28277 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JAMES MAXON 2)RICHARD HOWK
(87) International Publication No		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a mixing system for mixing fluids or the like in a mixing vessel. The mixing system includes a fixed conduit connected to the top portion of the vessel extends into the vessel. The system also has a rotating shaft having disposed within the fixed conduit that rotates within the fixed conduit while the mixing system is in operation. An impeller is attached to the rotating shaft. The impeller blade has a flat central disk portion, at least a pair of extensions extending from a central disk portion, and at least two leading edges defined by the outer periphery of the disk portion. Each leading edge spans from one extension to an adjacent extension, and each leading edge has at least a portion at which the radius of the leading edge from the center increases to form a continuous increasing radius curve. Each leading edge forms an increasing radius spiral edge surface in between the extension



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

(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 06/11/2015

(54) Title of the invention: A SYSTEM AND A METHOD FOR PROVIDING A BYPASS MODE OPERATION IN SINGLE PHASE AC-AC MATRIX CONVERTER FOR HIGH INTENSITY DISCHARGE (HID) LAMPS.

	:H03K	(71)Name of Applicant :
(51) International classification	19/00,H05B	
	41/00	Address of Applicant :CG HOUSE, DR. ANNIE BESANT
(31) Priority Document No	:NA	ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)CHAUDHARY MUKESH KUMAR
Filing Date	:NA	2)RAWAT CHANDAN SINGH
(87) International Publication No	: NA	3)HASSAN HAFIZ IMTIAZ
(61) Patent of Addition to Application Number	:NA	4)SAHA RAJA
Filing Date	:NA	5)WACHASUNDAR SHRIPAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and a method for providing a bypass mode operation in single phase AC-AC matrix converter, for providing high voltage to a load, said system comprising: at least a first set of solid state devices in series with each other and cumulatively, in parallel to said load; at least a second set of solid state devices in parallel to each other and independently, in series to said load; at least a gating signal generator adapted to generate gating signals to switch on or to switch off said solid state devices; at least a first control mechanism adapted to provide logic for: control of gating signal generator in order to provide gating signals in accordance with a first sequence of a pre-determined pattern for entering said bypass mode; and control of gating signal generator in order to provide gating signals in accordance with a second sequence of a pre-determined pattern for exiting said bypass mode; and at least a second control mechanism adapted to provide logic for control of gating signals based on determination of pre-determined parameters relating to voltage cycles.

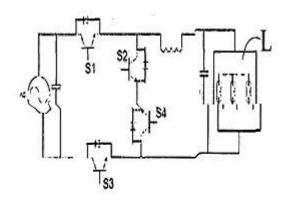


Figure 1

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

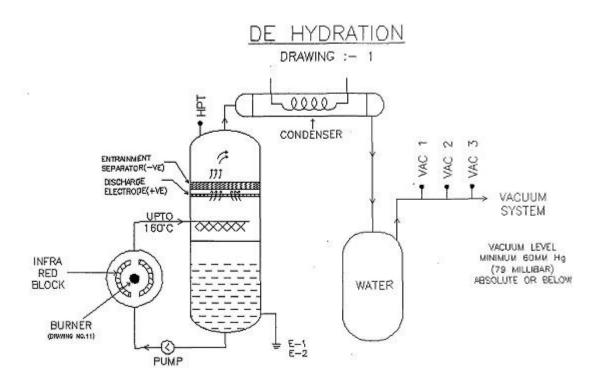
(22) Date of filing of Application :18/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention : A SYSTEM FOR RE-RECOVERY OF BASE OIL THROUGH VACUUM DISTILLATION AND VACUUM IONIZATION

(51) International classification(31) Priority Document No(32) Priority Date	9/00 :NA	(71)Name of Applicant: 1)YADLAPALLI KONDALA RAO Address of Applicant:702, LILLIER COMPLEX, AKOTA, BARODA-390005 Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)YADLAPALLI KONDALA RAO
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An Invention for process and system of vacuum distillation and vacuum Ionization and recovery of base Lube oil where in suppression and removal of sub micron particles, and sulphides, .aromatics . The process will reduce post treatment costs the system is used for the use of infra red burners for heating of used oils to avoid excessive localized temperature, cracking and hot spots .



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

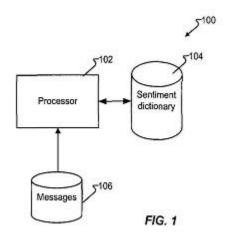
(22) Date of filing of Application :24/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUTOMATIC DOMAIN SENTIMENT EXPANSION

(51) International classification	:G06F17/27	(71)Name of Applicant:
(31) Priority Document No	:14/023,967	1)AVAYA, INC
(32) Priority Date	:11/09/2013	Address of Applicant :211, MOUNT AIRY ROAD,
(33) Name of priority country	:U.S.A.	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BECKER, LEE
(87) International Publication No	: NA	2)MATULA, VALENTINE C
(61) Patent of Addition to Application Number	:NA	3)SKIBA, DAVID
Filing Date	:NA	4)ERHART, GEORGE W.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems for automatically extending a sentiment dictionary are provided. Starting with an initial set of elements (e.g., words, emoticons, etc.) having a known sentiment, messages can be analyzed for words frequently appearing in association with such words. As a result the frequently appearing words may then be associated with a sentiment and used to help determine the sentiment of a message.



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

(22) Date of filing of Application :24/12/2013

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD, APPARATUS, AND SYSTEM FOR PROVIDING AND USING SUBSCRIPTIONS AND FILTERING BASED ON TREE STRUCTURES

(51) International classification(31) Priority Document No(32) Priority Date	:G06F 17/00 :13/801,721 :13/03/2013	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)BRAUDES, ROBERT
Filing Date	:NA	2)BRUNSON, GORDON R.
(87) International Publication No	: NA	3)MICHIE, KENNETH O.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems are provided such that users, servers, and applications may utilize an extensible data filtering model where data is organized into a tree with filtering available at any node level. Accordingly, the node filtering and propagation method and system allows for the efficient management and automatic replication of common information for multiple applications at all data levels.

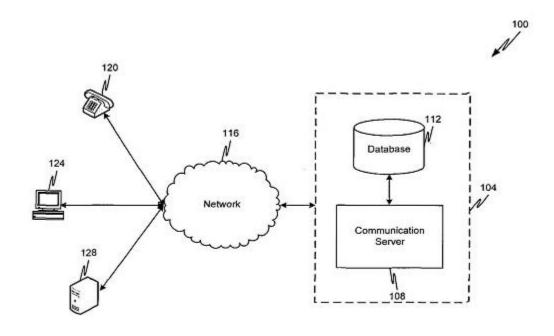


FIG. 1

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

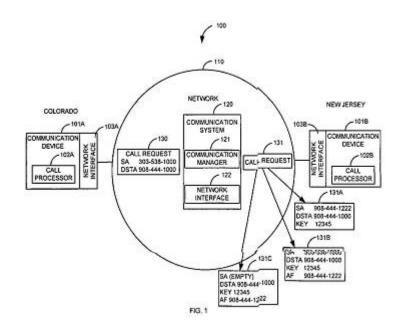
(22) Date of filing of Application :24/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: ROUTING TECHNIQUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:13/05/2013 :U.S.A. :NA :NA : NA : NA	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)DESHPANDE, BANSIDHAR A. 2)NARAYANAN, SRINIVASAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A first communication device sends a call request to a second communication device. The call request comprises a source address associated with the first device and a destination address associated with the second communication device. A communication system modifies the call request by replacing or augmenting the source address with a dynamic address and adding a key associated with the source address. The modified request is sent to the second device. If a user at the second device wants to make a return call, a call request is sent using the dynamic address as the destination address along with the key. The call request is routed to the first communication address by determining the source address of the first communication device from the key.



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

(22) Date of filing of Application :24/12/2013

(43) Publication Date: 06/11/2015

(54) Title of the invention: SHARED BACK-TO-BACK USER AGENT

(51) International classification	:H04L29/06	(71)Name of Applicant:
(31) Priority Document No	:13/927,344	
(32) Priority Date	:26/06/2013	Address of Applicant :211, MOUNT AIRY ROAD,
(33) Name of priority country	:U.S.A.	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RASTOGI VIPUL
(87) International Publication No	: NA	2)HASERODT, KURT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Mechanisms for sharing a Back-to-Back User Agent (B2BUA) instance between a plurality of services are provided. By sharing a single B2BUA instance, the need for additional Session Initiation Protocol (SIP)-related container processes and objects is obviated. In particular, a Micro-Sequencer Application Router Service (MSARS) is provided with the ability to deploy and undeploy a plurality of Micro-Sequenced Services (MSS) as well as provide a definition of a Micro-service B2BUAhelper class which creates linked SIP Sessions.

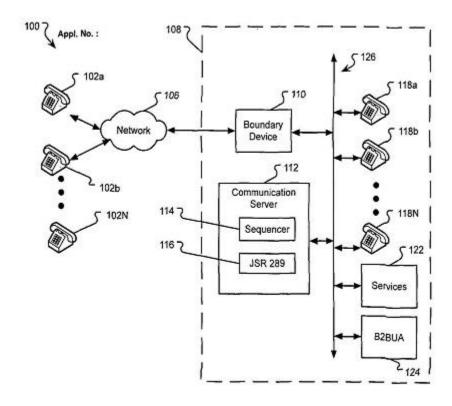


FIG. 1

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

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

(19) INDIA

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: PRIORITIZE CONTACT NUMBERS OF CUSTOMERS IN REAL TIME

,	(71)Name of Applicant:
	1)AVAYA, INC
	Address of Applicant :211, MOUNT AIRY ROAD,
:13/902,509	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
:24/05/2013	(72)Name of Inventor:
:U.S.A.	1)TALAPADY, SHAILESH
:NA	2)BAWGE, VIVEK
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	G06Q 30/00 :13/902,509 :24/05/2013 :U.S.A. :NA :NA :NA :NA

(57) Abstract:

A microprocessor executable contact manager operable to determine, for selected different types of customer communication devices, a likelihood of contacting successfully a customer at a respective type of customer communication device and select, based on the likelihood, an order and/or sequence in which to contact customer communication devices of the different customer communication device types.

No. of Pages: 37 No. of Claims: 10

(22) Date of filing of Application :24/12/2013

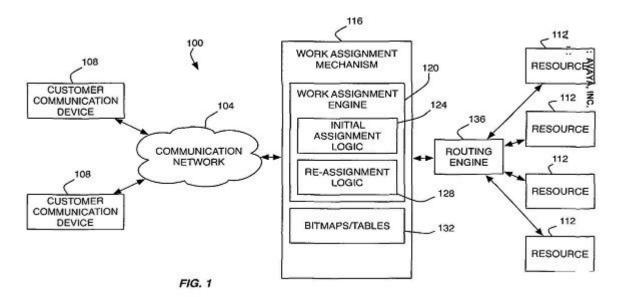
(43) Publication Date: 06/11/2015

(54) Title of the invention: INTERRUPTIBLE WORK REASSIGNMENT

(51) International classification	:H04M3/523, H04M3/00	(71)Name of Applicant: 1)AVAYA, INC
(31) Priority Document No	:13/764,504	Address of Applicant :211, MOUNT AIRY ROAD,
(32) Priority Date	:11/02/2013	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)STEINER, ROBERT C.
Filing Date	:NA	2)UBA, GENE
(87) 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 contact center is described along with various methods and mechanisms for administering the same. The contact center proposed herein provides the ability to, among other things, mark a work item as interruptible. The work item may receive an interruptible marking when the work item is assigned to an adequately-matched agent rather than a well-matched. Processing of the work item by the adequately-matched agent may be interrupted if the well-matched agent becomes available prior to the work item being completed by the adequately-matched agent.



No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: RECONSTRUCTION OF STATES ON CONTROLLER FAILOVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L 29/00 :13/932,004 :01/07/2013 :U.S.A. :NA	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)NARAYANAN, SRINIVASAN
(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 method, comprising determining that a primary server involved in a communication session between at least a first endpoint and at least a second endpoint has failed during the communication session determining that a survivable server will replace the primary server providing information from the at least a first endpoint to the survivable server, where the information provided to the survivable server comprises state information about the communication session as viewed by the at least a first endpoint enabling the survivable server to reconstruct state information for the communication session based on the information received from the at least a first endpoint providing reconstruction information from the survivable server to the at least a first endpoint, where the reconstruction information provided to the at least a first endpoint comprises state information for the communication session as viewed by the survivable server and enabling the at least a first endpoint to continue the communication session during the reconstruction of the state information.

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :24/12/2013

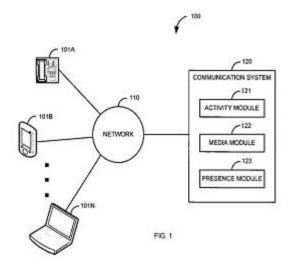
(43) Publication Date: 06/11/2015

(54) Title of the invention: ADVANCED PRESENCE STATES FOR COLLABORATION APPLICATIONS

(51) International classification	:H04M 3/00, H04M 15/00	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(31) Priority Document No	,	(72)Name of Inventor:
(32) Priority Date	:26/04/2013	
(33) Name of priority country	:U.S.A.	2)MIRANDA, IGNACIO
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 system and method determine an activity associated with a user. An action associated with a media type of the activity or a role of the user within the activity is determined. For example, the activity can be how much the user talks during a conference call or if the users role is that of a moderator. In response to determining the action associated with the media type of the activity or the role of the user within the activity, a presence state of the user is modified. The modified presence state is then communicated to a second user. This allows for a more accurate presence state of the user. It also allows other users to make contact at times where the user is more likely to communicate.



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

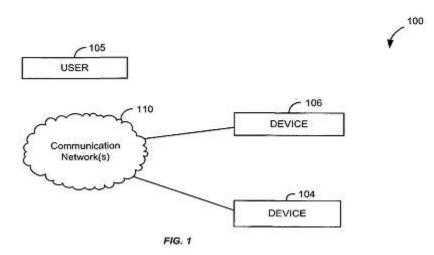
(22) Date of filing of Application :24/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: SHARED LOCK CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M1/67 :13/833,772 :15/03/2013 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	
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(57) Abstract:

The present disclosure is directed to methods and systems for setting a lock state for a second device in a system, where the system includes a server, a first device in communication with the server, and the second device in communication with the server, the method including: (a) a user setting a lock state for the first device; and (b) the system setting a lock state for the second device in response to the user setting the lock state for the first device.



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

(22) Date of filing of Application :09/01/2014

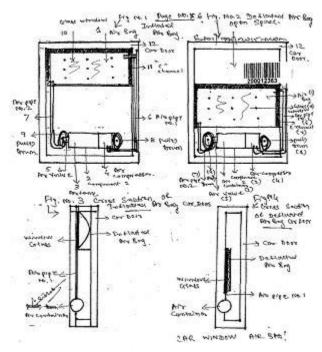
(43) Publication Date: 06/11/2015

(54) Title of the invention: CAR WINDOW AIR BAG

(51) International classification	:B60R 21/16, B60R21/233	(71)Name of Applicant : 1)KIRIT MURTI SHAH
(31) Priority Document No	:NA	Address of Applicant :E-1101, SAI RADIANCE, PLOT NO.
(32) Priority Date	:NA	59,60,61, SECTOR-15, CBD BELAPUR, NAVI MUMBAI-
(33) Name of priority country	:NA	400614. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KIRIT MURTI SHAH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Numb	er:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Car window Air Bag system made out by assembling together 3 components, as first component which is an air bag(l), attached to the second component(2), comprising of air tank (3), air compressor (4), and air release valve(5), with the help of third component, which is air pipe No. 1(6), which is winded on pulley drum (8) and air pipe No.2(7), which is winded on pulley drum(9), air bag is attached to car window glass(lO) with the help of Cchannel(ll) in a car door(12).



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

(21) Application No.4070/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention : BROWSER-BASED COMMUNICATIONS ENHANCED WITH ENTERPRISE COMMUNICATION FEATURES

(51) International classification	:H04L29/06	(71)Name of Applicant:
(31) Priority Document No	:14/054,275	1)AVAYA, INC
(32) Priority Date	:15/10/2013	Address of Applicant :211, MOUNT AIRY ROAD,
(33) Name of priority country	:U.S.A.	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)EZELL, JOEL M.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods are described for enabling browser-to-phone and browser-to-browser communications to be enhanced with enterprise communication features. Specifically, a Collaboration Environment is disclosed with the ability to interface a browser with an enterprise communication network. The Collaboration Environment is exposed to browsers via a media server and/or websocket and is enabled to communicate with the browsers via a purpose-built library.

No. of Pages: 42 No. of Claims: 10

(22) Date of filing of Application :26/12/2013

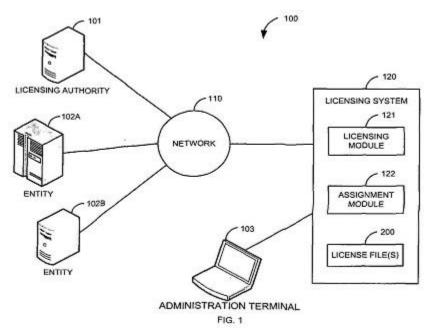
(43) Publication Date: 06/11/2015

(54) Title of the invention: CENTRALIZED LICENSING SYSTEM

G06Q30/00, 106F21/10 3/913,900 0/06/2013 J.S.A. NA
NA NA

(57) Abstract:

A request to activate a license file is received by a licensing system. The license file comprises a number of licenses. A license may be any type of license. The license file is assigned a license file identifier. A license extension is assigned to the license file identifier. A request to acquire a portion (or all) of the number of licenses of the license file is received from an entity. The portion (or all) of the number of licenses of the license extension. The entity can then use the licenses as necessary.



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

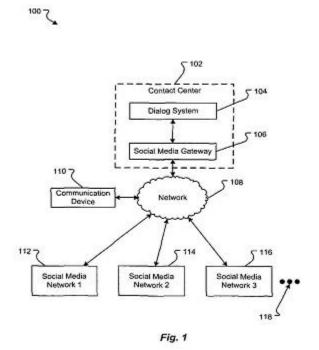
(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: ANSWER BASED AGENT ROUTING AND DISPLAY 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 	:H04M3/523 :13/833,453 :15/03/2013 :U.S.A. :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)ERHART, GEORGE 2)MATULA, VALENTINE C 3)SKIBA, DAVID
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(57) Abstract:

A system can determine a best routing of a customer contact based on analysis of one or more automatically generated answers. A customer may provide an inquiry through a social media contact. The contact center can analyze the inquiry to generate one or more automated answers. The system then analyzes the automated answers. The analysis may include studying various attributes of the answer, either in relation to the inquiry or based in historical data. From the analysis, the system can modify the answers and/or provide a different or improved pool of agents to handle the contact. Thus, an improved set of answers and agents is provided for managing the contact.



No. of Pages: 53 No. of Claims: 10

(22) Date of filing of Application :26/12/2013

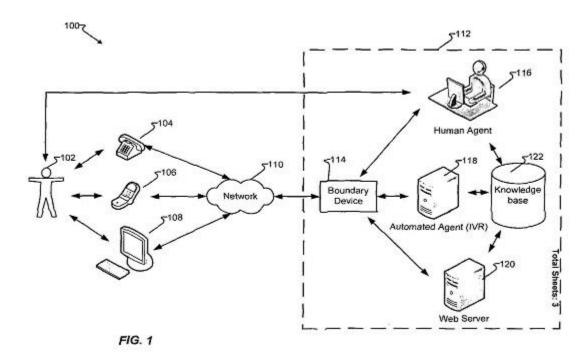
(43) Publication Date: 06/11/2015

(54) Title of the invention: CROSS-DOMAIN TOPIC EXPANSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	G06F17/30 :13/928,832	, · · · · · · · · · · · · · · · · · · ·
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(57) Abstract:

Automated method and systems are provided for determining a gap exists in an enterprises knowledge base. Once a gap is determined, a question is developed in accord with the gap. An answer is then developed to answer the question and the knowledge base is updated accordingly. The source of the information may be cross-domain information such that an enterprise may include relevant information, and/or more usable information, than what could be otherwise provided by information limited to the enterprises domain.



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

(22) Date of filing of Application :02/12/2013

(43) Publication Date: 06/11/2015

(54) Title of the invention: AQUEOUS HYDROTROPIC MEDIUM FOR SYNTHESIS OF ORGANIC COMPOUNDS

(51) International classification	19/00, C07H	(71)Name of Applicant: 1)PROF. (MRS.) RAJASHRI SANDIP SALUNKHE Address of Applicant:BIO-ORGANIC AND ORGANIC SYNTHESIS LABORATORY, DEPARTMENT OF
(31) Priority Document No	:NA	CHEMISTRY, SHIVAJI UNIVERSITY, KOLHAPUR, 416 004
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PROF. (MRS.) RAJASHRI SANDIP SALUNKHE
Filing Date	:NA	2)DR. SANTOSH BALASAHEB KAMBLE
(87) International Publication No	: NA	3)DR. ARJUN SHANKAR KUMBHAR
(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 environmental safer and greener aqueous medium for the synthesis of organic compounds. The aqueous hydrotropic medium represents the unique properties of an alternative reaction medium for organic synthesis. Besides being cheap, nontoxic and environmental friendly, it efficiently acts as alternative reaction medium. The elimination of hazardous solvents in chemical processes and their replacement by environmentally more benign reaction is an important goal of modern synthetic chemistry. Hydrotrope reduce the surface tension of water and at certain concentration the surface tension become constant. This shows that the association of the hydrotrope molecules in solution. II hydrophobic moieties are large enough for the hydrophobic interaction to overcome the charge repulsion, cooperative self-association take place presumably producing highly dynamic and loose micellar type aggregates and responsible for the solubility of sparingly soluble as well as practically insoluble organic compounds in aqueous medium. By use of this sustainable medium we report herein the synthesis of organic compounds viz., Benzimidazole and Barbituric acid derivatives. We have demonstrated the prospect of using hydrotrope (NaPTSA) for the synthesis oi biological active compounds in ambient condition without any other additive catalyst, solvent oi accelerants.

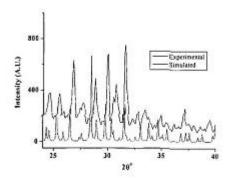


Fig. 1. XRD pattern of Sodium p-Toluene sulphonate

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

(22) Date of filing of Application :27/12/2013

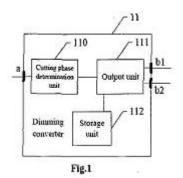
(43) Publication Date: 06/11/2015

(54) Title of the invention: DIMMING SYSTEM AND DIMMING CONVERTER AND LOAD DIMMING METHOD THEREOF

(31) Priority Document No H05B :2012	1)WANG, WEIGUO 2)LIU, YULIN 3)SHI, LEI
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(57) Abstract:

Embodiments of the present invention disclose a dimming system and a dimming converter and load dimming method thereof, applicable to the field of electronic devices technique. In a dimming converter according to an embodiment of the invention, a cutting phase determination unit is connected with an input terminal and configured to determine phase angle information of a power supply signal of an output of a load terminal in a dimmer; an output unit is configured to output a dimming signal corresponding to the phase angle information determined by the cutting phase determination unit from a dimming output terminal to a load of the dimming system according to a correspondence relationship between the phase angle information and the dimming signal stored in a storage unit and to output a phase-cut power source signal from a supply output terminal to the load. Thus the dimming converter outputs the dimming signal with a different value to the load according to a particular condition of phase-cutting of mains power by the dimmer, i.e., the phase angle information of the phase-cut power supply signal, instead of outputting the phase-cut power supply signal directly to provide the load with a light flux required for dimming, so that the dimming system can be compatible with a large number of loads which have different dimming requirements to thereby improve the dimming efficiency of the loads.



No. of Pages: 23 No. of Claims: 13

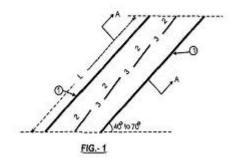
(22) Date of filing of Application: 27/12/2013 (43) Publication Date: 06/11/2015

(54) Title of the invention: SPIRAL FLOW TUBE SETTLER WITH FILTER MEDIA.

(51) International classification	:C02F (71)Name of Applicant : 1/00, B01D Address of Applicant :YASH ENCLAVE, FLAT NO. 102, 21/00 PLOT NO. 259, DHARAMPETH EXTN., NAGPUR-440010.	
(31) Priority Document No	:NA Maharashtra India	
(32) Priority Date	:NA (72)Name of Inventor :	
(33) Name of priority country	:NA 1)BHOLE ANAND GOVIND	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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:

When surface water is the source for drinking water, the various units required to treat the surface water are (i) cascade aerator (ii) flash mixer (iii) flocculator (iv)sedimentation tank (v) filter beds (vi) chlorinator. The conventional sedimentation tank needs about 2.5 to 3.0 hours detention time and also mechanical equipments such as scraper, motor, gearbox etc. Tube settlers are the modification of the conventional sedimentation tank. Tube settlers require only around 20 to 30 minutes as detention time and also do not require any mechanical equipment and the energy to operate the same but the tube settlers have to be kept in the inclined position which create dead space on either side of the sedimentation tank where the tube settlers are installed. The microbial growth results in these dead pockets. The present invention eliminates this problem because the present invention i.e. the modified tube settler units are installed in vertical position in the sedimentation tank thus eliminating dead pockets in the sedimention tank making the tank more compact. A helicoid is introduced in the lower part of the conventional circular square or hexagonal tube which well fits in the tube leaving no gap between the helicoid and the tube-wall. The pitch of the spire is same as the side of the square tube i.e. about 5 to 6 cm. The upper portion of the tube has a filter to entrap the escaping floes from the helicoids. The efficiency of this invention can be improved by reducing the pitch. The invention Le. the modified tube settler module is more suitable where it is to the installed in a small space. The efficiency of the invention depends upon the angle of the blades of the helicoids, and the magnitude of the pitch of the helicoids



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

(22) Date of filing of Application :30/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention : GASTRORETENTIVE DRUG DELIVERY COMPOSITION BY USING CO-PROCESSED EXCIPIENTS

(57) Abstract:

The present invention discloses a gastrorentive drug delivery composition comprising active drugs and co-processed excipients selected from cellulose derivatives, sodium alginate and lactose optionally with carbonates, process for preparation and application of the co-processed excipients, as an inactive ingredient in the pharmaceutical dosage forms.

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

(22) Date of filing of Application :30/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: MODEL OF POWER GENERATOR OPERATIONAL BY SLOPING ROAD.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B60L7/18, B62M6/45 :NA :NA :NA :NA	(71)Name of Applicant: 1)VINAYAK SHANKAR BANDBE Address of Applicant: AT POST JAKI MIRYA, VARCHIWADI, TAL. & DIST RATNAGIRI Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)VINAYAK SHANKAR BANDBE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In order to overcome the drawbacks of the conventional fuels it is the need of time to completely or partially generate electricity with natural resources in and around our surroundings where we live. But complete replacement is not possible, but to enhance energy production we need to innovative which can partially help generate electricity using little electrical energy (Using small Motor) used for implementing the project. Production cost is very less it is also safe to use. Another advantage is that it can be run by less modification at the available infrastructure / Facilities at site. Key Words: Electrical Power Supply, Electricity, Alternator.

No. of Pages: 14 No. of Claims: 1

(22) Date of filing of Application :30/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: RECOGNITION METHOD AND SYSTEM OF INSTANT COMMUNICATION CLIENT

(51) International classification	:G10L11/00, H04L12/58, G10L15/26	(71)Name of Applicant: 1)BEIJING D-MEDIA COMMUNICATION TECHNOLOGY CO. LTD
(31) Priority Document No (32) Priority Date	:PCT/CN2013/088768 :06/12/2013	Address of Applicant :6 FLOOR ROOM 602 BLOCK A, WANLIU PLAZA, NO.28 WANQUANZHUANG ROAD,
(33) Name of priority country	:Argentina	HAIDIAN DISTRICT, Beijing 100089, China. China
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Jinping, Li
(87) International Publication No	: NA	2)Zhiyu, Yang
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a recognition method and system of instant messaging client. The recognition method for instant messaging client provided by the embodiments of the present invention comprises: judging whether a machine fingerprint assembly set at the IM client side is consistent with the corresponding machine fingerprint assembly at the server side upon initiating a log-on request; if inconsistent, downloading the corresponding machine fingerprint assembly at the server side to replace the machine fingerprint assembly at the IM client side; wherein the machine fingerprint assembly includes an encryption algorithm; calling the machine fingerprint assembly to enable the machine fingerprint assembly to obtain hardware information of the user machine for operating the IM client, and encrypt the hardware information to obtain machine fingerprint information; sending the machine fingerprint information to the server side so as to recognize the IM client at the server side by the machine fingerprint information; and receiving a response to the log-on request returned by the server side when the IM client is recognized as a reliable IM client. Figure 3 is the representative figure.

No. of Pages: 40 No. of Claims: 12

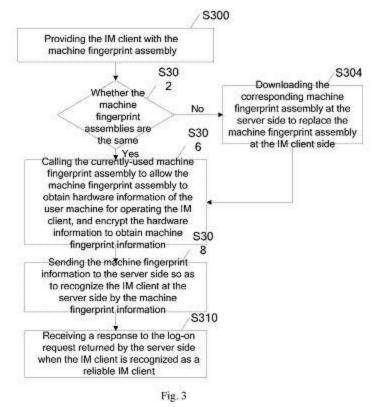
(22) Date of filing of Application :30/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: LOG EXTRACTION METHOD UNDER SERVER CLUSTER AND SERVER CLUSTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/24 :PCT/CN2013/088863 :09/12/2013 :Argentina :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BEIJING D-MEDIA COMMUNICATION TECHNOLOGY CO. LTD Address of Applicant: 6 FLOOR ROOM 602 BLOCK A, WANLIU PLAZA, NO.28 WANQUANZHUANG ROAD, HAIDIAN DISTRICT, Beijing 100089, China. China (72)Name of Inventor: 1)Mingwei, Lv
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(57) Abstract:

The present invention discloses a log extraction method under a server cluster and a server cluster. The log extraction method under a server cluster provided in the embodiments of the present invention comprises: a first log component, when recording a log of a first application service to a corresponding first log library, obtaining user and/or service information associated with the log according to configuration data, and recording the information in a context field set for the log; the first log component obtaining, according to a log call request of a request end received by the first application service, an output expression in the log call request, the output expression being used for indicating a condition that the user and/or service information associated with the requested to be called log meets; and the first log component matching the output expression with the context field of the log stored in the first log library; and outputting the successfully matched log to an output port designated by the log call request. Figure 5 is the representative figure.



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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A PROCESS FOR PREPARATION OF ANDROGEN RECEPTOR ANTAGONIST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07C231/12, C07D233/86 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: CADILA HEALTHCARE LIMITED ZYDUS TOWER, SATELLITE CROSS ROADS AHMEDABAD-380015 Gujarat India (72)Name of Inventor: 1)DWIVEDI SHRI PRAKASH DHAR 2)SINGH KUMAR KAMLESH 3)CHARAN GANPAT DAN SHIMBHU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

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

⁻⁻The present invention provides an isopropanol solvate of enzalutamide. The present invention also provides a process for the preparation of androgen receptor antagonist. In particular, the present invention provides a process for the preparation of enzalutamide or its pharmaceutically acceptable salts, hydrates, solvates, polymorphs or intermediates thereof.

(22) Date of filing of Application :03/12/2013

(43) Publication Date: 06/11/2015

(54) Title of the invention: ALKALOIDS OF PROCESSED GREEN ARECA NUT AS AN ANTIDOTE FOR VENOM

	:A61K	(71)Name of Applicant:
(51) International classification	36/00,	1)GUPTA DR SURENDRA KUMAR
	A61k31/00	Address of Applicant :FLAT NO. 101, MAHAVIR
(31) Priority Document No	:NA	APARTMENT, 4/3 PARSI MOHALLA, CHHAWNI,
(32) Priority Date	:NA	INDORE(M.P.)-452001 INDIA. Madhya Pradesh India
(33) Name of priority country	:NA	2)GUPTA ANKITA
(86) International Application No	:NA	3)GUPTA SAKSHI
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GUPTA DR SURENDRA KUMAR
(61) Patent of Addition to Application Number	:NA	2)GUPTA ANKITA
Filing Date	:NA	3)GUPTA SAKSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Processed Green Areca nut {Areca catechu) is commonly known as Chikni Supari in India. A investigation has been done to correlate the facts between its paste clinical effective constituents and the neutralization effect of venom. When it is pfaced on the injured place, it sucks the poison and the color of paste is changed accordingly after absorbing the poison its own. Areca Catechu, which is pink in color, contains Tannin and Pyridine group of alkaloids. Arecodine is the main principle constituent. Arecodine C8H13N02 (1,2 dihydro 3,4 di methoxy-1 -methyl Pyridine) is hygroscopic and basic in nature, it may act as a good antidote against the venom which is absorbed by the nut across the membrane by biotransferase chemical process .

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

(22) Date of filing of Application :31/01/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : FAULT DETECTING SYSTEM ON ENGINE ASSEMBLY LINE AND THE METHOD OF TESTING 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 	G01M, G01M15/02, H02P, G01 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant: R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)BHAUPATIL VILAS YEWALE 2)SOMNATH EKNATH ASWALE
• •	:NA :NA :NA	

(57) Abstract:

Fault detecting system on engine assembly line comprising of a signal processing box capable of receiving the input signals from wiring harness socket on the engine; said socket connected to sensors and actuators which are mounted on the engine; once the power source passes 12 volts and 5 volts supply to the sensors and actuators, the input voltage will reach to the respective sensors through electrical circuit/ hard wire thereby activating the sensors which gives output to the transistor collector which gets powered to create passage to pass current; the said actuators and sensors are connected serially to each other which on activation creates a complete conductive passage for current to pass to relay and gives the output signal in the form of audio and/or light emission diode (LED) facilitating for testing of engine without being assembled on the vehicle.

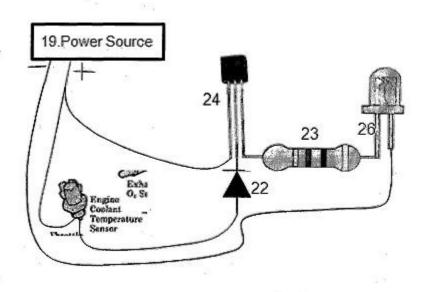


Fig. 3

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

(22) Date of filing of Application :06/01/2014

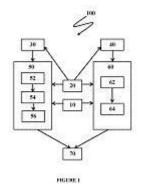
(43) Publication Date: 06/11/2015

(54) Title of the invention: A PROCESS FOR RECYCLING POLYESTER AND POLYESTER BLENDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C08J11/08, C08B3/06 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: 1)RANGASWAMY VIDHYA 2)JAGTAP AMIT RANGARAO 3)SRIVASTAVA ANURAG 4)JOSHI HARSHVARDHAN
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a process for recovering a polyester component and products of a non-polyester component from an article containing a polyester blend. The polyester blend consists of a polyester component and a non-polyester component. Particularly, the polyester component of the present disclosure is polyethylene terephthalate and the non-polyester component is at least one selected from the group consisting of cotton and viscose. The process of the present disclosure includes hydrolyzing the article using at least one hydrolyzing agent having pH ranging from 7 to 14 to obtain a first mixture containing the polyester component, the non-polyester component, optionally, products of the non-polyester component and the hydrolyzing agent. This is followed by incubating the first mixture using at least one enzyme selected from the group consisting of cellulase and pectinase to further convert the non-polyester component into products of the non-polyester component thereby releasing the polyester component.



No. of Pages: 29 No. of Claims: 5

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: SET TOP BOX (STB) WITH GSM MUTIMEDIA PLATFORM FOR INTERACTIVE EDUCATION AND CONFERENCING.

	:H04N	(71)Name of Applicant :
(51) International classification	7/00,	1)MODERN COMMUNICATION & BROADCAST
	H04N21/00	SYSTEMS PVT.LTD.
(31) Priority Document No	:NA	Address of Applicant :B-138/139, G.I.D.C. ELECTRONICS
(32) Priority Date	:NA	ESTATE, SECTOR-25, GANDHINAGAR-382024, GUJARAT,
(33) Name of priority country	:NA	INDIA. Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MODERN COMMUNICATION & BROADCAST
(87) International Publication No	: NA	SYSTEMS PVT.LTD.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

One way TV broadcast using Satellite and Cable TV Network has been used for many years and it has been found to be the best media for mass communication and education. However, it suffers from the drawback of being one way without interaction. GSM technology on the other hand has been used effectively for two—way communication. Using satellite and GSM is a unique method which provides cost effective means and still retaining all benefits of both media ie large data transfer characteristics of satellite broadcasting and communication ability of GSM. The present invention allows use of these two media together in a Set Top Box providing all advantages of interactivity broadcasting, cost effectiveness and also being user friendly. It is development of source codes, libraries, archival, display in the simplest way which has not been attempted anywhere by any individual and group.

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

(22) Date of filing of Application :25/04/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: STABLE METHOTREXATE INJECTION.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/519, A61K45/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)ASTRON RESEARCH LIMITED Address of Applicant:10TH FLOOR PREMIER HOUSE, BODAKDEV, OPP. GURUDWARA SARKHEJ - GANDHINAGAR HIGHWAY, AHMEDABAD 380054, GUJARAT, INDIA Gujarat 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)ANIL NAYANI 2)MUKESH BOTHRA 3)PALLERLA BHASKAR 4)ASHISH SEHGAL

(57) Abstract:

The present invention relates to stable methotrexate injection comprising methotrexate or a pharmaceutically acceptable salt thereof as active ingredient. In particular, the present invention relates to stable methotrexate injection, wherein the methotrexate is present in a pharmaceutically acceptable solvent at a concentration between 60 mg/ml to 90 mg/ml.

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

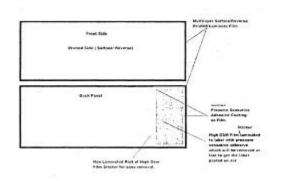
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ADHESIVE STAMPED PAPERLESS MULTILAYER FLEXIBLE LAMINATED LABEL.

	:B32B 7/12,	(71)Name of Applicant: 1)SHRIPAL RAJ LODHA
(51) International classification	B32B	Address of Applicant :215, 2ND FLOOR, RAHEJA PLAZA
	_	PREMISES CO- OPERATIVE SOC. LTD., BEHIND FUN
(31) Priority Document No	:NA	REPUBLIC, OFF LINK ROAD, ANDHERI (W), MUMBAI -
(32) Priority Date	:NA	400053 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)LODHA SHRIPAL RAJ
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a laminated film made of biaxially oriented polypropylene or polyethylene terephthalate (PET) material.



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

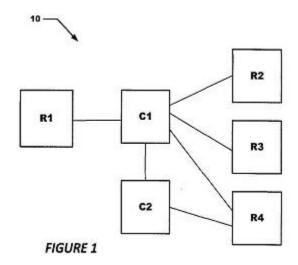
(22) Date of filing of Application: 18/12/2013 (43) Publication Date: 06/11/2015

(54) Title of the invention: LAYER 3 (L3) BEST ROUTE SELECTION RULE FOR SHORTEST PATH BRIDGING MULTICAST (SPBM) NETWORKS

	I
:H04L12/24,	(71)Name of Applicant:
H04L12/707,	1)AVAYA, INC
H04L12/721	Address of Applicant :211, MOUNT AIRY ROAD,
:13/905,764	BASKING RIDGE, NEW JERSEY 07920, U.S.A. U.S.A.
:30/05/2013	(72)Name of Inventor:
:U.S.A.	1)SRIKANTH KEESARA
:NA	2)GAUTAM KHERA
:NA	3)VEDAVINAYAGAM GANESAN
: NA	
:NA	
:NA	
:NA	
:NA	
	H04L12/707, H04L12/721 :13/905,764 :30/05/2013 :U.S.A. :NA :NA :NA :NA

(57) Abstract:

A method, apparatus and computer program product for providing a best route selection rule is presented. A determination is made at a first edge router, whether a second edge router in a network advertises a first BMAC address and at least one other BMAC address. When the second edge router advertises only a first BMAC address, then the first BMAC address is used in a routing table for a Layer 3 (L3) next hop for a route. When the second edge router advertises more than one BMAC address, at least one other BMAC address is used in the routing table for said L3 next hop for the route.



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

(22) Date of filing of Application :24/01/2014

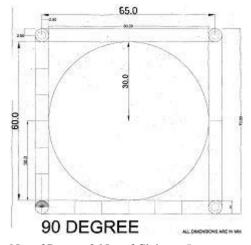
(43) Publication Date: 06/11/2015

(54) Title of the invention: DRAW CIRCLE USING FOUR PLATES

(51) International classification	:B43L7/08, B43L7/00	(71)Name of Applicant : 1)VISHAL LATTA DABHI
(31) Priority Document No	:NA	Address of Applicant :PLOT NO. 10, MAHATMA GANDHI
(32) Priority Date	:NA	SOCIETY, BORDIGATE, BHAVNAGAR, GUJARAT, INDIA-
(33) Name of priority country	:NA	364005 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VISHAL LATTA DABHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

Using this equipment we can draw drawings very speedily thus we can save more time. Main purposa behind of this equipment is to save much time in regular days and mainly in examination. This is the very simple way to draw circles of different radios. We can simply show circle in isometric (3-Dirnensionai) views. Using this we can also draw ellipse.



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

(22) Date of filing of Application :03/02/2014

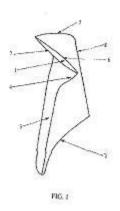
(43) Publication Date: 06/11/2015

(54) Title of the invention: SPLIT DIHEDRAL BLADE TIP FOR AXIAL COMPRESSOR ROTOR

(51) International classification		(71)Name of Applicant:
	F04D29/68	
(31) Priority Document No	:NA	Address of Applicant :INDIAN INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI - 400 076
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	2)PRATT & WHITNEY CANADA CORP.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BHASKAR ROY
(61) Patent of Addition to Application Number	:NA	2)A M PRADEEP
Filing Date	:NA	3)C V HALBE
(62) Divisional to Application Number	:NA	4)HONG YU
Filing Date	:NA	5)PETER TOWNSEND

(57) Abstract:

The present invention proposes a split dihedral blade tip for axial compressor rotor wherein blade has positive dihedral in the front half of the blade tip region and negative dihedral in rear half of the blade tip region which may provide stable performance, in terms of aerodynamic tip loss and aerodynamic efficiency of blade, in spite of varying tip gap.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.263/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: FIRE PROTECTION MORTAR

(31) Priority Document No (32) Priority Date (33) Name of priority country (34) Name of priority country (35) Name of priority country (36) International Application No Filing Date (372) Name of Inventor: (372) Name of Inventor: (384) Name of Inventor: (385) Name of Inventor: (386) International Application No Filing Date (387) International Publication No (387) I	 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:05/02/2013 :EUROPEAN UNION :NA :NA : NA :NA	1)Xiao, WU
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(57) Abstract:

A composition for the preparation of a fire protection mortar comprising - 45 to 70% by weight of cement binder, - 8 to 20% by weight mica, - 0 to 5% by weight of xonotlite, - 0.1 to 20% by weight of expanded perlite, - 0.1 to 10% by weight of fibers, - 0.01 to 2% by weight of air entrainer and foaming agent, - 0.01 to 2% by weight of processing aids.

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

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SELF DISAPPEARING WOUND DRESSING AND METHOD OF PREPARATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	15/00, A61K 9/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)NORTH MAHARASHTRA UNIVERSITY Address of Applicant:NORTH MAHARASHTRA UNIVERSITY PB-80, UMAVINAGAR, JALGAON - 425 001, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)PRAVIN R. PURANIK 2)VIVEK JAVALKOTE 3)ABHIJEET PANDEY 4)PRASHANT DESHMUKH
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An article for wound dressing is described. The article comprises a material forming a multilayered film, made of self dissolving material. The multilayered film incorporates objects made of a biogenic material acceptable to the body tissues and designed to aid in slow release of medicines or drugs to prevent infections and enhance healing.

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

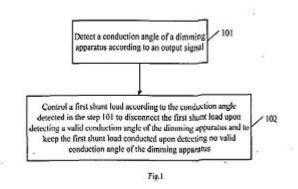
(22) Date of filing of Application :19/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: DIMMING CONTROL METHOD AND APPARATUS AND DIMMING SYSTEM

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :	:H05B33/08 :201210560841.9 :21/12/2012 :China :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC (AUSTRALIA) PTY LTD Address of Applicant:78 WATERLOO ROAD, MACQUARIE PARK, NSW 2113 AUSTRALIA Australia (72)Name of Inventor: 1)LAU KWOK HUNG
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(57) Abstract:

Embodiments of the present invention disclose a dimming control method and apparatus and a dimming system. The method according to an embodiment of the invention includes: detecting a conduction angle of a dimming apparatus according to an output signal; and controlling a first shunt load according to the conduction angle to disconnect the first shunt load upon detecting a valid conduction angle of the dimming apparatus and to keep the first shunt load conducted upon detecting no valid conduction angle of the dimming apparatus, thereby lowering power consumption.



No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :03/02/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: METHOD AND DESIGN OF HARNESSING AMBIENT RF ENERGY FROM FM AND AM BAND.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H02J17/00, G06K7/10 :NA :NA :NA :NA	(71)Name of Applicant: 1)OZA NAKITA SUNIL Address of Applicant: F-3, VITTHAL RESIDENCY, 9TH LANE, RAJARAMPURI, KOLHAPUR-416008, MAHARASHTRA, INDIA. Maharashtra India 2)KULKARNI MADHURA RAVINDRA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	3)MENGHMALANI YESHASWI LAXMAN (72)Name of Inventor: 1)OZA NAKITA SUNIL
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	2)KULKARNI MADHURA RAVINDRA 3)MENGHMALANI YESHASWI LAXMAN

(57) Abstract:

A method and design for harnessing ambient RF power in the FM and AM frequency bands for a portable terminal are provided. In the given deisgn, an antenna receives RF signals from the FM and AM band, a rectifier rectifies the RF signals to DC voltage, and a power consuming device that is sourced by this energy harnessed.

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

(21) Application No.4078/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: EXTERNAL CONTACT CENTER DATA COLLECTION AND MEASUREMENT

	:H04M5/00,	(71)Name of Applicant :
(51) International classification	H04M3/523,	1)AVAYA, INC
	H04M3/00	Address of Applicant :211, MOUNT AIRY ROAD,
(31) Priority Document No	:61/813,567	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(32) Priority Date	:18/04/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)ORDILLE, JOANN J.
(86) International Application No	:NA	2)MATULA, VALENTINE C.
Filing Date	:NA	3)KASHI, RAMANUJAN
(87) 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:

External queue monitoring of contact center queues is provided as a means that may better service the customer and measure service level objectives. External queue monitoring provides the opportunity for real-time monitoring of the queue and modification of contact center operations, such as devices routing queue members, in response to queuing or enqueued customers.

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

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention : FACILITATING A CONTACT CENTER AGENT TO SELECT A CONTACTIN A CONTACT CENTER QUEUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04M3/523 :13/971,599 :20/08/2013 :U.S.A. :NA :NA :NA	Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)KLEMM, REINHARD P. 2)KRISHNAN, PARAMESHWARAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SELIGMANN, DOREE D. 4)SINGH, NAVJOT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The system and method enable an agent to be able to select a contact (e.g., a voice call or email from a customer) from a contact queue in a contact center. As contacts come into a contact center, the contacts are placed in the contact queue. An agent in the contact center is presented with the contacts along with a profile that is associated with each of the contacts. The profile may contain information about the contacts such as an attitude of the contact, a conversation style of the contact, a sentiment of the contact, and the like. The agent selects one of the contacts in the contact queue. The selected contact is then sent to the agent for handling.

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

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: SHARING DYNAMIC VARIABLES IN A HIGH AVAILABILITY 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 	:G06F9/45 :14/050,604 :10/10/2013 :U.S.A. :NA :NA	
E		1)OTEM, ROBERT C.
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems are provided that utilize compiler technology in identifying changed critical variables in work assignment code that cause synchronization issues between a master system and another server. The identified changed critical variables are shared by the master server in a high availability environment. In general, the sharing of changed critical variables includes sending, via a master system, changed code or critical variables to a receiving system. The receiving system can implement the changed code or critical variables to maintain synchronization with the master system.

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

(22) Date of filing of Application :26/12/2013

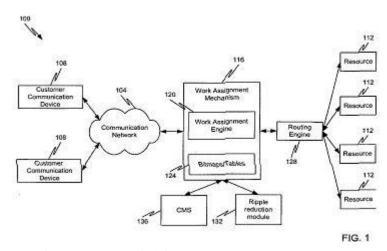
(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD, APPARATUS, AND SYSTEM FOR PROVIDING RIPPLE REDUCTION USING NEAR TERM SIMULATION FOR OPTIONAL SEQUENCING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:14/041,834 :30/09/2013 :U.S.A.	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)STEINER, ROBERT C. 2)SOBUS, KATHERINE ANTHONY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A contact center is described along with various methods and mechanisms for administering the same. A ripple reduction mechanism is disclosed that provides an interval and evaluates and matches work items that come in until the interval expires. Once the interval expires, the ripple reduction mechanism in concert with a work assignment engine may finalize matches and optimally assign work items to minimize or eliminate a ripple effect.



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

(22) Date of filing of Application :01/01/2014

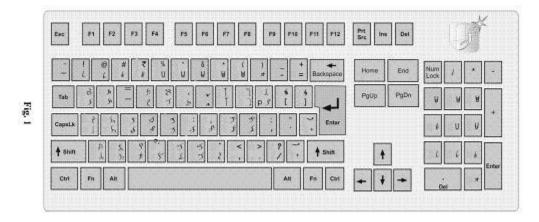
(43) Publication Date: 06/11/2015

(54) Title of the invention: A SYSTEM FOR KUTCHHI FONTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number : N	:G06T11/00, G09G5/24 :NA
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(57) Abstract:

Here in the present invention Kutchhi fonts are developed and moreover in the era of digital the same is supported by computer system.



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

(22) Date of filing of Application :03/01/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: A LOCKOUT AND TAGOUT SYSTEM FOR PIANO TYPE SWITCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G10C 3/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)Mahindra and Mahindra Limited Address of Applicant: Mahindra and Mahindra Ltd. Gateway Building, Apollo Bunder, Mumbai Maharashtra India (72)Name of Inventor: 1)Mr. Joshi, Arun Murlidhar 2)Mr. Renkutla, Haresh
 (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	3)Mr. Pawar, Sushant 4)Mr. Patel, Santosh 5)Mr. Mohod, Nitin

(57) Abstract:

The present invention comprises a device for preventing unauthorized use of manually actuated piano type electrical switches. It is a device for piano type electrical switch which is simple and economical to manufacture. It is a device which can be attached to the face plate of a standard electrical piano type switch without having to modify the face plate. A C-shaped plate is rotatably connected to main plate using a side screw such that the c-shaped plate is adjustable with the help of an adjustment screw. A recess is provided in the main plate, in which recess a locking strip is provided; once the locking strip is situated in its locking position, a padlock may securely positioned. The device of the invention prevents inadvertent switching while working of electrical equipment and obviates the need for dedicated manpower for observing the operation of the switch.

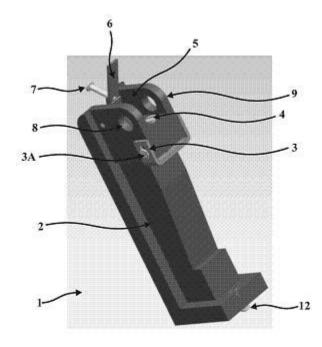


Figure: 1

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

(22) Date of filing of Application :03/02/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: A PROCESS FOR THE SYNTHESIS OF N-(2, 4-DINITROPHENYL)-3-OXO-3-PHENYL-N-(ARYL) PHENYLPROPANAMIDE DERIVATIVES AND THEIR ANTICANCER ACTIVITY AGAINST BREAST CANCER CELL LINE MCF-7.

	:C07D417/12,	(71)Name of Applicant:
(51) International classification	A61P25/28,A61P17/16,	
	A61P	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(31) Priority Document No	:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(32) Priority Date	:NA	(EAST), MUMBAI-400 098, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. M. M. V. RAMANA
(87) International Publication No	: NA	2)DR. R. S. LOKHANDE
(61) Patent of Addition to Application	:NA	3)MEHTA ANKITA LAXMAN
Number	:NA	
Filing Date	.1 1/2 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to the synthesis of molecules showing cytostatic/cytotoxic potential against breast cancer. Study relates to a process for the preparation of N-(2, 4-dinitrophenyl)-3-oxo-3-phenyl-N-(aryl) phenylpropanamide derivatives and their anticancer activity against breast cancer cell line MCF-7.

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

(22) Date of filing of Application :06/01/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR IMPROVING CLOCK RATES IN HIGH SPEED CIRCUITS USING FEEDBACK BASED FLIP-FLOPS

(51) International classification		(71)Name of Applicant:
• •	3/00	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(31) Priority Document No	:NA	Address of Applicant :POWAI, MUMBAI 400076,
(32) Priority Date	:NA	MAHARASHTRA, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SAKARE MAHENDRA
Filing Date	:NA	2)GUPTA SHALABH
(87) International Publication No	: NA	3)KUMAR SADHU PAVAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Circuit for Improving Clock Rates in High Speed Electronic Circuits Using Feedback Based Flip-Flops A flip-flop circuit for enhancing clock rates in high speed electronic circuits, the flip-flop circuit having an input terminal, an output terminal, and a third terminal that controls the flow of signal from the input terminal to the output terminal, comprising: two latches arranged in a master-slave configuration such that the input terminal of the first latch is also the input terminal of the flip-flop and the output terminal of the second latch is also the output terminal of the flip-flop; and at least one feedback path that adds signal to the input of the flip-flop from one of the outputs of the two latches. Fig. 10

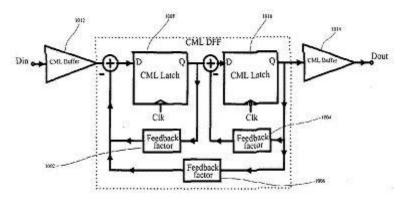


Fig. 10

No. of Pages: 38 No. of Claims: 13

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: RECYCLE BATH'S WATER (RBW)

	:E03F	(71)Name of Applicant:
(51) International classification	7/00,	1)JAYAT D. PATEL
	E03B1/00	Address of Applicant :B-105, ASHISH COMPLEX BLDG.
(31) Priority Document No	:NA	NO.10, EKTA C.S.C. ROAD NO.4, DAHISAR (E), MUMBAI-
(32) Priority Date	:NA	400 068, MAHARASHTRA, INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)TEJ ASSOCIATED
Filing Date	:NA	
(87) 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 sewerage treatment plants are used. Also the grey water treatment plants which includes kitchen and bath water. However they are costly and further general public cannot mentally accept the idea of reusing sewerage water in their homes. So I have use only BATH WATER instead of total sewerage water for recycle. Hence, our invention recycles only BATHS WATER instead of sewerage or grey water. The recycled water is then used only for flushing purpose within the same building.

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

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention : AN IMPLEMENTATION OF THE SEMI-ATTENDED TRANSFER IN SIP FOR IP-MULTIMEDIA SUBSYSTEM ENVIRONMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04W 76/00 :13/770,551 :19/02/2013 :U.S.A. :NA	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)PUJIC, MILOS
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)EZELLE, JOEL M. 3)MENDIRATTA, HARSH V.

(57) Abstract:

A communication system, method, and components are described. Specifically, a communication system having the ability to facilitate a semi-attended transfer in SIP for an IP-Multimedia Subsystem (IMS) environment is disclosed. The semi-attended transfer is possible even though one or more Back-to-Back User Agents are positioned between users engaged in the semi-attended transfer.

No. of Pages: 42 No. of Claims: 10

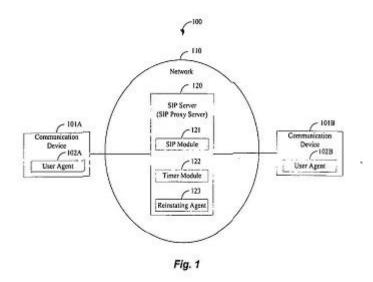
(22) Date of filing of Application :24/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: RECONSTRUCTION OF SESSION INTIATION PROTOCOL (SIP) DIALOGUE IN A SIP NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:U.S.A. :NA :NA : NA	(71)Name of Applicant: 1)AVAYA, INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)HEMANI, SREEKANTH SUBRAHMANYA 2)PHADNIS, MOHAN VINAYAK
(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 Session Initiation Protocol (SIP) session dialog is established between a first user agent and a second user agent. The SIP server receives an in-dialog message for the SIP session dialog. At this point, the SIP server is no longer aware of the SIP session dialog, for example, because the SIP server was rebooted. In response to receiving the in-dialog message, the SIP server sends a request not found message to the first user agent that comprises 2 server accessible value. The SIP server receives an out-of-dialog SIP REFER message. The out-of-dialog SIP REFER message comprises call state information for the SIP session dialog and is sent based on the server accessible value. The SIP server sends the out-of-dialog SIP REFER message to the second user agent. The SIP session dialog is reestablished. The SIP server can be a SIP proxy server or a Back-to-Back User Agent.



No. of Pages: 43 No. of Claims: 10

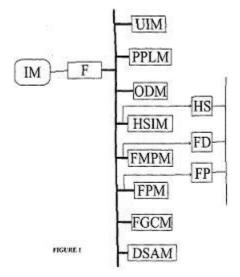
(22) Date of filing of Application :22/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A SYSTEM AND METHOD FOR DESIGN ANALYSIS FOR METAL CASTING DESIGN

(51) International classification (31) Priority Document No	:G06F17/50 :NA	(71)Name of Applicant: 1)3D FOUNDRY TECH PVT.LTD.
(32) Priority Date	:NA	Address of Applicant :507-C, ECSTASY BUSINESS PARK,
(33) Name of priority country	:NA	CITI OF JOY, JSD ROAD, MULUND WEST, MUMBAI
(86) International Application No	:NA	400080, MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BABAPRASAD LANKA
(61) Patent of Addition to Application Number	:NA	2)BHALLAMUDI RAVI
Filing Date	:NA	3)PRATEEK SHRIVASTAVA
(62) Divisional to Application Number	:NA	4)YASARAPU V MANIKANTA SIVA KUMAR
Filing Date	:NA	

(57) Abstract:

A system for design analysis for metal casting design of a part to be cast, said system comprises: input mechanism to receive an input file relating to said part; undercut identification mechanism adapted to identify undercut region(s) in the design of the input file; parting line location mechanism adapted to identify parting line location based on identified undercut region(s) and to identify parting line direction; orientation defining mechanism adapted to define orientation of part to be placed for casting; hot spots identification mechanism adapted to identify hotspots that may be possible in the designed geometry of the input file; feeder modulus computation mechanism adapted to compute feeder dimensions for the part that is to be cast based on identified hotspots; feeder positioning mechanism adapted to determine feeder position in relation to pre-determined parameters; and directional solidification analysis mechanism adapted to problem areas related to directional solidification, shrinkage porosity during casting solidification.



No. of Pages: 60 No. of Claims: 18

(22) Date of filing of Application :06/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: NOVEL, SIMPLE AND INEXPENSIVE BIOLOGICAL NANOPOWDER

	:A61K 36/00,	(71)Name of Applicant: 1)DR. MONICA RAJAN SANANDAM
(51) International classification	36/00, B82Y	Address of Applicant :DEPARTMENT OF
	30/00	BIOTECHNOLOGY, KIT'S COLLEGE OF ENGINEERING,
(31) Priority Document No	:NA	KOLHAPUR, M/S, INDIA-416234 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DR. MONICA RAJAN SANANDAM
(86) International Application No	:NA	2)MR ASHISH JAYANT NEVE
Filing Date	:NA	3)MS.NEHA NITIN SARDA
(87) International Publication No	: NA	4)MR ABHIJEET ADHINATH KAMBLE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present investigation deals the synthesis and characterization of novel, simple and inexpensive nanopwder form Prosopis Juliflra Bark as green synthesis by using planetary ball mill. The. P. Julifora Bark Nanopowder characterization was done, such as its percent yield, Phytochemical properties, Oranoleptic properties, Density, Solubility, PH, Carr index profile, Scanning Electron Microscopy, FTIR Studies, P-XRD etc. The results indicated the highest yield in Acetonic extract 12.8%. The phytochemicals- total phenols were calculated and the values were found between to 72 to 97 mg catechol equivalent /g extract. Particle size analysis showed the size in the range of 30nm to 100nm. SEM imaging showed the smooth surface and porous spherical shaped nanoparticles of bark respectively, P-XRD showed that the nanoparticles are polycrystalline in nature and particle size found to be 44.8588 A°(448nm) and 32.8385A0 (328 nm).

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

(22) Date of filing of Application :31/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: LIQUID RESIN MOLDED HYBRID RUNNING BOARD

(51) International classification	:B60R3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R&D CENTER, AUTO SECTOR, 89,
(33) Name of priority country	:NA	M.I.D.C., SATPUR, NASHIK - 422007 MAHARASHTRA,
(86) International Application No	:NA	INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DINESH DNYASHWAR WELUKAR
(61) Patent of Addition to Application Number	:NA	2)ZUHAIB BEG
Filing Date	:NA	3)VIRENDRA MADHUSUDAN BHEDA
(62) Divisional to Application Number	:NA	4)AMIT SURESH GAWANDE
Filing Date	:NA	5)DAMODARAN VENKATESAN

(57) Abstract:

Disclosed is a composite vehicular running board assembly (100). The composite vehicular running board assembly (100) comprises a reinforcement member (30), a flange (50) and at least two paddings (70). The reinforcement member (30) is made of a molded hard composite bonding liquid resin with a perforated light flexible metal sheet and a light reinforcing glass fiber. The composite vehicular running board assembly (100) is rigid and light in weight and hence, reduces the overall weight as well as increases fuel efficiency of the vehicle. The composite vehicular running board assembly (100) is manufactured to offer increased durability to bear the load produced thereon by two people stepping inside the vehicle at a time. Figure 1

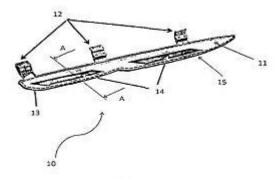


Figure 1

No. of Pages: 14 No. of Claims: 4

(22) Date of filing of Application :27/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: GEAR MECHANISM FOR TRANSMISSION OF ENGINE VALVE

	:F01L1/02,	(71)Name of Applicant:
(51) International classification	F02B67/04,	1)DONGA RAJENDRABHAI VALLABHBHAI
	F01L1/12	Address of Applicant :GOPAL NAGAR, SHARI NO.1,
(31) Priority Document No	:NA	BLOCK NO. 104, JOSHI PURA, JUNADADH, SAURASHTRA,
(32) Priority Date	:NA	GUJARAT, INDIA. Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BARAD DEVAYATBHAI KARSHANBHAI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to GEAR MECHANISM FOR TRANSMISSION OF ENGINE VALVE consists with crankshaft, gear transmission mechanism, bearings, connecting rod and two valve mechanism, wherein gear (1) is mounted on crankshaft; teethes of gear (1) is match with teeth of gear (2); teethes of gear (2) is match with teeth of gear (3). crankshaft is connected with gear (3); bearings are mounted on crankshaft so. bearing (1) and bearing (2) is also rotates; outer part of bearing is also push outside; due to outer side push, connecting rod fitted at the other end is also rotates and which also rotates two other bearing fitted on such rod which also push to valve fitted at other end of bearing to exhaust the C02 completely and at the same time second valve intake the fresh air from the atmosphere.

No. of Pages: 10 No. of Claims: 3

(22) Date of filing of Application :27/12/2013

(43) Publication Date: 06/11/2015

(54) Title of the invention: IMPROVED VALVE MECHANISM FOR INTERNAL COMBUSTION ENGINES

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	F02B31/02 NA NA NA	(71)Name of Applicant: 1)DONGA RAJENDRABHAI VALLABHBHAI Address of Applicant:GOPAL NAGAR, SHARI NO-1, BLOCK NO. 104, JOSHI PURA, JUNADADH, SAURASHTRA, GUJARAT, INDIA. Gujarat India (72)Name of Inventor: 1)BARAD DEVAYATBHAI KARSHANBHAI
* * * * * * * * * * * * * * * * * * *	NA NA	

(57) Abstract:

The present invention relates to Improved Valve Mechanism for internal Combustion Engines consists with valve (1) and valve (2), wherein valve (1) is provided at 5-7mm below the Valve (2); wherein the valves size are increased upto double size of valve compared to existing valve size and wherein air is enter into piston from the gap between the valve (1) and Valve (2). Valve (1) is half covered by liner surface and valve surface is 5-7 mm below the liner surface and valve (2) is directly open into the liner surface.

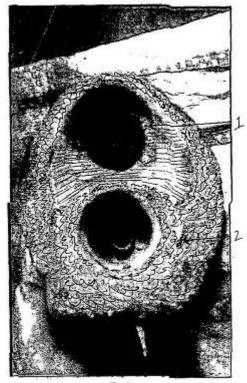


Fig.1

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

(22) Date of filing of Application :27/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: MOTORCYCLE TRANSMISSION AND SUSPENSION SYSTEM.

	:B62K11/00,	(71)Name of Applicant :
(51) International classification	B62K25/26,	1)DONGA RAJENDRABHAI VALLABHBHAI
	B60G1/00	Address of Applicant :GOPAL NAGAR, SHARI NO-1,
(31) Priority Document No	:NA	BLOCK NO. 104, JOSHI PURA, JUNADADH, SAURASHTRA,
(32) Priority Date	:NA	GUJARAT, INDIA. Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BARAD DEVAYATBHAI KARSHANBHAI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the present invention, small gear assembly is connected with the engine which gives rotational movement to the gear assembly (1). Gear Assembly (1) is further connected with the gear assembly (2), which converts the rotational motion into vertical motion direction. Gear Assembly (2) is further connected with pipe assembly, which is further connected with rear wheel gear assembly (2.2). Gear assembly (2.2) is connected with gear assembly (1.1) which convents the vertical motion of the pipe assembly into rotational movement of gear assembly (1.1) uses to run the motorcycle. In the present invention system, rear wheel gear system is filled with oil and front wheel gear assembly is lubricating with engine oil. Pipe assembly has not required any lubricating oil.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :30/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: NOVEL CATALYSTS FOR PREPARATION OF AZOXYSTROBIN

	:C07C 69/00.	(71)Name of Applicant :
(51) International classification	C07D239/52,	
	C07C67/31	Address of Applicant :184-87 S.V. ROAD, JOGESHWARI
(31) Priority Document No	:NA	(WEST), MUMBAI 400 102, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SHROFF DIPESH KANTISEN
Filing Date	:NA	2)CHAUDHARI RAJENDRA PRALHAD
(87) International Publication No	: NA	3)MHATRE VANDANA CHANDRAKANT
(61) Patent of Addition to Application Number	:NA	4)VAIDYA SANGEETA NILESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method has been disclosed for preparation of azoxystrobin by reaction of methyl (E)-2-{2-[6-chloropyrimidin-4-yloxy]phenyl}-3-methoxyacrylate with 2-cyanophenol, wherein novel catalysts have been used. The catalysts are relatively cheaper than conventionally used catalysts. The method is suitable for large scale production of Azoxystrobin for industrial application.

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

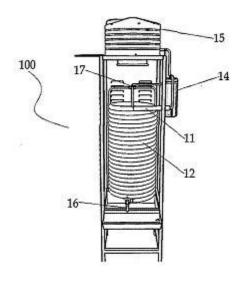
(22) Date of filing of Application :30/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: A NATURAL WATER COOLER AND FILTRATION 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 	:F25D31/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PATEL ARVIND R Address of Applicant:92/93 PRAGATI PARK - II, NR. DHRUV HIGH SCHOOL, BEHIND DHIRAJ HOUSING, MANINAGAR (EAST), AHMEDABAD, GUJARAT - 380008, INDIA Gujarat India (72)Name of Inventor:
2		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A natural water cooler and filtration unit comprising: at least a helical coil adapted to allow water to pass through it, said helical coil being attached to a water tank at its operative upper end and a tap at its operative lower end, said at least a helical coil being enveloped by at least a viscose fabric adapted to cover the helical coil; at least a filter adapted to be connected between said water tank and said upper end of said at least a helical coil in order to allow water to be filtered before it is passed to said at least a helical coil; and at least a valve controlled water distribution system adapted to be connected to said water tank and adapted to be placed above said at least a helical coil in order to distribute flow of water from said water tank to at least a set of pipes in different directions for dripping water over said at least a viscose fabric; characterised in that, said natural water cooler comprising at least a fan adapted to be located above said water distribution system.



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

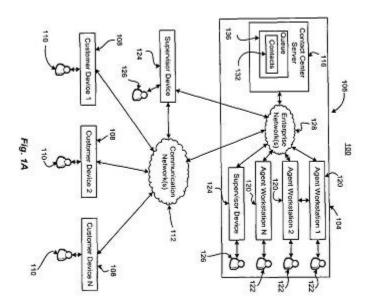
(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: DIALOG COMPATABILITY

(51) International classification :H04M3/5 (31) Priority Document No :14/023,01 (32) Priority Date :10/09/201 (33) Name of priority country :U.S.A. (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	
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(57) Abstract:

A contact center system can receive messages from consumers. The system can then interact with the consumer or customer using a dialog. Before conducting the session with the consumer, past interactions using the dialog are reviewed to determine words, phrases, and other information that caused the dialog to be successful. The information is stored as norms. Upon beginning a new interaction with the dialog, the norms and the past successful dialogs are retrieved and compared to the active dialog while the interaction is ongoing. The comparison is then used to ensure that the present active dialog will lead to a successful outcome or to resolve any issued if the outcome is not likely to be successful.



No. of Pages: 56 No. of Claims: 10

(21) Application No.4075/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUTOMATIC NEGATIVE QUESTION HANDLING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04L12/58 :14/020,674 :06/09/2013 :U.S.A.	
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)SKIBA, DAVID
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)ERHART, GEORGE 3)BECKER, LEE
Filing Date (62) Divisional to Application Number	:NA :NA	4)MATULA, VALENTINE C.
Filing Date	:NA	

(57) Abstract:

A contact center system can receive messages from social media sites or centers. The system can review long messages by identifying content in the long message with negative sentiment. The content with negative sentiment is further analyzed to determine whether the identified content is actionable. If the identified content is actionable, the communication system can automatically routed the long message to an agent for response.

No. of Pages: 44 No. of Claims: 10

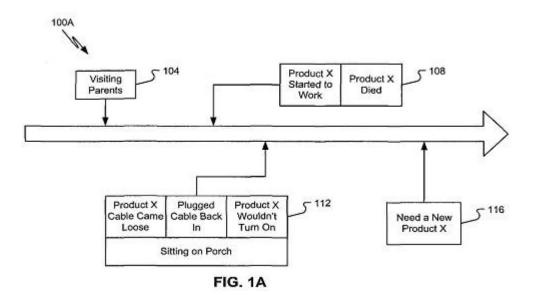
(22) Date of filing of Application :26/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: DIALOG REORDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	H04M3/51:14/043,266	(71)Name of Applicant: 1)AVAYA INC Address of Applicant:211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A. (72)Name of Inventor: 1)SKIBA, DAVID 2)ERHART, GEORGE W. 3)BECKER, LEE 4)MATULA, VALENTINE C.
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(57) Abstract:

An automatic timeline and topic normalization mechanism is described along with various methods and systems for administering the same. The temporal correction system proposed herein creates fully interpreted and reordered representations of events within and external to a dialog, reducing the amount of time and expensive resources typically required for reading, comprehension, and response to written communications.



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

(22) Date of filing of Application :26/12/2013

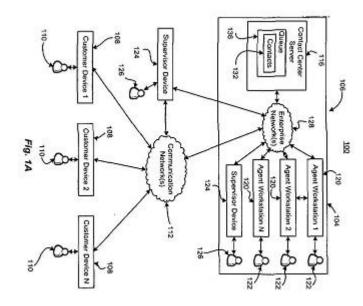
(43) Publication Date: 06/11/2015

(54) Title of the invention: CROSS-LINGUAL SEEDING OF SENTIMENT

		(71)Name of Applicant :
(51) International classification	G06Q50/00,	
	G10L15/18	Address of Applicant :211, MOUNT AIRY ROAD,
(31) Priority Document No	:61/809,737	BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(32) Priority Date	:08/04/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)SKIBA, DAVID
(86) International Application No	:NA	2)ERHART, GEORGE W.
Filing Date	:NA	3)BECKER, LEE
(87) International Publication No	: NA	4)MATULA, VALENTINE C.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A contact center system can receive messages from social media sites or centers. The messages may be in a foreign language. The system can review messages by identifying content in the social media messages with negative/positive sentiment and then identify a seed term in the messages. A seed term can be a word in another language, different from the message body. The seed term is then used to find one or more other words, in the foreign language, that are correlated with the seed term. The identification of the found words in other messages can then be used to determine sentiment in the foreign language.



No. of Pages: 50 No. of Claims: 10

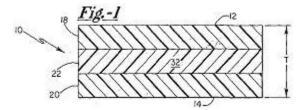
(22) Date of filing of Application :20/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: THERMALLY CONDUCTIVE EMI SUPPRESSION COMPOSITIONS

(51) International classification(31) Priority Document No(32) Priority Date	9/00 :NA :NA	(71)Name of Applicant: 1)THE BERGQUIST COMPANY Address of Applicant:18930 WEST 78TH STREET, CHANHASSEN, MN 55317, U.S.A. U.S.A.
(33) Name of priority country (86) International Application No	:NA :NA	(72)Name of Inventor: 1)SANJAY MISRA
Filing Date	:NA	2)JOHN TIMMERMAN
(87) International Publication No	: NA	3)KASYAP SEETHAMRAJU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An interface pad for suppressing electromagnetic and radio frequency radiation includes first and second generally opposing sides which define a thickness therebetween/ with the interface pad exhibiting thermal conductivity, electrical resistivity, and a hardness of between 10-70 Shore 00 at 20°C. The interface pad is capable of attenuating electromagnetic and/or radio frequency radiation that is commonly associated with interference of electronic components.



No. of Pages: 28 No. of Claims: 22

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: COOKING/BOILING STICKER.

(51) International classification(31) Priority Document No(32) Priority Date	:A47J 27/00 :NA :NA	Address of Applicant :ATUL PRABHAKAR PATIL, C/O P. O. PATIL, VINAYAK COMPLEX, NEAR VADODE
(33) Name of priority country	:NA	HOSPITAL, NEAR JALAMB NAKA, KHAMGAON - 444303,
(86) International Application No Filing Date	:NA :NA	DIST.: BULDHANA, MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PATIL ATUL PRABHAKAR
Filing Date (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Senior citizens always complain about not getting the real taste of Kadhi, Daal, curries, soups etc. food items (which require boiling). The reason for this is that the real process of boiling is not completed. This invention provides a Sticker that accomplishes this task by providing more nucleation sites for boiling/cooking. The invention that provides more and even bubbles for cooking/boiling is a Sticker S; a self-adhesive sheet/lamina, which is to be pasted on the real solid boiling/cooking heat transfer surface Z. The Sticker S is a sheet/lamina of an adhesive material (plain adhesive substance or adhesive substance mixed with the particles or filaments) having 2 surfaces A and Y. The surface A is to be made in contact with the fluid F for the boiling/cooking heat transfer. The surface Y is sticky in nature and is used to paste the Sticker S to the real solid boiling/cooking heat transfer surface Z. The surface Y is covered with a lid L. While making the use of this Sticker S, the lids L is removed, the surface Y is pasted on the real solid boiling/cooking heat transfer surface Z and the surface A is made in contact with the boiling/cooking fluid F. Surface A of the Sticker S is skin-prepared from 1. A large number of microscopic and/or nanoscopic or smaller/miniscale holes (through as well as non-through)/cavities X and 2. A large number of small, insoluble and porous granules T. The surface A could be wrapped into a wrapper (of any type) to protect it before its use or in between its different usages. With this Sticker S, boiling/cooking heat transfer augmentation takes place because the microscopic and/or nanoscopic or smaller/miniscale holes (through as well as non-through) X and large number of porous granules T offer more and even bubbles, which otherwise were absent owing to smooth surfaced pots/containers. This Sticker is also applicable to boilers/distillers where there is need for energy conservation. With this Sticker the people get tasty dishes and the engineers/technocrats get more and even bubbles on the heat transfer surface of the boiler/distiller.

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

(22) Date of filing of Application :10/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYNTHESIS OF POLYETHER ETHER KETONE CARBON NANO PLATELETS COMPOSITES

(51) International classification	:B82Y 30/00,	
(51) International classification	C08K 7/00	Address of Applicant :DEPARTMENT OF PHYSICS, UNIVERSITY OF MUMBAI, VIDYANAGARI, KALINA,
(21) P : ' P W		
(31) Priority Document No	:NA	SANTACRUZ (EAST), MUMBAI 400 098, INDIA. Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	2)MAHANVAR; PRAKASH ANNA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BAMBOLE; VAISHALI ABHAY
(87) International Publication No	: NA	2)MAHANVAR; PRAKASH ANNA
(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 improved polymer compositions that are made from a polymer blended with single wall carbon nanotubes that has been reacted with specified mixtures of organic materials. The compositions of invention have the properties that when the specified carbon nanotubes chain is added to polymer, an exceptionally well dispersed a composite result which is useful as polymer nanocomposites. Polyetheretherketone (PEEK) nanocomposites have enhanced structural and other properties that make them desirable materials for an ever growing number of uses.

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

(22) Date of filing of Application :07/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: IMPROVED FINGOLIMOD PROCESS

		(71)Name of Applicant :
(51) International classification(31) Priority Document No	:C07C309/34, C07D319/04 :NA	
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)GURJAR MUKUND KESHAV
(86) International Application No	:NA	2)TRIPATHY NARENDRA KUMAR
Filing Date	:NA	3)PRAMANIK CHINMOY MRIGANKA
(87) International Publication No	: NA	4)CHAUGULE BALAJI VASANT
(61) Patent of Addition to Application Number	:NA	5)KARHADE GANESH KALURAM
Filing Date	:NA	6)BORHADE AJIT SAHEBRAO
(62) Divisional to Application Number	:NA	7)PATOLE JAYENDRA DATTATRAYA
Filing Date	:NA	8)NEELAKANDAN KALIAPERUMAL
		9)MEHTA SAMIT SATISH

(57) Abstract:

The present invention relates to a novel synthetic route for the preparation of fingolimod and its pharmaceutically acceptable salts. The method comprises reaction of 2-(4-octylphenyl)-acetaldehyde with nitro acetonide, and subsequent conversions of the resulting acetonide protected nitro-alcohol intermediates of formulae (8), (9) and (10) to the penultimate acetonide protected amino intermediates of formula (11), which on deprotection with acid and further treatment with hydrochloric acid gives Fingolimod hydrochloride having purity conforming to regulatory specification.

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

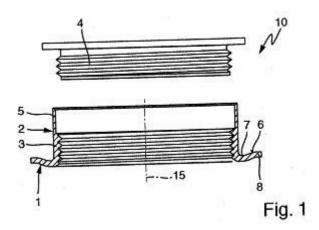
(22) Date of filing of Application :10/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: INSERT FOR A DRUM CLOSURE

(51) International classification(31) Priority Document No(32) Priority Date	:B65D39/08 :13 157 302.4 :28/02/2013 :EUROPEAN	(71)Name of Applicant: 1)TECHNOCRAFT INDUSTRIES (India) LTD. Address of Applicant: A-25, MIDC Marol Industrial Area Road No.3, Andheri (East), Mumbai - 400 093, India Maharashtra
(33) Name of priority country	UNION	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sudarshan SARAF
(87) 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 is related to an Insert (10) for a drum closure and comprising a flange (1) and a cylindrical collar (2), said collar comprising a lower sleeve portion (3) for inserting a plug (4), and an upper lip portion (5) to be beaded about an edge (12) of a cylindrical neck (11) surrounding a drum opening (13), said flange (1) extending radially outward from a lower end of said sleeve portion (3), characterized in that an upper surface (6) of said flange adjacent said collar (2) comprises a circumferentially extending depression (7).



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

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR CLIENT-SIDE ENCRYPTION OF THE SENSITIVE INFORMATION

	:H04L	(71)Name of Applicant:
(51) International classification	9/00,	1)FORBES TECHNOSYS LIMITED
	H04L29/06	Address of Applicant :PLOT NO C-17/18, ROAD NO 16,
(31) Priority Document No	:NA	WAGLE INDUSTRIAL ESTATE, THANE (W) - 400604
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AJAY SINGH
Filing Date	:NA	2)FEROZE KATILA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a method for client side security of data during a monetary transaction in an Internet browser based application. The method comprises of the steps of providing an asynchronous digital signature based on PK1 standards over a web based application. The method further comprises inserting a digital certificate token on a client workstation. The insertion of the digital certificate token and the provision of the asynchronous digital signature further comprise downloading an executable software code in a HTML page through a web browser on the client workstation. The accessed data is sent to the digital certificate token through the software code. The data sent to the digital certificate token generates a digital signature through a hardware of the token. The method further comprises of providing a synchronous encryption on the cheque data by using a 192-bit AES encryption standard. The synchronous encryption is carried out on a database-level and a file-level at the server end. The encrypted cheque data is specifically available to an authenticated and authorized person, which is decrypted in an Internet browser, by using an executable software code in the HTML page.

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

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 06/11/2015

(54) Title of the invention: USER DEFINED FRESH BEVERAGE MAKING & DISPENCING MACHINE

(51) Intermetional elegification	.D.67D1/00	(71) Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. RAJESH GANGAR
(32) Priority Date	:NA	Address of Applicant :801, LILIUM, MAHINDRA GARDEN,
(33) Name of priority country	:NA	S.V. ROAD, GOREGAON (W), MUMBAI 400062,
(86) International Application No	:NA	MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. RAJESH GANGAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fresh beverages making and dispensing machine comprising: at least a beverages database adapted to store a list of beverages that can be provided using said machine; at least a mixer database adapted to store a list of mixers available for making the beverages listed in the beverages database; at least a quantity database adapted to store list of quantities per available mixer available for making the beverages listed in the beverages database; at least a process database adapted to store a list of processes available for making the beverages listed in the beverages database; a combinations processor adapted to provide a combination preference adapted to be set by a user in order to aid a user to prepare his / her own user-defined beverage, said user-defined beverage based on combinations provided by said at least a mixer database, by said at least a quantity database, and by said at least a process database; and at least a unique identifier mechanism adapted to store unique identifiers per pre-set combination stored by or using the combinations processor.

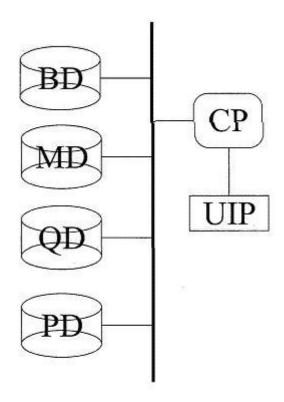


FIGURE I

No. of Pages: 14 No. of Claims: 6

(22) Date of filing of Application :24/01/2014

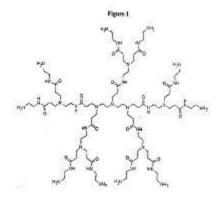
(43) Publication Date: 06/11/2015

(54) Title of the invention : ENERGY STORAGE DEVICE WITH DENDRIMER FUNCTIONALIZED NANOPARTICLES AND FABRICATION METHOD THEREOF

	:B82Y	(71)Name of Applicant:
(51) International classification	30/00,	1)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
	C08g	Address of Applicant :POWAI, MUMBAI 400076,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DHIRENDRA BAHADUR
(86) International Application No	:NA	2)SUDESHNA CHANDRA
Filing Date	:NA	3)MUMUKSHU D PATEL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to energy storage devices. More particularly, the present invention provides electrodes comprising dendrimer-functionalized nanoparticles, a method for fabricating such electrodes and energy storage devices such as electrochemical capacitors comprising such electrodes.



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

(22) Date of filing of Application :13/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: TASTE MASKED CHEWING GUMS FOR PREVENTION OF MOTION SICKNESS

(51) International classification	:A61K9/5015, A61K9/5042, A61K9/1652, A	(71)Name of Applicant: 1)SHALAKA PRANJAL DHAT Address of Applicant:SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD INSTITUTE OF
(31) Priority Document No	:NA	PHARMACY, OFF. SMT. KASHIBAI NAVALE HOSPITAL,
(32) Priority Date	:NA	NARHE, PUNE-411041, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHALAKA PRANJAL DHAT
(87) 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 deals with a simple, convenient and cost effective oral formulation of antiemetics like dimenhydrinate in the form of chewing gum wherein the bitter taste of the active ingredient is masked. The formulation is comprising of dimenhydrinate (DMN) and ion exchange resin (IER) complex, directly compressible gum base (DCGB), powdered nutritive sugar free sweetener, flavor, an anti adherent, a glidant and Colloidal silicon dioxide. The preferred ion exchange resin is Tulsion® 335 and the ratio of dimenhydrinate to IER is 1:1.

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

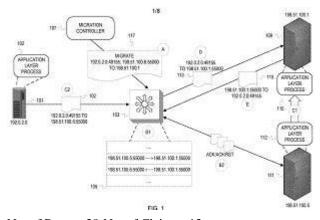
(22) Date of filing of Application :24/01/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: EXTERNALLY INITIATED APPLICATION SESSION ENDPOINT MIGRATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L29/08 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)NetApp, Inc. Address of Applicant: 495 East Java Drive, Sunnyvale CA 94089, United States of America U.S.A. (72)Name of Inventor: 1)Lars R. Eggert
 (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)Naman G. Muley 3)Preetam Patil

(57) Abstract:

In storage networks (e.g., SAN and NAS), various reasons can arise for migrating an application layer communication session endpoint to a different host. To achieve scalability and robustness, the migration can be enacted externally and carried out at a middlebox at the transport layer. When a migration is triggered to migrate an application layer communication session endpoint from a host A to a host B, the middlebox coordinates network address translation with a transport protocol reset mechanism to switch the connection to host B and close the connection on host A with minimal disruption to the non-migrating application layer communication session endpoint using the connection. At the application layer, the non-migrating application layer communication session endpoint will initiate a new connection in response to detecting the reset, and retry any operation that was aborted as a result of the connection switch.



No. of Pages: 38 No. of Claims: 13

(22) Date of filing of Application :01/02/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING ABIRATERONE

	:A61K9/14.	(71)Name of Applicant:
(51) International classification	A61K47/22,	
	A61K47/20	Address of Applicant :ZYDUS TOWER, SATELLITE
(31) Priority Document No	:NA	CROSS ROAD, AHMEDABAD - 380015, GUJARAT, INDIA
(32) Priority Date	:NA	Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KULKARNI SUSHRUT KRISHNAJI
Filing Date	:NA	2)KAPOOR RITESH
(87) International Publication No	: NA	3)MEHTA PAVAK RAJNIKANT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT PHARMACEUTICAL COMPOSITIONS COMPRISING ABIRATERONE • The present invention relates to a pharmaceutical composition comprising abiraterone or pharmaceutically acceptable salts thereof and at least one solubility enhancing agent. The invention also provides a method of treating prostate cancer comprising administration of the pharmaceutical composition comprising abiraterone, at least one solubility enhancing agent and one or more pharmaceutically acceptable excipients

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : A DEVICE FOR DOSING AN AQUEOUS SOLUTION AND A METHOD OF PURGING AQUEOUS SOLUTION

(51) I	DOCD	
(51) International classification	:B02B	(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)NARENDIRAN ND
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device for dosing an aqueous solution and a method of purging the aqueous solution is disclosed. The device comprises a tank, a supply module, dosing module and a flow path extending from the tank through the supply module to the dosing module. The device is characterized by a valve in the dosing module, a pressurized air source in fluid communication with the valve in the dosing module. The valve adapted to be switched in manner such that a fluid communication is established between the pressurized air source and the flow path. The method of purging comprises the following steps: (i) switching a valve in a dosing module to a second position to establish a fluid communication between a pressurized air source and a flow path and purging aqueous solution in the flow path through the flow path from the dosing module through the supply module to the tank.

No. of Pages: 11 No. of Claims: 8

(22) Date of filing of Application :21/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR CAPTURING AND DISPLAYING IMAGES OF SURROUNDINGS CONDITIONS AT AN OBSTACLE WHICH IS TO BE APPROACHED BY A UTILITY 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 	:Germany :NA :NA : NA :NA	(71)Name of Applicant: 1)MAN Truck & Bus AG Address of Applicant: Dachauer Str. 667 80995 M½nchen Germany (72)Name of Inventor: 1)D-RNER Karlheinz
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Method and device for capturing and displaying images of surroundings conditions at an obstacle which is to be run into by a utility vehicle The invention relates to a method and a device for capturing and displaying images of surroundings conditions at at least one obstacle (1) which is to be approached by a utility vehicle (10), in particular a lorry and/or a bus, in which method an image-capturing device is mounted on the at least one obstacle (1), by means of which utility-vehicle-specific data on the utility vehicle (10) which is approaching the at least one obstacle (1) are captured graphically and transmitted by means of a transmission device (11) in a wireless fashion to a utility-vehicle-side receiver unit (12) and displayed by means of a display device (16). According to the invention, the image-capturing device is formed by at least one camera (4 to 9; 18a, 18b, 18c) which is mounted on the at least one obstacle (1), in such a way that said image-capturing device records a preferably at least two-dimensional image of the surroundings of the obstacle together with the utility vehicle (10) which is approaching the at least one obstacle (1), wherein this image is transmitted in real time to the receiver unit (12) and displayed by the display device (16).

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

(22) Date of filing of Application :24/04/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PRODUCING A PRODUCT GAS RICH IN HYDROGEN

(51) International classification	:C10J 3/64 :10 2006 049	(71)Name of Applicant: 1)MUHLEN, HEINZ-JURGEN
(31) Priority Document No	701.5	Address of Applicant :DIONYSIUSKIRCHPLATZ, 5, 45355
(32) Priority Date	:18/10/2006	ESSEN, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP07/08943	1)MUHLEN, HEINZ-JURGEN
Filing Date	:16/10/2007	
(87) International Publication No	:(WO 2008/046578)	
(61) Patent of Addition to Application Number	,	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for producing a product gas rieh in hydrogen, wherein a starting material eomprising carbon is split by means of pyrolysis, and the resulting pyrolysis gas, which is mixed with water vapor to increase the hydrogen content, is heated. The method obtains the heat necessary for the process from the combustion of the pyrolysis coke that is produced. To this end, the heat necessary for the individual process steps is fed to the process by means of a heat transfer medium circuit, which is heated in a heating zone (13) by means of flue gas (12) from the pyrolysis coke firing (11), the pyrolysis / water vapor mixture is subsequently heated in a reaction zone (3), the pyrolysis zone (2) is heated, cooled in a cooling zone (19), and subsequently returned to the beginning of the circuit. For improved use of the heat and more accurate temperature control, the invention discloses that a preheating zone (13) is provided in the heat transfer medium circuit upstream of the heating zone (13), wherein the heat transfer medium circuit is preheated by means of the hot product gas, and that the heat transfer occurs in the pyrolysis zone (2) indirectiy, and without any direct contact with the heat transfer medium.

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

(22) Date of filing of Application :28/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PRODUCING PHENYLHYDRAZINES

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)SUMITOMO CHEMICAL COMPANY LIMITED
(+ -) j	121551	Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(32) Priority Date	:31/05/2011	Tokyo 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ISHIDA Hajime
Filing Date	:NA	2)KIKUCHI Yuta
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for producing phenylhydrazines (II) in an excellent yield is provided. More specifically a method for producing phenylhydrazines (II) comprising reacting a diazonium salt (I) with at least one kind selected from the group consisting of a sulfite and a bisulfite in the presence of water; subjecting the resultant reaction mixture to contact treatment with an acid; and mixing the mixture with a base at 0 to 20C to adjust its pH to the range of 8 to 11. In the diazonium salt (I) and the phenylhydrazines (II) R1 is preferably an alkoxy group.

No. of Pages: 30 No. of Claims: 7

(22) Date of filing of Application :28/05/2012

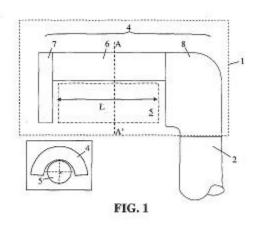
(43) Publication Date: 06/11/2015

(54) Title of the invention: NACELLE MAIN FRAME STRUCTURE AND DRIVE TRAIN ASSEMBLY FOR 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 	:F03D :11168522.8 :01/06/2011 :EPO :NA :NA : NA	(71)Name of Applicant: 1)ZF Wind Power Antwerpen NV Address of Applicant: De Villermontstraat 9 2550 Kontich-Belgium Belgium (72)Name of Inventor: 1)SMOOK Warren
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a nacelle main frame structure and drive train assembly (1) for being mounted on a tower (2) of a wind turbine. The nacelle main frame structure and drive train assembly (1) comprises a nacelle main frame structure (4) comprising a central part (6) connecting a first part (7) which during wind turbine operation and/or servicing activities takes up loads of a rotor (9) supported by that first part (7) to a second part (8) which connects the nacelle main frame structure (4) to the tower (2) of the wind turbine in a rotatable manner around a vertical axis of the tower (2). The nacelle main frame structure and drive train assembly (1) furthermore comprises a drive train (5) of which at least part is located between the first part (7) and the second part (8) of the nacelle main frame structure (4).



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

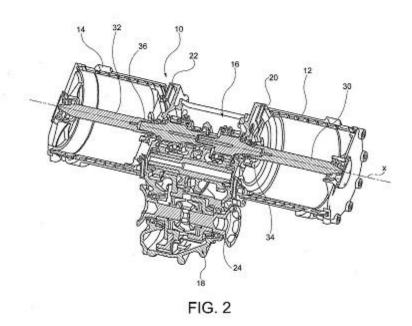
(22) Date of filing of Application :28/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELECTRIC PROPULSION 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 (61) Patent of Addition to Application Number 	:F16H :TO2011A000483 :03/06/2011 :Italy :NA :NA :NA	(71)Name of Applicant: 1)OERLIKON GRAZIANO S.p.A Address of Applicant: Via Cumiana 14 I-10098 Rivoli (Torino) Italy Italy (72)Name of Inventor: 1)BOLOGNA Simone
(87) International Publication No(61) Patent of Addition to Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The propulsion system (10) comprises two electric motors (12, 14), a gearbox (16) with at least three forward gears and control means arranged to control the two electric motors (12, 14) and to control the engagement of the gears of the gearbox (16). The gearbox (16) comprises two primary shafts (26, 28) which are associated the one to the odd gears and the other to the even gears and are permanently connected each to a respective electric motor (12, 14). The control means are arranged to control the two electric motors (12, 14) and to control the engagement of the gears of the gearbox (16) so as to provide at least a first operating mode in which the first gear and the second gear are engaged at the same time and a second operating mode in which the second gear and the third gear are engaged at the same time, in each of these operating modes the torque being transmitted by both the electric motors (12, 14). (Figure 2)



No. of Pages: 14 No. of Claims: 7

(21) Application No.3647/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :23/06/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: BACK REST OF A MECHANICAL LOOM

(51) International classification	:D03D49/22	(71)Name of Applicant :
(31) Priority Document No	:102006061376.7	1)LINDAUER DORNIER GESELLSCHAFT MBH
(32) Priority Date	:23/12/2006	Address of Applicant :RICKENBACHER STRASSE 119, D-
(33) Name of priority country	:Germany	88129 LINDAU Germany
(86) International Application No	:PCT/DE07/02283	(72)Name of Inventor:
Filing Date	:19/12/2007	1)LAUKAMP, THOMAS
(87) International Publication No	:WO 2008/077383	2)OBERMAYR, DANIEL
(87) International Lubilication 140	A1	3)LANGER, MICHAEL
(61) Patent of Addition to Application Number	:NA	4)KRUMM, VALENTIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a back rest (1) for a weaving machine, wherein warp thread motions in the warp direction are evened-out by a thread deflecting element that is arranged oscillatably on a leaf spring embodied in a mass-optimized manner. For that, a base body (4) of the back rest is arranged in a weaving machine frame (5), at least one leaf spring (6) is connected on a mounting side (7) rigidly with the base body (4), and at least one thread deflecting element (10) guiding the warp threads (9) is arranged on an outer side (8) of the leaf spring lying opposite the mounting side (7). The mass of the leaf spring (6) with respect to a unit length diminishes in the direction of the outer side (8) of the leaf spring (6).

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

(21) Application No.6910/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention: METHODS OF TREATING MEIBOMIAN GLAND DYSFUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A01N 43/40 :61/293,966 :11/01/2010 :U.S.A. :PCT/US2011/020871 :11/01/2011 : NA :NA	(71)Name of Applicant: 1)GTX INC. Address of Applicant: 175 Toyota Plaza 7th Floor Memphis TN 38103 United States of America U.S.A. (72)Name of Inventor: 1)DALTON James T. 2)ESWARAKA Jeetendra
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention includes methods for treating Meibomian gland dysfunctions. The invention also includes methods for improving tear lipid composition for treating abnormal Meibomian gland secretion and for normalizing Meibomian gland secretions.

No. of Pages: 69 No. of Claims: 46

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR DETECTING MATERIALS

(51) International classification	:G01N 21/00	(71)Name of Applicant:
(31) Priority Document No	:61/304,318	1)Advanced Fusion Systems LLC
(32) Priority Date	:12/02/2010	Address of Applicant :11 Edmond Road Newtown CT 06470
(33) Name of priority country	:U.S.A.	United States of America U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date	:14/02/2011	1)BIRNBACH Curtis A.
(87) International Publication No	: NA	,
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method for detecting one or both of the native material in an object and any foreign material in the object by parallel-mode spectroscopy, comprising parallel-mode data acquisition, signal processing and data reduction and providing results. Parallel-mode data acquisition comprises producing an interrogating signal simultaneously containing electromagnetic radiation of sufficient bandwidth in the range of approximately 10 GHz to approximately 25 THz to allow simultaneous detection of a plurality of signals at a plurality of frequencies, each signal being at some amplitude, which collectively provide a unique spectral signature of a material whose detection is desired. The signal processing and data reduction comprises processing a signal resulting from exposing the object to the interrogating radiation to produce a three- dimensional data matrix representative of at least any foreign or native material associated with the object. Correlation technique is used to compare the data matrix to a reference library.

No. of Pages: 44 No. of Claims: 15

(22) Date of filing of Application :07/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR STABILIZING WATER INSOLUBLE BIOACTIVE COMPOUND AQUEOUS DISPERSIONS ullet

(57) Abstract:

A method for suspending microparticulated water insoluble bioactive compound in a beverage by incorporating solubilized or dispersed microparticulated compound and at least one dispersion stabilizer into a beverage. A composition comprising solubilized or dispersed microparticulated water insoluble bioactive compound and a dispersion stabilizer agent.

No. of Pages: 32 No. of Claims: 18

(21) Application No.7252/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PATENT SCORING AND CLASSIFICATION

(31) Priority Document No :NA 1) (32) Priority Date :NA (33) Name of priority country :NA Isla (86) International Application No :PCT/IB2010/000335 (72) Filing Date :25/01/2010 1)	71)Name of Applicant: 1)CPA SOFTWARE LIMITED Address of Applicant: Liberation House Castle Street Channel slands St. Helier Jersey JE1 1BL U.K. 72)Name of Inventor: 1)KHAN K Arif 2)JINDAL Rahul
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(57) Abstract:

A method system and apparatus for classifying intangible assets are provided. The method includes determining an objective of classification. The method further includes constructing via a processor a Discriminant Analysis (DA) model using one or more test sets of intangible assets. The DA model includes one or more discriminant functions operable to classify the one or more test set of intangible assets into two or more groups based on a set of attributes associated with one or more intangible assets of the test set of intangible assets to meet the objective of classification. Thereafter the method includes classifying a target set of intangible assets via the DA model.

No. of Pages: 42 No. of Claims: 29

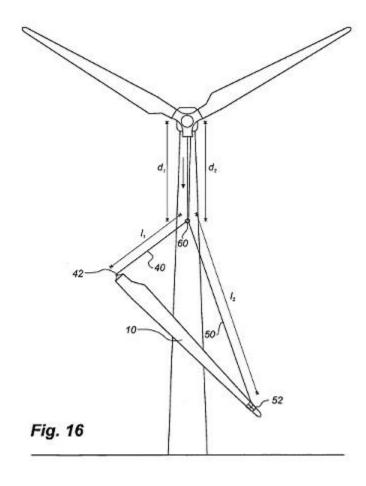
(22) Date of filing of Application :21/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: A METHOD OF CRANELESS MOUNTING OR DEMOUNTING OF 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 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)LM GLASFIBER A/S Address of Applicant: Jupitervej 6 DK-6000 Kolding Denmark Denmark (72)Name of Inventor: 1)OKUTAN Ufuk
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of craneless mounting or demounting of a wind turbine blade of a wind tur-bine is presented. The wind turbine includes a tower on top of which a machine housing is arranged the machine housing comprising a hub from which a number of wind turbine blades extend substantially radially and wherein the wind turbine blade comprises a root end and a tip end. Fig. 16



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

(21) Application No.7446/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELEVATOR SYSTEM HAVING A BRAKE DEVICE

:NA

:NA

(51) International classification: B66B5/18,B66B5/20,F16D65/14 (71) Name of Applicant: (31) Priority Document No :10156865.7 1)INVENTIO AG (32) Priority Date :18/03/2010 Address of Applicant: Seestrasse 55 CH 6052 Hergiswil (33) Name of priority country :EPO Switzerland (86) International Application (72) Name of Inventor: :PCT/EP2011/053669 1)HUSMANN Josef :11/03/2011 Filing Date (87) International Publication :WO 2011/113753 (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

The invention relates to an elevator system having an elevator car (2) displaceably disposed along at least two guide rails (6) and the elevator car (2) has a brake device (10) having at least two brakes (11 11a 111). The brake (11 11a 111) comprises a brake shoe (15 15a 115) having a substantially curved shape and the brake shoe (15 15a 115) is rotationally disposed in a brake shoe holder (13 13a 113) which is supported in the brake housing (12 112) so as to be linearly slidable between a ready position and an engaged position. An actuator (30) holds the brake (11 11a 111) in a ready state and can actuate the brake (11 11a 111) as needed. To this end the actuator (30) has an energy accumulator (31) which acts on the brake (11 11a 111) via a connection point (37 37a) and brings the brake (11 11a 111) into the engaged position. The energy accumulator (31) is mounted electromagnetically and a return device (36) allows the energy accumulator (31) and the actuator (30) to return to the operating position upon their actuation.

No. of Pages: 44 No. of Claims: 15

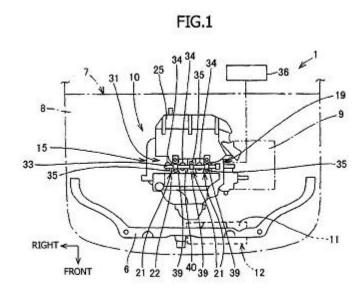
(22) Date of filing of Application :30/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: BI-FUEL ENGINE 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 	:F02M :2011- 166628 :29/07/2011 :Japan :NA :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-Ken 4328611 Japan Japan (72)Name of Inventor: 1)Takehiro SUZUKI
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(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A surge tank is disposed across a space for allowing the cylinder head cover to be removed upward of the cylinder head cover the cylinder head cover is disposed at an upper portion of the engine body each of the branch pipes is provided with a curved portion which is curved toward the engine body at a side of the attachment portion for attachment to the engine body and also with an inclined portion for communicating between the curved portion and the surge tank a position of the curved portion becomes higher in a vertical direction as the inclined portion approaches the surge tank from the curved portion and an air cleaner is disposed above the inclined portion so as to have a predetermined clearance relative to the surge tank and the gaseous fuel injection system is disposed in this clearance. (FIG. I)



No. of Pages: 19 No. of Claims: 3

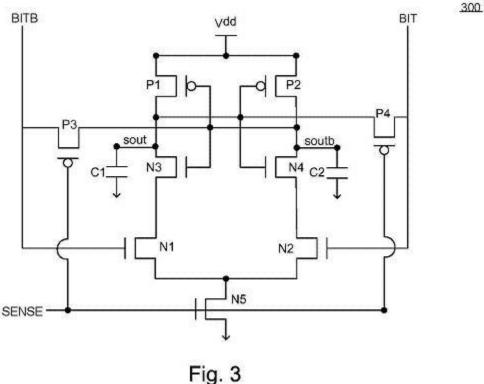
(22) Date of filing of Application :11/09/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: DUAL SENSING CURRENT LATCHED SENSE AMPLIFIER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/03/2011 :WO 2011/119643 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: ATTN: INTERNATIONAL IP ADMINISTRATION 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)CHEN Nan 2)CHABA Ritu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A sense amplifier and method thereof are provided. The sense amplifier includes first and second transistors coupled to first and second bit lines respectively. The first and second transistors are configured to connect the first and second bit lines to a differential amplifier during a first state (e.g. when a differential voltage is present on the first and second bit lines and prior to a sense signal transition) and to isolate the first and second bit lines from the differential amplifier during a second state (e.g. after the sense signal transition). The sense amplifier further includes a third transistor configured to deactivate the differential amplifier during the first state and configured to activate the differential amplifier during the second state.



No. of Pages: 24 No. of Claims: 35

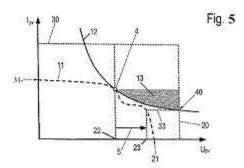
(22) Date of filing of Application :18/09/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR DETERMINING A MAXIMUM POWER POINT OF PHOTOVOLTAIC GENERATORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G05F1/67 :10154537.4 :24/02/2010 :EPO :PCT/EP2011/052646 :23/02/2011 :WO 2011/104253	(71)Name of Applicant: 1)SMA SOLAR TECHNOLOGY AG Address of Applicant:Sonnenallee 1 34266 Niestetal Germany (72)Name of Inventor: 1)KLEIN Jens 2)BETTENWORT Gerd 3)HOPF Markus
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Method for determining a maximum power point (MPP) of photovoltaic generators (PV) by variation of at least one parameter of the two parameters search voltage and search current by means of a device connected downstream of photovoltaic generator within a maximally searchable search area on a power/voltage curve comprising the following method steps: initializing by defining a start point (4) with a start power with a start voltage and a start current (step 100) searching for the maximum power point (MPP) in at least one search direction (5 6) by repeated variation of the search voltage or of the search current in the search area taking account of at least two limiting conditions for limiting the search area and ending the search directions taking account of at least one first and one second limiting condition for limiting the search area.



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

(22) Date of filing of Application: 18/09/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention : EPITHELIAL CELL CELL ADHESION ENHANCER AND AMELIORATING THERAPEUTIC OR PROPHYLACTIC AGENT FOR ALLERGIC DISEASES USING SAME

(51) International :A61K31/702,A61K33/00,A61K33/06

classification (31) Priority Document No :2010036698

(31) Priority Document No :2010036698 (32) Priority Date :22/02/2010 (33) Name of priority

country :Japan

(86) International :PCT/JP2011/053833

Application No
Filing Date

FC1/3F201
:22/02/2011

(87) International

Publication No :WO 2011/102529

(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)Tokai medical test laboratory CO.

Address of Applicant :2254 10 Shimokasuya Isehara shi

Kanagawa 2591143 Japan

2)NichiNichi Pharmaceutical Co. Ltd. 3)B FOOD SCIENCE CO. LTD.

(72)Name of Inventor : 1)KOGA Yasuhiro

2)SUZUKI Yoshimitsu 3)MAKISHIMA Satoshi

4)OGASA Kazuo 5)SUZUKI Masayuki 6)IIZUKA Toshiko

(57) Abstract:

Disclosed is a composition containing a specific oligosaccharide and a bivalent metal cation, which exhibits an effect on the amelioration, treatment or prevention of allergy or topical inflammatory reactions in an extremely safe and effective manner compared to synthetic oral steroid medicines in spite of a fact that the composition contains components that are generally familiar as a food or an ion occurring in living bodies and have no toxicity against living bodies when used at physiological concentrations. Specifically disclosed is a cell-cell adhesion enhancer in epithelial cells, which comprises 1-kestose and/or nystose and a bivalent metal cation as active ingredients. The enhancer can prevent the disruption of an epithelial cell-cell tight junction protein that causes the invasion of an allergen into the body, can repair the epithelial cell-cell tight junction protein or promote the formation of the epithelial cell-cell tight junction protein, whereby the epithelial cell-cell adhesion can be enhanced and the effective amelioration, treatment and prevention of allergic symptoms can be achieved.

No. of Pages: 37 No. of Claims: 6

(22) Date of filing of Application: 18/09/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: PISTON FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02F3/00,F02F1/08,F02F1/20 (71)Name of Applicant :

(31) Priority Document No :2010064106 (32) Priority Date :19/03/2010

(33) Name of priority country :Japan

:PCT/JP2011/056164 (86) International Application No

Filing Date :16/03/2011 (87) International Publication No :WO 2011/115152

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)HONDA MOTOR CO. LTD.

Address of Applicant: 1 1 Minami Aoyama 2 chome Minato

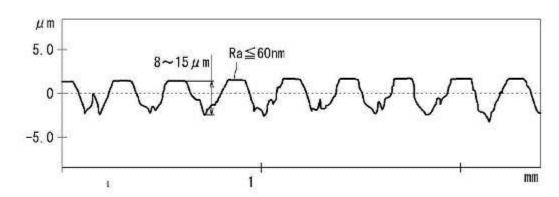
ku Tokyo 1078556 Japan (72) Name of Inventor: 1)TAKADA Rvotaro

2)SARUYAMA Mayumi 3)TSUJII Yositaka

(57) Abstract:

Provided is an aluminium alloy piston (64) for an internal combustion engine. In the internal combustion engine the piston (64) moves back and forth in a sleeve (62) made of grey cast iron or an aluminium alloy. Further the piston (64) which is made from silver silver alloy copper or copper alloy is provided with a film (72) that covers the scoring (68) that is formed on the piston skirt (66) and there are undulations in the surface of the film (66) formed from protrusions (80) and depressions (78). There is a difference of 8 15 µm between the lowest point of the depressions (78) and the highest point of the protrusions (80). The pitch of adjacent protrusions corresponds to the pitch of projections in the scoring (68). In addition the arithmetic average roughness (Ra) of the protrusion peaks does not exceed 60 nm.





No. of Pages: No. of Claims:

53

(21) Application No.8048/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/09/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: MOTORCYCLE

(51) International

:B62K11/04,B62K19/30,B62M7/02

classification

:NA

:PCT/JP2010/001215

:WO 2011/104749

:23/02/2010

:NA

(31) Priority Document No (32) Priority Date

:NA (33) Name of priority country: NA

(86) International Application

Filing Date (87) International Publication

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

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

Number Filing Date (71)Name of Applicant:

1)HONDA MOTOR CO. LTD.

Address of Applicant: 1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72) Name of Inventor:

1)FUJIYAMA Kotaro

2)SHIMIZU Hideki

3)SAKAMOTO Junichi

4)IKAMI Satoru

(57) Abstract:

The motorcycle comprises a chassis frame (5); an engine (20), a hanger portion (21) suspended from the chassis frame (5); a pair of down tubes (9) extending downward in the fore portion of the chassis frame (5); and an engine hanger bracket (100), further comprising plate portions (101) and collar portions (106) disposed upon the plate portions (101), the engine hanger bracket (100) linked to the pair of down tubes (9) and the hanger portion (21). The motorcycle further comprises an upper suspension portion (112), which suspends the engine (20) by fastening the down tubes (9), the plate portions (101), the collar portions (106), and an upper hanger portion (22), in a state of being positioned in a linear state in the vehicle width direction; and a lower suspension portion (124), which suspends the engine (20) by fastening the plate portions (101) and a lower hanger portion (23).

No. of Pages: 45 No. of Claims: 7

(22) Date of filing of Application :18/09/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PYRROLOPYRAZINE KINASE INHIBITORS

(51) International classification :C07D487/04,C07D519/00,A61K31/4985

(31) Priority Document :61/315998

No

(32) Priority Date :22/03/2010
(33) Name of priority :U.S.A.

country :U.S.F

(86) International Application No :PCT/EP2011/054091

Filing Date :18/03/2011

(87) International Publication No :WO 2011/117145

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

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

(71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

Address of Applicant :Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72)Name of Inventor:

1)HENDRICKS Robert Than 2)HERMANN Johannes Cornelius

3)KONDRU Rama K.

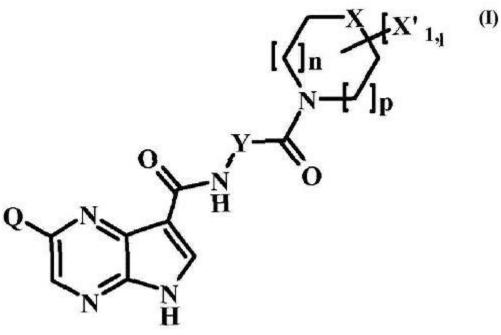
4)LOU Yan

5)LYNCH Stephen M. 6)OWENS Timothy D.

7)SOTH Michael

(57) Abstract:

The present invention relates to the use of novel pyrrolopyrazine derivatives of Formula (I) wherein the variables n p q Q X X and Y are defined as described herein which inhibit JAK and SYK and are useful for the treatment of auto immune and inflammatory diseases.



No. of Pages: 232 No. of Claims: 29

(21) Application No.8052/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : CELLULOSE FIBRE BASED SUPPORT CONTAINING A MODIFIED PVA LAYER AND A METHOD ITS PRODUCTION AND USE

(51) International classification :D21H19/20,D21H19/32,D21H21/16

(31) Priority Document No :1051283 (32) Priority Date :23/02/2010

(33) Name of priority :France

country (86) International

(86) International PCT/FI2011/050039
Application No

Filing Date :19/01/2011

(87) International Publication No :WO 2011/104427

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

(71)Name of Applicant:

1)AHLSTROM CORPORATION

Address of Applicant :Salmisaarenaukio 1 FI 00180 Helsinki

Finland

(72)Name of Inventor: 1)DUFOUR Menno 2)FANTINI Diego

3)GAUTHIER Gilles

(57) Abstract:

Filing Date

A cellulose fibre based support of which at least one surface is coated with a layer containing at least one water soluble polymer having hydroxyl functions at least some of which have been reacted beforehand with at least one organic molecule that contains at least one vinylic function characterized in that said organic molecule also has an aldehyde function. Method for production thereof.

No. of Pages: 29 No. of Claims: 16

(22) Date of filing of Application :18/09/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : COATED SHEET LIKE PLASTIC MATERIAL WITH REDUCED TENDENCY TO COLONIZATION BY ALGAE PROCESS FOR THE IN LINE PRODUCTION THEREOF AND USE

(51) International classification :C08J7/04,C09D1/00,B01J35/00 (71)Name of Applicant : (31) Priority Document No :10 2010 003 042.2 (71)Name of Applicant : 1)EVONIK R-HM GMBH

(32) Priority Date :19/03/2010 Address of Applicant :Kirschenallee 64293 Darmstadt

(33) Name of priority country :Germany (86) International Application No :PCT/EP2011/053060 (72)Name of Inventor :

Filing Date :02/03/2011 1)HASSKERL Thomas (87) International Publication No :WO 2011/113692 2)SCHARNKE Wolfgang

(61) Patent of Addition to
Application Number
:NA
:NA
4) SCHMIDT Jann
:NA

Filing Date 5)LU Xin (62) Divisional to Application 6)SCHNE

(62) Divisional to Application
Number
:NA
:NA

(57) Abstract:

Filing Date

A coated sheet-like plastics material comprising a) as base, a thermoplastic substrate; and b) on the base, a photocatalytically active coating comprising a water-spreading layer which involves either a sol-adhesion-promoter layer, layer bl+2), comprising an adhesion promoter and a colloid sol, or a colloid-sol layer b2) arranged on an adhesion-promoter layer bl) applied on the substrate a), and a photocatalytically active layer b3) arranged on the water-spreading layer bl+2) or b2), where b3) is obtainable through application and drying of a mixture comprising, based on the solids content of the mixture in percent by weight b31) from 1 to 25% of titanium dioxide and b32) from 75 to 99% of silicon dioxide and/or of a metal oxide which is not soluble in water or of an anionically modified silicon dioxide or metal oxide; where the titanium dioxide is particulate with an average primary-particle size smaller than 10 nm. Inline process for producing said material, and also use as roofing material or as glazing material, preferably in areas with moist conditions. The coated sheet-like plastics material of the invention combines water-spreading properties with photocatalytic activity, without any damage to the thermoplastic substrates. The coated sheet-like plastics substrate of the invention is produced in a relatively uncomplicated, inexpensive and fast in-line process and, in use, provides impressive substrate stability and impressive effectiveness of the coating in resisting initial algal growth.

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

(22) Date of filing of Application :24/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: TURBINE WITH POPPING DOOR PANS FOR POWER GENERATION USING FLOWING WATER OR LASHING SEA WAVES

(51) International classification	:F01D 5/00	(71)Name of Applicant: 1)M. MOHAMEDALI
(31) Priority Document No	:NA	Address of Applicant :227/1, KURINJI NAGAR,
(32) Priority Date	:NA	UDUMALAI ROAD, CHITRAVUTHAM PALAVAM (PO),
(33) Name of priority country	:NA	DHARAPURAM - 638 657, TIRUPUR DISTRICT Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)M. MOHAMEDALI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA :NA :NA	UDUMALAI ROAD, CHITRAVUTHAM PALAVAM (PO) DHARAPURAM - 638 657, TIRUPUR DISTRICT Tamil Na India (72)Name of Inventor:

(57) Abstract:

A device to produce electricity using the flowing water or the lashing sea waves. It is a novel method of underwater turbine comprising of a central axis 2 with which the popping up drag door pans 3 are attached laterally in multiples at equal distance, a set of gears which transfer the force from the central axis 2 to the generator 6, a floating system that helps the whole instrument to float in the water column and a metal stand 1 which holds all the components. The popping up drag door/s 4 of the popping up drag door pan 3 is open able only one side. The popping up drag door/s of two opposite popping up drag door pans 3 are open able towards the opposite directions. While the water flowing or lashing over the turbine, the popping up drag door/s 4 of one popping up drag door pan 3 is forcefully opened by the water force and the water passes to the other side through the gaps of the opened door/s. Simultaneously, the popping up drag door/s 4 of the opposite popping up drag door pan 3 are forcefully closed by the water force, the popping up drag door pan 3 is pushed back and in turn the central axis 2 is rotated.

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

(21) Application No.8485/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012 (43) Publication Date: 06/11/2015

(54) Title of the invention: SHORT SYNTHESIS OF TOLTERODINE INTERMEDIATES AND METABOLITES

(51) International :C07C45/48,C07C213/08,C07C227/16 classification

(31) Priority Document No :10155864.1 (32) Priority Date :09/03/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/053465

Application No :08/03/2011 Filing Date

(87) International

:WO 2011/110556 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)LEK PHARMACEUTICALS D.D.

Address of Applicant : Verovskova 57 1526 Ljubljana Slovenia

(72)Name of Inventor: 1)STERK Damjan

(57) Abstract:

A process is described for the preparation of intermediates which can be used for preparation of agents for urinary incontinence therapy specifically to 2 (3 (diisopropylamino) 1 phenylpropyl) 4 (hydroxymethyl)phenol and its prodrugs.

No. of Pages: 47 No. of Claims: 24

(22) Date of filing of Application :14/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING BANDWIDTH OF OPERATION FOR MACHINE TYPE COMMUNICATION DEVICES IN LONG TERM EVOLUTION NETWORKS

(74) T	*************	71.33
(51) International classification	:H04W72/00	(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. 66/1
(86) International Application No	:NA	Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore
Filing Date	:NA	560093 Karnataka India Bihar 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)MANEPALLI Venkateswara Rao
(62) Divisional to Application Number	:NA	3)GANAPATHI Sarvesha Anegundi
Filing Date	:NA	

(57) Abstract:

The present invention provides a method and system of communication with low cost Machine type Communication (MTC) devices. In one embodiment, a MTC device transmits capability information to a base station. The capability information includes identity associated with the MTC device, an operating frequency and an operating bandwidth supported by the MTC device, antenna configuration information, support for number of radio frequency (RF) chains, and/or half duplex configuration. The base station tunes the MTC device to the operating frequency and the operating bandwidth supported by the MTC device based on the capability information. The base station sends a message indicating the MTC device to be tuned to the operating frequency and/or the operating bandwidth. Accordingly, the base station and the MTC device exchange messages (control messages and/or data messages) within the operating bandwidth over the operating frequency. Figure 1

No. of Pages: 29 No. of Claims: 33

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: REMOVAL OF VIRULENCE FACTORS THROUGH EXTRACORPOREAL THERAPY •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:09/02/2011 : NA	(71)Name of Applicant: 1)EXTHERA MEDICAL LLC Address of Applicant:813 Heinz Ave. Berkeley California 94710 United States of America U.S.A. (72)Name of Inventor: 1)MCCREA Keith 2)WARD Robert S.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

A method to remove virulence factors from infected blood by passing the blood through a surface cartridge with immobilized carbohydrates such as heparin wherein the virulence factors are toxins released from pathogens such as B. anthracis S. aureus and P. aeruginosa.

No. of Pages: 35 No. of Claims: 24

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HANDLE BAR COVER FOR A MOTORCYCLE

(51) International classification	:B62D	(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)RENGARAJAN BABU
(61) Patent of Addition to Application Number	:NA	2)BHARAT ARVIND RAJPUT
Filing Date	:NA	3)PALANISAMY NANDAKUMAR
(62) Divisional to Application Number	:NA	4)THANIKACHALAM GUNALAN
Filing Date	:NA	5)SHAILESH KUMAR

(57) Abstract:

ABSTRACT The present invention relates to a novel handle bar cover for partially covering a handle bar and an upper bracket which is removably attachable to a handle bar assembly at least at three locations. It comprises of a neck present in an anterior portion of the handle bar cover and a main body present in a posterior portion of the handle bar cover, each of them further comprising additional elements. The handle bar cover is also functional as an ignition lock cover and a steering shaft cover and is devoid of excessive compressive forces on its surface due to its construction.

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

(21) Application No.4353/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROCESS FOR THE POLYMERIZATION OF STYRENE •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F03D :09178690.5 :10/12/2009 :EPO :PCT/EP2010/069012 :07/12/2010 : NA :NA	(71)Name of Applicant: 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant: Stationsstraat 77 NL-3811 MH Amersfoort The Netherlands Netherlands (72)Name of Inventor: 1)HOGT Andreas Herman 2)FISCHER Bart
(61) Patent of Addition to Application	:NA	2)FISCHER Bart
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wind power turbine, for generating electric energy, has a supporting structure (2); a nacelle (3); a blade assembly (5) rotating with respect to the nacelle (3); a first and second electric machine (9, 13) having, respectively, a first and second stator (10, 14), and a first and second rotor (11, 15) substantially coaxial with each other and fitted to the first and second stator (10, 14) to rotate about a first and second axis (A1, A2); and a transmission assembly (17; 48; 71) for connecting the first and second rotor (11, 15); the transmission assembly (17; 48; 71) being deformable. (Fig.1)

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

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PLANTS TOLERANT TO HPPD INHIBITOR HERBICIDES

(51) International classification (31) Priority Document No	:C12N9/02 :09015986.4	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH
(32) Priority Date	:23/12/2009	Address of Applicant :ALFRED-NOBEL-STRASSE 10,
(33) Name of priority country	:EPO	40789, MONHEIM Germany
(86) International Application No	:PCT/EP2010/070587	(72)Name of Inventor:
Filing Date	:22/12/2010	1)POREE, FABIEN
(87) International Publication No	:WO 2011/076892	2)LABER, BERND
(61) D (A1	3)KNITTEL-OTTLEBEN, NATHALIE
(61) Patent of Addition to Application	:NA	4)LANGE, GUDRUN
Number	:NA	5)SCHULZ, ARNO
Filing Date (62) Divisional to Application Number	:NA	6)HAIN, RUEDIGER
Filing Date	:NA	

(57) Abstract:

The present invention relates to nucleic acid sequences encoding a hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27, abbreviated herein as HPPD) obtained from bacteria belonging to the genus Rhodococcus as well as the proteins encoded thereby, and to a chimeric gene which comprises such nucleic acid sequence, and to the use of such nucleic acid sequences, proteins or chimeric genes for obtaining plants which are tolerant to HPPD inhibitor herbicides.

No. of Pages: 179 No. of Claims: 16

(21) Application No.2589/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: VERTICAL AXIS WIND TURBINE

(51) International classification(31) Priority Document No	:F03D :NA	(71)Name of Applicant: 1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO.:6 NEW NO:72, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT The present invention relates to a vertical axis wind turbine for generating multi kilo watt power at rated wind speed by means of scaled up rotor assembly and plurality of generators. The vertical axis wind turbine comprises of a main gear means/ main driving means(2), a plurality of generators (1), a plurality of small gear means (6), a tower assembly (5) with plurality of poles, a control means, a lubricating means and a rotor assembly (3), rotatable supporting means/rolling means (9). In one embodiment shown in figure 1&1a, the main gear means/main driving means (2) configured to drive the plurality of small gear means (6) of generators for generating power, where rotatable supporting means/rolling means (9) act as a rotatable supporting assembly of the tower assembly (5). In another embodiment shown in figure 1b&1c, where each rotatable supporting means/rolling means (3) connected with each generator via shaft (11), and each contact region or tapered region of rotatable supporting means/rolling means (3) fictionally and rotatably engaged with tapered region/circular track (8) of the main gear means for generating power at rated wind speed.

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

(22) Date of filing of Application :04/06/2012

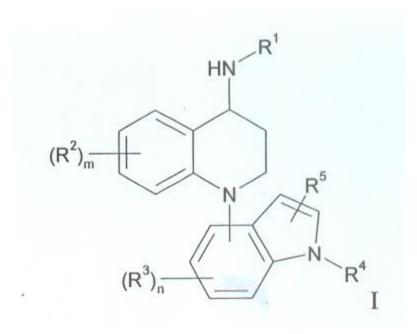
(43) Publication Date: 06/11/2015

(54) Title of the invention: TETRAHYDROQUINOLINE INDOLE DERIVATIVES AS MONOAMINE REUPTAKE INHIBITORS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07D401/04 :61/266,608 :04/12/2009 :U.S.A.	(71)Name of Applicant: 1)F. HOFFMANN-LA ROCHE AG Address of Applicant: 124 GRENZACHERSTRASSE, CH- 4070 Switzerland
(86) International Application No Filing Date	:PCT/EP 2010/068607 :01/12/2010	(72)Name of Inventor : 1)SCHOENFELD, RYAN CRAIG
(87) International Publication No	:WO 2011/067273 A1	
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

Compounds of the formula I: or pharmaceutically acceptable salts thereof, wherein m, n, R1, R2, R3, R4 and Rs are defined herein. Also provided are pharmaceutical compositions, methods of using, and methods of preparing the compounds.



No. of Pages: 29 No. of Claims: 16

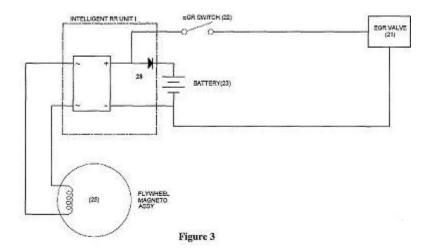
(22) Date of filing of Application :06/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: EGR VALVE CONTROL SYSTEM WITH INTELLIGENT RR UNIT

:F02M	(71)Name of Applicant:
:NA	1)M/S TVS MOTOR COMPANY LIMITED
:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
:NA	CHENNAI - 600 006 Tamil Nadu India
:NA	(72)Name of Inventor:
:NA	1)SAMRAJ JABEZ DHINAGAR
: NA	2)AROCKIA PADUMAI JEYARAJ
:NA	3)KARUPPUSAMY SAKTHIVEL
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The present invention relates to an intelligent RR unit arrangement in a three-wheeler that allows the EGR valve 21 in the exhaust gas recirculation system of the vehicle to take power from flywheel magneto assembly 25 only and not from the battery 23. The said Exhaust Gas Recirculation (EGR) Valve control unit consists of one additional diode 28 in intelligent Regulator Rectifier (RR) unit I and one additional bridge rectifier in intelligent RR unit II. In RR unit I, the additional diode 28 protects power flow from battery 23 to EGR valve 21. In RR unit II, the charging coil output goes to two bridge rectifiers 29 responsible for supplying power to EGR valve 21 and battery 23. Therefore, the EGR valve 21 does not get power from battery 23 because both connections are separate. Figure 3



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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: NOVEL SOLID LIPID MICROPARTICLES OF CURCUMIN-SOYA LECITHIN COMPLEX

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K :NA :NA :NA	(71)Name of Applicant: 1)AL-AMEEN COLLEGE OF PHARMACY Address of Applicant: NEAR LAL BAGH MAIN GATE HOSUR ROAD BANGALRE - 27 Karnataka India
(86) International Application No Filing Date (87) International Publication No	:NA :NA : NA	(72)Name of Inventor: 1)SURESH SARASIJA 2)PAI ROOPA SANTHOSH
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	3)SUITANA AZMI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A composition and method of increasing the bioavailability of curcumin is provided. A synergistic combination of solid lipid microparticles of curcumin-soya lecithin complex with natural lipid and surfactant provides increased bioavailability. The natural lipid and surfactant used is Palmitic acid and Poloxamer 188 respectively. Hence the pharmaceutical composition finds application in treatment of various metabolic diseases and also acts as effective anti-inflammatory agent, chemotherapeutic agent and chemo preventive agent.

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

(21) Application No.7111/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM FOR COMBINING EXTERIOR LIGHTING AND ARTIFICIAL LIGHTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E06B 9/26 :10155113.3 :02/03/2010 :EPO :PCT/IB2011/050811 :25/02/2011 :WO/2011/107918 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor: 1)VAN DER POEL Lucas Leo Desiree 2)VAN DER LANS Dorien Cato
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system for combining exterior light with artificial lighting comprising a light shielding arrangement (2) for shielding exterior light from a space (5) and at least one light source (6) arranged to emit artificial light that is directed toward the exterior side of the light shielding arrangement (2) which light source (6) is controllable in response to current exterior lighting conditions. The system further comprises a controller (8) connected to said light source (6) which is arranged to control light emission of the light source (6) in response to a current position of the light shielding arrangement so as to emulate an effect of exterior light escaping through the light shielding arrangement. Fig.1

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

(21) Application No.1889/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUTOMATED SOIL TESTING 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 	:A01B :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SURESH D.S. Address of Applicant: CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, N.H. 206, GUBBI - 572 216 Karnataka India 2)K.V. JYOTHI PRAKASH (72)Name of Inventor: 1)SURESH D.S. 2)K.V. JYOTHI PRAKASH 3)RAJENDRA C J
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(57) Abstract:

Automated Soil Testing Device (ASTD) is an electronic device, which can be used to measure npk (Nitrogen Phosphorous Potassium) and pH (potenzy hydrogen) values to ensure the fertility of soil in the field of agriculture to select the suitable crop and also the type of fertilizer to be used. As the electrodes are dipped in the soil mixture, ASTD displays the necessary data on a digital display. Also, the same data can be transmitted to the experts or designated authority in the agriculture department for further analysis and suggestions. ASTD is a portable device which can be used either in laboratories or on the identified spot selected for farming so that the farmer need not take the pain of visiting the soil testing laboratories which are located in district head quarters. ASTD is a simple and user friendly device so that the any lame person can test the soil without the presence of an operator. Also, it is an economical device and thus a poor man can easily afford it.

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

(22) Date of filing of Application :17/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SALT FORM OF MULTI-ARM POLYMER-DRUG CONJUGATE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) International Publication Number Filing Date (64) Divisional to Application Number Filing Date (65) Divisional to Application Number Filing Date (66) Patent Of Addition Number Filing Date (67) Divisional to Application Number Filing Date	2)LEE, SEOJU 3)IOSHI RHAI CHANDRA V
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(57) Abstract:

Among other aspects, provided herein is a hydrohalide salt of a multi-arm water-soluble polyethylene glycol-drug conjugate, along with related methods of making and using the same. The hydrohalide salt is stably formed, and appears to the more resistant to hydrolytic degradation than the corresponding free base form of the conjugate.

No. of Pages: 115 No. of Claims: 43

(21) Application No.2171/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : LIGHTWEIGHT DOCUMENT ACCESS CONTROL USING ACCESS CONTROL LISTS IN THE CLOUD STORAGE OR ON THE LOCAL FILE SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:13/215,844 :23/08/2011	CORPORATION
(33) Name of priority country	:U.S.A.	Address of Applicant :New Orchard Road Armonk New
(86) International Application No	:NA	York 10504 United States of America U.S.A.
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)John Falk Kelley
(61) Patent of Addition to Application Number	:NA	2)Douglas Stuart Brown
Filing Date	:NA	3)Robert J. Torres
(62) Divisional to Application Number	:NA	4)Todd Seager
Filing Date	:NA	

(57) Abstract:

In a method for controlling access to an encrypted document a computer receives a request to access the encrypted document the access request comprising a user ID and a user password. The computer performs a one-way hash function on the user password to generate a hash value. The computer searches an access control table for the hash value which indicates an authorization for the user to access the encrypted document and corresponds to a document password encrypted with the user password. The computer decrypts the document password using the user password. The computer decrypts the encrypted document using the decrypted document password. Figure 1

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :16/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : CAPTURING VIEWS AND MOVEMENTS OF ACTORS PERFORMING WITHIN GENERATED SCENES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No Filing Date (35) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (39) International Application No (30) International Application No (31) Priority Date (32) International Application No (31) Priority Document No (32) Priority Document No (31) Priority Document No (32) Priority Document No (33) Name of priority country (34) Priority Document No (35) Priority Document No (37) Priority Document No (38) Priority Document No (39) Priority Document No (30) Priority Document No (31) Priority Document No (31) Priority Document No (32) Priority Document No (32) Priority Document No (33) Name of priority country (34) Priority Document No (35) Priority Document No (36) Priority Document No (37) Priority Document No (37) Priority Document No (38) Priority Document No (39) Priority Document No (30) Priority Document No (31) Priority Document No (31) Priority Document No (31) Priority Document No (32) Priority Document No (33) Name of priority Country (33) Name of priority Country (34) Priority Document No (35) Priority Document No (36) Priority Document No (37) Priority Document No (3	1)SONY COMPUTER ENTERTAINMENT AMERICA 10 INC. Address of Applicant :919 East Hillsdale Boulevard 2nd 2010/045536 Floor Foster City California 94404 United States of America
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(57) Abstract:

Generating scenes for virtual environment of a visual entertainment program, comprising: capturing views and movements of an actor performing within the generated scenes, comprising: tracking movements of a headset camera and a plurality of motion capture markers worn by the actor within a physical volume of space; translating the movements of the headset camera into head movements of a virtual character operating within the virtual environment; translating the movements of the plurality of motion capture markers into body movements of the virtual character; generating first person point-of-view shots using the head and body movements of the virtual character; and providing the generated first person pointof- view shots to the headset camera worn by the actor.

No. of Pages: 41 No. of Claims: 28

(22) Date of filing of Application :21/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: WIRELESS CURRENT SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B :11 54516 :24/05/2011 :France :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant: 35 rue Joseph Monier F-92500 Rueil Malmaison France (72)Name of Inventor: 1)COUTELOU Olivier 2)MASSEBOEUF Bertrand
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(57) Abstract:

The invention relates to a wireless current sensor (10) designed for measuring an electrical current (I) flowing in an electrical conductor (20) the said wireless current sensor (IC) comprising: - a current transformer comprising a core designed to be arranged around the said electrical conductor (20) formIng a primary of the said transformer and a winding (101) made around the core and forming a secondary of the said transformer in order to retrieve an electrical power when an electrical current flows in the electrical conductor - an electronic circuit connected to the secondary of the transformer the electronic circuit compising means for storing the generated electrical power means for measuring the electrical current flowing in the electrical conductor (20) and a wireless data transceiver coupled to a microcontroller end making it possible to send the measurement date. Figure 1

No. of Pages: 22 No. of Claims: 11

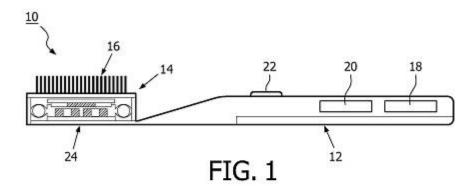
(22) Date of filing of Application :15/06/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: POWER TOOTHBRUSH WITH ACTUATOR IN THE BRUSHHEAD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61C17/00 :61/289500 :23/12/2009 :U.S.A. :PCT/ IB2010/055348 :22/11/2010	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor: 1)BAX Pieter Johannes
	IB2010/055348	(72)Name of Inventor :
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)BAX Pieter Johannes 2)DEVRIES Johannes Hotze Bernhard
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The power toothbrush (10) includes a small electromagnetic actuator (24) positioned within the brushhead for driving a brushhead assembly which includes a brushhead portion (14) with bristles extending therefrom. The actuator includes a fixed lower element (26) and a moveable upper element (28) with the lower and upper elements each having curved roller contacting portions (24–36–46–48) at opposing ends thereof. Roller members (52–54) are positioned between the roller contacting portions of the upper and lower members. At least one coil is mounted on the lower element responsive to an alternating current energizing signal. At least two permanent magnet assemblies are positioned on the upper element having alternating polarity positions. Fig. 1



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

(21) Application No.6390/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/07/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PROTEIN COMPOSITION •

(51) International classification (31) Priority Document No	:A61K 38/24 :200910201566.X	(71)Name of Applicant: 1)SHANGHAI TECHWELL BIOPHARMACEUTICAL
(32) Priority Date	:22/12/2009	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No.4258 Jindu Road Shanghai P. R.
(86) International Application No	:PCT/CN2010/080097	China China
Filing Date	:22/12/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)HONG YUNHAI
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)GAO XIAOLIANG 3)JI BIN 4)JI XIAOMING
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a composition comprising menopausal gonadotropins which the composition contains sucrose as stabilizer. The composition provided in the invention has enhanced stability.

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

(22) Date of filing of Application :30/07/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: • ORGANIC COMPOUNDS FOR THE REGULATION OF VECTORIAL ION CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K 7/56 :A41/2010 :14/01/2010 :Austria :PCT/AT2011/000014 :12/01/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)APEPTICO forschung und entwicklung GmbH Address of Applicant :c/o: mingo bueros Mariahilferstrasse 136 Top 1.15 A-1150 Wien Austria Austria (72)Name of Inventor: 1)FISCHER bernhard 2)LUCAS rudolf 3)TZOTZOS susan
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(57) Abstract:

A cyclic organic compound which comprises 16 amino acids or 17 amino acids and has no carboxyl group C-terminally and/or no amino group N-terminally, wherein, optionally, one of the amino acids is a nonnatural amino acid, and wherein the ring closure is formed between a side chain of one amino acid and the C-terminus of another amino acid, or the ring closure is effected with the aid of a nonnatural amino acid, a process for its production and its use for the regulation of vectorial ion channels, for the treatment of diseases associated with the lung function and for the treatment of oedemas. (Fig. 1)

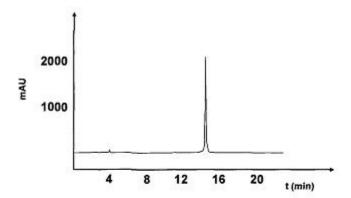


Fig. 1

No. of Pages: 44 No. of Claims: 10

(22) Date of filing of Application :28/06/2010

(43) Publication Date: 06/11/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF 2-[(2-AMINO-1, 6-DIHYDRO-6-OXO-9H-PURIN-9-YL) METHOXY] -3 -BENZYLOXYPROPAN-1-OL(MONOBENZYL GANCICLOVIR)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filed on (62) Divisional to Application Number Filing Date 	:C07D :NA :NA :NA :NA :NA : NA :2681/CHE/2010 :04/11/2009 :NA :NA	(71)Name of Applicant: 1)AUROBINDO PHARMA LIMITED Address of Applicant: AUROBINDO PHARMA LIMITED, PLOT NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD - 500 038. Andhra Pradesh India (72)Name of Inventor: 1)ANAND GOPALKRISHNA KAMAT 2)UPPALAIAH MALLELA 3)VENKATA BALAJI BODDU 4)MAGESH SUBRAMANIAN 5)AMINUL ISLAM 6)MEENAKSHISUNDERAM SIVAKUMARAN
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(57) Abstract:

The present invention provides a process for the preparation of monobenzyl Ganciclovir (XIII), which comprises, N-acetyl chloro benzyl ganciclovir (III) or its acid addition salt with an alkali acetate in the presence of an acid in a solvent to produce a mixture of diacetyl monobenzyl ganciclovir (XXII) and monoacetyl monobenzyl ganciclovir (XIII); treating the mixture with a base in the presence of a solvent to produce crude monobenzyl Ganciclovir (XIII); treating the crude monobenzyl Ganciclovir with an acid to obtain an acid addition salt of monobenzyl Ganciclovir; which is treating with a base in the presence of a solvent to produce an alkali salt of monobenzyl Ganciclovir; neutralization of the alkali salt of monobenzyl Ganciclovir with an acid to produce pure monobenzyl Ganciclovir (XIII).

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

(21) Application No.2164/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING THAT A MAXIMUM NUMBER OF IP SESSIONS HAVE BEEN ESTABLISHED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L :60/823,427 :24/08/2006 :U.S.A. :NA	(71)Name of Applicant: 1)Research In Motion Limited Address of Applicant: 295 Phillip Street Waterloo Ontario N2L 3W8 Canada. Canada (72)Name of Inventor: 1)WIRTANEN Jeff
(87) International Publication No	: NA	2)KIM Jin
(61) Patent of Addition to Application Number	:NA	3)ISLAM M. Khaledul
Filing Date	:NA	4)PLESTID Trevor
(62) Divisional to Application Number Filed on	:1888/CHE/2007 :23/08/2007	

(57) Abstract:

Systems and methods for determining that a maximum number of IP sessions have been established are provided. There are instances when the mobile device transmits a request to the wireless network. According to an aspect in the event that the maximum number of IP sessions is already established for the mobile device the wireless network transmits a response indicating that the request cannot be fulfilled. The mobile device determines based on the response that the maximum number of IP sessions is already established which allows the mobile device to determine the maximum number of IP sessions that can be supported so that IP sessions can be managed accordingly.

No. of Pages: 45 No. of Claims: 6

(21) Application No.1825/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HYALURONIC ACID ESTERS, THEIR PREPARATIONAND USE IN DERMATOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K :TO2011A000428 :13/05/2011 :Italy :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)ROTTAPHARM S.P.A. Address of Applicant:GALLERIA UNIONE 5, I-20122, MILANO Italy (72)Name of Inventor: 1)ROVATI, LUCIO, CLAUDIO
Filing Date	:NA	

(57) Abstract:

Hyaluronic acid esters, their preparation and use in dermatology New ester derivatives of hyaluronic acid with hydroxy-cinnamic acid, their rheological and anti-radical properties and their use as protective agents in dermatology.

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

(22) Date of filing of Application :09/04/2012

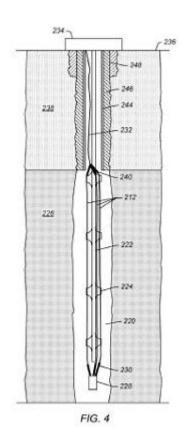
(43) Publication Date: 06/11/2015

(54) Title of the invention: PRESS-FIT COUPLING JOINT FOR JOINING INSULATED CONDUCTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H01R :61/250,337 :09/10/2009 :U.S.A. :PCT/US2010/052026 :08/10/2010 :WO/2011/044488 :NA	(71)Name of Applicant: 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V Address of Applicant: Carel van Bylandtlaan 30 NL-2596 HR The Hague The Netherlands Netherlands (72)Name of Inventor: 1)TILLEY David Jon
· · ·		1)TILLEY David Jon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fitting for coupling an end of a first insulated conductor to an end of a second insulated conductor is described. The fitting includes a sleeve placed over the end of the first insulated conductor and the end of the second insulated conductor and a core coupling located inside the sleeve. The core coupling fits around an end of a core of the first insulated conductor and an end of a core of the second insulated conductor. An interior volume of the sleeve is at least partially filled with electrically insulating material. The electrically insulating material is compressed with an end portion of an electrical insulator in the first insulated conductor and an end portion of an electrical insulator in the second insulated conductor when the titling is coupled to the insulated conductors.



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

(21) Application No.3324/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/09/2011 (43) Publication Date : 06/11/2015

(54) Title of the invention : CYTOSKELETAL GENE BASED SPECIFIC PRIMERS FOR COLLETOTRICHUM FALCATUM DETECTION

(51) International classification(31) Priority Document No(32) Priority Date	:C12Q :NA :NA	(71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :SUGARCANE BREEDING
(33) Name of priority country	:NA	INSTITUTE, COIMBATORE - 641 007 Tamil Nadu India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)PALANIYANDI MALATHI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)RASAPPA VISWANATHAN 3)AMALRAJ RAMESH SUNDAR
Filing Date	:NA	4)PURUSHOTHAMAN PADMANABAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the use of novel cytoskeletal gene- actin based primers CF-ACT1 and CF-ACT2 in the detection of Colletotrichum falcatum. This method is useful in detecting the pathogen infection in symptom less tissue of any plant, detecting pathogen in soil, confirming the presence of pathogen in the mixed state of plant disease/culture, monitoring progress of pathogen in plant and screening plants for disease resistance and identification of newer races of C. falcatum, its origin and virulence group. This method is unique in detecting C. falcatum and offers advantages like accuracy, rapidity, reliability and applicability for high throughput analysis.

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

(22) Date of filing of Application :06/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHODS OF MANUFACTURING AND TEMPERATURE CALIBRATING A CORIOLIS MASS FLOW RATE SENSOR •

(31) Priority Document No :61/304,228 (32) Priority Date :12/02/2010 (33) Name of priority country :U.S.A.	(71)Name of Applicant: 1)MALEMA ENGINEERING CORPORATION Address of Applicant: 1060 South Rogers Circle Boca Raton FL 33487 United States of America U.S.A. (72)Name of Inventor: 1)ALAN M. YOUNG 2)JIANREN LIN 3)CLAUS W. KNUDSEN
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(57) Abstract:

ABSTRACT TITLE: METHODS OF MANUFACTURING AND TEMPERATURE CALIBRATING A CORIOLIS MASS FLOW RATE SENSOR A subassembly of a Coriolis flowmeter is fabricated from a single monolithic piece of elastic polymeric material. The subassembly includes two flow-sensitive members and a base integrally connected to the two flow-sensitive members. The two flow-sensitive members include straight sections and are substantially similar and parallel to each other. Flow passages are drilled along the straight sections of the two flow-sensitive members and drilled entrances are sealed using the elastic polymeric material. A temperature sensor is fixedly attached to a flow-sensitive member for measuring a temperature of the flow-sensitive member and communicating the temperature to a metering electronics. The metering electronics determines a calibrated flow rate of fluid flowing through the Coriolis flowmeter that accounts for the temperature.

No. of Pages: 22 No. of Claims: 19

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PEHAM DENDRIMERS FOR USE IN AGRICULTURE

(51) International classification	:A01N25/12	(71)Name of Applicant:
(31) Priority Document No	:61/254,985	1)STARPHARMA PTY LTD
(32) Priority Date	:26/10/2009	Address of Applicant :ACN 075 081 908, BAKER IDI
(33) Name of priority country	:U.S.A.	BUILDING, 75 COMMERCIAL ROAD, MELBOURNE,
(86) International Application No	:PCT/US2010/8054164	VICTORIA-3004 Australia
Filing Date	:26/10/2010	2)DENDRITIC NANOTECHNOLOGIES, INC.
(87) International Publication No	:WO 2011/053605 A1	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)HAYES, RAYAN, TERRELL
Number	:NA	2)OWEN, JAMES, DAVID
Filing Date	.11/1	3)CHAUHAN, ABHAY, SINGH
(62) Divisional to Application Number	:NA	4)PULGAM, VEERA, REDDY
Filing Date	:NA	

(57) Abstract:

Specific PEHAM dendrimers are used in a formulation with an active agent for agricultural purposes, particularly for increasing the efficacy of the active agent in various ways, such as by improving solubility of the active agent in the formulation, by improving adhesion and penetration of the active agent to plant surfaces, by improving the water-fastness of the active agent to the plant or seed, by providing protection of the active agent from UV damage, by increasing soil penetration of the active agent to reach the plant roots or under soil parts, or by reducing soil adhesion of the active agent to reach the plant roots or under soil parts, or reducing enzymatic degradation of the active agent by the plant or seed or microorganisms in the soil.

No. of Pages: 72 No. of Claims: 24

(21) Application No.2128/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PRODUCING PHENYLHYDRAZINES

(51) International classification	:C07C	(71)Name of Applicant:
(21) Priority Dogument No.	:2011-	1)SUMITOMO CHEMICAL COMPANY LIMITED
(31) Priority Document No	121549	Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(32) Priority Date	:31/05/2011	Tokyo 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ISHIDA Hajime
Filing Date	:NA	2)KIKUCHI Yuta
(87) International Publication No	: NA	3)INOGUCHI Takao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for producing phenylhydrazines (II) in an excellent yield is provided. More specifically a method for producing phenylhydrazines (II) comprising mixing a diazonium salt (I) at least one kind selected from the group consisting of a sulfite and a bisulfite and water at a pH in the range of 5.5 to 7.5 at 45 to 100C; heat-treating the resultant mixture at 45 to 100C; and subjecting the mixture to contact treatment with an acid is provided. In the diazonium salt (I) and the phenylhydrazines (II) R1 is preferably an alkoxy group.

No. of Pages: 41 No. of Claims: 7

(21) Application No.4337/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : FOUNDATION SYSTEM FOR RECEIVING THE LOAD OF A HOUSING OR OF AT LEAST ONE HOUSING MODULE OF A SELF-SERVICE MACHINE

(51) International classification	:E02D27/01	(71)Name of Applicant:
(31) Priority Document No	:A 1644/2009	1)KEBA AG Address of Applicant :GEWERBEPARK URFAHR 14 BIS 16
(32) Priority Date	:20/10/2009	A-4041 LINZ Austria
(33) Name of priority country	:Austria	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/AT 2010/000398 :20/10/2010	1)HAIDVOGL FRANZ ENGELBERT
(87) International Publication No	:WO 2011/047401 A3	
(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 foundation system (2) for receiving the load of a housing or at least one housing module (13, 13, 13) of a self-service machine (1), comprising at least one base element (14, 14, 14), which has at least one support surface (16, 16, 16) for a housing or for at least one housing module (13, 13, 13) of a self-service machine (1). The base element (14, 14, 14) comprises a concrete body (17, 17, 17) and at least one metal carrier element (18, 18, 18) supported thereon, on which the least one support surface (16, 16, 16) for a housing or housing module (13, 13, 13) of a self-service machine (1) is formed, and the metal carrier element (18, 18, 18) can be leveled relative to the concrete body (17, 17, 17) of the base element (14, 14, 14) by means of at least one adjusting device (19). Fig. 1

No. of Pages: 60 No. of Claims: 36

(22) Date of filing of Application :28/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PRODUCING PHENYLHYDRAZINES

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:2011- 121550	1)SUMITOMO CHEMICAL COMPANY LIMITED
(22) P. i. i. P. i.		Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(32) Priority Date	:31/05/2011	Tokyo 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ISHIDA Hajime
Filing Date	:NA	2)KIKUCHI Yuta
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for producing phenylhydrazines (II) in an excellent yield is provided. More specifically a method for producing phenylhydrazines (II) comprising reacting a diazonium salt (I) with at least one kind selected from the group consisting of a sulfite and a bisulfite in the presence of water; and mixing the resultant reaction mixture with hydrogen chloride at 0 to 10C followed by maintaining the mixture at 10 to 30C. The maintaining is preferably carried out at a temperature higher than the temperature upon mixing the reaction mixture with hydrogen chloride.

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

(21) Application No.7070/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: EXHAUST DEVICE OF INTERNAL COMBUSTION ENGINE •

(62) Divisional to Application Number :NA Filing Date :NA	. ,	:19/03/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1 Toyota-cho Toyota-shi Aichi 471- 8571 Japan Japan (72)Name of Inventor: 1)Takashi HASHIMA
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(57) Abstract:

An exhaust device of an internal combustion engine includes a burner device (40) including a fuel addition device (15) for adding fuel to an exhaust passage (12) of the internal combustion engine (1) and igniting the added fuel and a controller (50) which detects an abnormal condition of the burner device (40) on the basis of a temperature change at a temperature detection point in the exhaust passage (12) downstream of the fuel addition device (15) after changing the amount of addition of the fuel.

No. of Pages: 35 No. of Claims: 7

(22) Date of filing of Application :14/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR DETERMINING COLOUR FROM AN 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 	:H04N 1/60 :1000835.7 :19/01/2010 :U.K. :PCT/EP2011/050532 :17/01/2011 : NA	(71)Name of Applicant: 1)AKZO NOBEL COATINGS INTERNATIONAL B.V. Address of Applicant: Velperweg 76 NL-6824 BM Arnhem The Netherlands Netherlands (72)Name of Inventor: 1)LINGS Benjamin Buchanan 2)HARROP Paul James 3)SPIERS Peter Mark
		· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Embodiments of the invention relate to the determination of the colour of a colour sample from an image of the colour sample. In one embodiment a colour sample capture card is provided having printed thereon colour samples of known colour(for example, XYZ tristimulus values). An image of the test colour sample is then captured using domestically available equipment, such as a consumer digital camera or camera-equipped mobile telephone, the image also containing the colour sample capture card. In one embodiment the image is then transmitted to a remote colour determination service for colour sample colour determination. Regression analysis is then performed using the RGB colour samples in the image and known XYZ colours thereof to characterise the colour capture response of the image capture device. Having characterised the image capture device the XYZ colour of the unknown colour sample can be determined from the RGB colour thereof in the image. Knowing the XYZ colour, the colour can then be matched to a palette of paint colours, to determine a paint colour to match the unknown colour.

No. of Pages: 70 No. of Claims: 48

(21) Application No.5671/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date: 06/11/2015

(54) Title of the invention : MOBILE TERMINAL DEVICE AND FUNCTION SETTING METHOD FOR MOBILE TERMINAL 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 	:H04M1/247 :2009-274891 :02/12/2009 :Japan :PCT/JP210/067991 :06/10/2010 :WO 2011/067985 A1 :NA :NA :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO Japan (72)Name of Inventor: 1)HASEGAWA, MOTOYOSHI
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(57) Abstract:

A mobile terminal device according to this invention includes: a display unit for displaying a function button to which a predetermined function is assigned; and a control unit for executing the predetermined function assigned to the function button after a time period equal to or longer than a fixed time period has elapsed with the function button being selected.

No. of Pages: 29 No. of Claims: 27

(21) Application No.4230/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR THINNING AGGREGATE OF WATER-ABSORBENT MATERIAL AND THIN AGGREGATE OF WATER-ABSORBENT MATERIAL OBTAINED USING THE METHOD

(51) International classification	:D04H1/48	(71)Name of Applicant:
(31) Priority Document No	:2009-272890	1)UNICHARM CORPORATION
(32) Priority Date	:30/11/2009	Address of Applicant :182, SHIMOBUN, KINSEI-CHO,
(33) Name of priority country	:Japan	SHIKOKUCHUO-SHI, EHIME 7990111 Japan
(86) International Application No	:PCT/JP2010/070439	(72)Name of Inventor:
Filing Date	:17/11/2010	1)GODA, HIROKI
(87) International Publication No	:WO 2011/065262 A1	2)MIZUTANI,SATOSHI
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

Provided is a method for thinning an aggregate of water-absorbent materials. An aggregate 160 of water-absorbent materials includes hydrophilic fibers 21 and 5superabsorbent polymer particles 22 and has a thickness direction. Steam at a temperature corresponding to waters boiling point or higher is ejected to the aggregate 160 while the aggregate 160 is compressed in the thickness direction.

No. of Pages: 89 No. of Claims: 18

(21) Application No.4633/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: ADDITIVE CONCENTRATE

(51) International classification	:C10M169/04	(71)Name of Applicant:
(31) Priority Document No	:09177029.7	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:25/11/2009	MAATSCHAPPIJ B.V.
(33) Name of priority country	:EPO	Address of Applicant: CAREL VAN BYLANDTLAAN 30,
(86) International Application No	:PCT/EP010/067995	NL-2596 HR HAGUE Netherlands
Filing Date	:23/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/064194	1)WEDLOCK, DAVID, JOHN
(67) International Laboration 140	A1	2)PADDON, CHRISTOPHER, ANDREW
(61) Patent of Addition to Application	:NA	3)SONG, WEI
Number	:NA	4)WHITEMIRE, CAROL, PERKINS
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an additive concentrate comprising: - at least 90 wt.% of a Fischer-Tropsch derived base oil, based on the total weight of the additive concentrate; - at least 3.0 wt.% of a viscosity modifier, based on the total weight of the additive concentrate; and - less than 5.0 wt.% of a solvency booster, based on the total weight of the additive concentrate.

No. of Pages: 24 No. of Claims: 12

(21) Application No.8700/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: MUTANT REDUCTASE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C12N15/09,C12N1/15,C12N1/19 :2010057486 :15/03/2010 :Japan :PCT/JP2011/056695 :15/03/2011	(71)Name of Applicant: 1)SUMITOMO CHEMICAL COMPANY LIMITED Address of Applicant: 27 1 Shinkawa 2 chome Chuo ku Tokyo 1048260 Japan (72)Name of Inventor: 1)ASAKO Hiroyuki
(87) International Publication No	:WO 2011/115288	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a reductase that exhibits superior heat stability said reductase having an amino acid sequence derived by substituting specific amino acids in the amino acid sequence of a wild type reductase with prescribed amino acids.

No. of Pages: 188 No. of Claims: 41

(21) Application No.8702/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: HOUSING FOR A HYDRAULIC 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 	:F15B1/26 :10 2010 015 496.2 :16/04/2010 :Germany :PCT/DE2011/000362 :06/04/2011 :WO 2011/127894 A2 :NA :NA	(71)Name of Applicant: 1)L—SOMAT SCHRAUBTECHNIK NEEF GMBH Address of Applicant: Bertha Benz Strasse 12 71665 Vaihingen/Enz Germany (72)Name of Inventor: 1)GAREIS Marc
- 133333 33	:NA :NA :NA	

(57) Abstract:

A housing (100) for a hydraulic unit is characterized by a housing wall (101) which is closed on all sides and in which at least one inlet opening (110) and at least one fan (121) which can be operated independently of the hydraulic unit (400) are arranged.

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

(22) Date of filing of Application :08/11/2011 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE FOR PRODUCING PIPES MADE OF THERMOPLASTIC

(51) International classification	:B29C	(71)Name of Applicant :
(31) Priority Document No	:10 2010 043 786.7	1)DR. HEGLER, RALPH, PETER Address of Applicant :SCHILLERSTRASSE 7, D- 97688
(32) Priority Date	:11/11/2010	BAD KISSINGEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. HEGLER, RALPH, PETER
Filing Date	:NA	
(87) 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:

Abstract A device for producing pipes made of thermoplastic with annular transverse profilings with a cross section in the form of undulation peaks and undulation troughs has half-moulds (6, 6a), which complete one another pairwise along a straight mould section to form a closed mould (9), which can be moved in a movement direction (8). Projecting into the mould (9) is an extrusion tool (3), which has a nozzle support body. To produce an adequate seal between the half-moulds (6, 6a) and nozzle support body, the latter is covered with exchangeably attached hollow half-shells (36), which form a cylindrical external face (37). - Fig. 1 -

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :08/10/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention: DEVICE AND METHOD FOR PRODUCING FLANGELESS CLOSED CROSS SECTION STRUCTURE COMPONENT HAVING CURVED SHAPE

(51) International classification: B21C37/15,B21C37/08,B21D7/08 (71) Name of Applicant:

:WO 2013/153683

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

(86) International Application :PCT/JP2012/060644

:13/04/2012

Filing Date

(87) International Publication

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

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

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor:

1)HIGAI Kazuhiko 2)YAMASAKI Yuji 3)SHINMIYA Toyohisa

(57) Abstract:

The present invention provides a device and method for producing from two metal plates a flangeless closed cross section structure component having a deformed cross sectional shape having a welded section and a bend in the direction of component length. Conventional techniques are not able to simultaneously proceed with bending and cross section deformation. The present invention can simultaneously proceed with bending and cross section deformation. Two metal sheets (1a 1b) that are provided with a sheet length direction bend corresponding to a component (10) length direction bend and that have both sheet width edges matched at a component welded section (11) are press molded in a manner so that a crease (2) is imparted to a sheet section corresponding to a non welded bent section (12) within the component cross section then are overlapped vertically in a manner so that the protruding surface sides thereof are at the outside and the left edges and right edges of the width thereof are respectively welded together in the lengthwise direction thereof forming the welded section (11) and while guiding and conveying the obtained closed cross section structure by means of a left right pair of rotating rollers (40a 40b) or furthermore by a lower rotating roller (40c) with the creases and the welded sections as starting points the closed cross section structure is caused to become 3D and forms a component having a target shape by means of altering the inter roller gap of the rotating rollers or by furthermore raising/lowering the rotating roller.

No. of Pages: 29 No. of Claims: 2

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING CLOSED CROSS SECTION STRUCTURE COMPONENT

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:B21C37/15,B21D5/01,B21D7/06 :NA :NA :NA :PCT/JP2012/060640 :13/04/2012 :WO 2013/153681 :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)HIGAI Kazuhiko 2)YAMASAKI Yuji
11		

(57) Abstract:

The objective of the present invention is to enable the dimensionally accurate production of a pressed component having a bent shaped closed cross section structure having a curved surface at the bottom surface thereof while reducing production costs by means of reducing the number of molding steps or dies. The method produces a closed cross section structure component by molding a flat plate shaped workpiece (B) into a closed cross section structure of which the bottom surface (B1) is curved along the lengthwise direction. The present invention is provided with: a first molding step wherein with respect to at least the bottom surface (B1) position of the workpiece (B) a plurality of first out of plane deformation sections (10) each comprising a recessed shape or a protruding shape are formed along the lengthwise direction and a bent section (B4) is formed; and a second molding step wherein in the state of the bottom surface (B1) of the workpiece (B) being sandwiched between a pad (4) and a punch (3) by pressing the punch (3) between dies (5) the first out of plane deformation sections (10) are crushed by the pad (4) and punch (3) and the bent section is bent/molded.

No. of Pages: 63 No. of Claims: 6

(21) Application No.2134/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: BUSBARS HAVING DIFFERENT CROSS SECTIONS FOR A BUSBAR SYSTEM WITH A COMMON PROTECTION OR NEUTRAL CONDUCTOR

(51) International classification :H02G5/02,H02G5/06,H02G5/00 (71) Name of Applicant:

(31) Priority Document No :10 2012 205 987.3

(32) Priority Date :12/04/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/052973

:14/02/2013 Filing Date

(87) International Publication No:WO 2013/152881

(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 München

Germany

(72) Name of Inventor: 1)ALEFELDER Frank 2)BERTELS Frank

(57) Abstract:

The invention relates to busbars having different cross sections for a busbar system with a common protection and/or neutral conductor for the transport of electrical energy wherein the busbar system comprises at least one first segment and a second segment the segments having each at least one first busbar with a first cross sectional area at least a second busbar with a second cross sectional area a holding element and at least one connection. According to the invention the busbars of the segments are held by the respective holding element and are electrically connected to each other via the at least one connection and a busbar from either the first busbars or second busbars serves as a common protection conductor (PE) and/or as a common neutral conductor.

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

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MEDIA CONTENT STREAMING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04N 21/00 :61/258,162 :04/11/2009 :U.S.A. :PCT/US2010/055506 :04/11/2010 : NA	(72)Name of Inventor : 1)WANG Ye-Kui; 2)LI Hongbing;
(87) International Publication No		1)WANG Ye-Kui;

(57) Abstract:

In accordance with an embodiment, a method includes electronically receiving a media presentation description (MPD) from a network. The MPD describes multimedia content that includes alternative representations of a plurality of media types, and the MPD includes information indicative of how the alternative representations are encoded. The method also includes selecting one of the plurality of alternative representations for at least one of the plurality of media types based on information included in the MPD, requesting the selected one of the plurality of alternative representations piece-by-piece, and electronically receiving a piece of media data.

No. of Pages: 33 No. of Claims: 35

(22) Date of filing of Application :01/12/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: CATALYSTS FOR OXYCHLORINATION OF ETHYLENE TO 1,2-DICHLOROETHANE

(51) International classification	:B01J27/122	(71)Name of Applicant:
(31) Priority Document No	:08172023.7	1)SÜD-CHEMIE CATALYSTS ITALIA S.R.L.
(32) Priority Date	:17/12/2008	Address of Applicant :LIMITED-LIABILITY COMPANY
(33) Name of priority country	:EUROPEAN	VIA G. FAUSER, 36/B 28100 NOVARA ITALY
	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)CARLO ORSENIGO
Filing Date	:NA	2)FRANCESCO CASAGRANDE
(87) International Publication No	: NA	3)MARCO CIVATI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Catalysts for the oxychlorination of ethylene to 1.2-dichloroethane, in form of hollow granules having definite geometrical configuration and pore volume distribution with at least 20% of the total volume formed of macropores wherein the diameter of the pores at the maximum of the macropore distribution curve is higher than 800 nm and up to 1500 nm.



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

(21) Application No.2144/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: NIPECOTIC ACID DERIVATIVE AND USE THEREOF FOR MEDICAL PURPOSES

(51) International

:C07D211/60,A61K31/445,A61K31/453

classification

(31) Priority Document

(32) Priority Date :29/03/2012

country

(33) Name of priority

(86) International

Application No

Filing Date (87) International

Publication No

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

Filing Date

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

:NA

:NA :NA

:2012077333

:29/03/2013

:PCT/JP2013/059534

:WO 2013/147161

:Japan

(71)Name of Applicant:

1)TORAY INDUSTRIES INC.

Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome

Chuo ku Tokyo 1038666 Japan

(72) Name of Inventor:

1)NISHIMURA Yutaka

2)KATO Yuko

3)HAYASHI Shinnosuke

4)YAMAZAKI Aiko

5)YAMAMOTO Masashi

6)ASAOKA Yoshiji

7)YAMADA Masateru

8)YAMADA Naohiro

(57) Abstract:

The purpose of the present invention is to provide: a compound having an sEH inhibiting activity; and a medicinal agent capable of exhibiting a therapeutic or prophylactic effect on chronic kidney diseases and pulmonary hypertension which relies on a sEH inhibiting activity. The present invention provides a nipecotic acid derivative represented by chemical formula (1) or a pharmacologically acceptable salt thereof.

No. of Pages: 128 No. of Claims: 6

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: LOWER LIMB VIBRATION DEVICE AND HIP JOINT STIMULATION 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 	:A61H1/00 :2012111745 :15/05/2012 :Japan :PCT/JP2013/054320 :21/02/2013 :WO 2013/172069 :NA :NA	(71)Name of Applicant: 1)MKR J CO. LTD. Address of Applicant: 5 1 14 Inokuchi Nishi ku Hiroshima shi Hiroshima 7330842 Japan (72)Name of Inventor: 1)TSUKASAKO Kikunori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

[Problem] To provide a lower limb vibration device which allows so called foot tapping exercise in addition to stimulating the hip joint i.e. the base of the lower limb while keeping the lower legs i.e. the ends of the lower limbs relaxed. [Solution] A lower limb vibration device (1) is configured such that a work plate (2) on which the heel (41) of the sole (4) can be placed is provided linked to a motor (3) and a heel placement surface (21) of the work plate (2) moves up and down through drive force of the motor (3) with the lowermost position being a position 4cm or less in height above the floor (G) where the toes (42) are placed. An eccentric cam (34) is provided on the output shaft (32) of the motor (3) and the top of the eccentric cam (34) is abutted by a rotation plate (6) which is pivotally attached at a first end so as to be rotatable. The operation plate (2) is provided to the side of a frame (50) such that when the sole (4) is placed on the floor (G) where the frame (50) is installed the heel (41) can be placed in the lowermost position of a height of 4cm or less from the floor (G); the work plate (2) is connected to the second end of the rotation plate (6) and moves up and down by the rotation plate (6) rotating up and down through rotation of the eccentric cam (34) with the axially fixed first end as the fulcrum.

No. of Pages: 23 No. of Claims: 5

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: THIAZOLE CARBOXAMIDE DERIVATIVE AND METHOD FOR USING SAME

(51) International classification :C07D417/12,A01N43/78,A01N47/06

(31) Priority Document No :2012068171 (32) Priority Date :23/03/2012

(32) Priority Date :23/03/2012 (33) Name of priority :Japan

country (86) International DCTI/ID2012/05

Application No :PCT/JP2013/058305

Filing Date :22/03/2013

(87) International Publication No :WO 2013/141362

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

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

(71)Name of Applicant:

1)NIHON NOHYAKU CO. LTD.

Address of Applicant :19 8 Kyobashi 1 chome Chuo ku Tokyo

1048386 Japan

(72)Name of Inventor : 1)TANAKA Koji 2)FUJIHARA Hirokazu 3)HASEBE Motohiro

4)OKADA Atsushi

(57) Abstract:

123332323245678123The purpose of the invention is to provide a plant disease control agent having superior performance to the prior art and particularly a compound useful as a rice blast control agent. The invention provides a plant disease control agent containing a thiazole carboxamide derivative represented by general formula (I) (in the formula R represents a hydrogen atom halogen atom alkyl group or haloalkyl group; Y represents O S SO SO N(R) or N=C(R) (R represents a hydrogen atom alkyl group or the like); when Y represents O S SO SO or N(R) R represents an aminoalkyl group alkoxyalkyl group alkoxyalkyl group or the like; when Y represents N=C(R) R represents an alkyl group alkoxy group or the like; R R R R and R may be the same or different and represent a hydrogen atom alkyl group or the like; X X and X may be the same or different and represent a hydrogen atom halogen atom alkyl group or the like).

No. of Pages: 145 No. of Claims: 7

(21) Application No.1060/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: MULTI-STAGE AIR COMPRESSION SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country	:102219471 :18/10/2013	,
(33) Name of priority country(86) International Application No Filing Date	:NA :NA	TAIWAN,R.O.C Taiwan (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)CHEN SHIH-MING 2)HSIAO CHING-CHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multi-stage air compression system includes a compressor, a first cooler, a first water separator, and a dryer. The compressor includes a body, a first cylinder, and a second cylinder. The first cylinder and the second cylinder are disposed on and communicated with the body, the first cooler is communicated with the first cylinder, the first water separator is communicated with the first cooler, the dryer is communicated with the first water separator, and the second cylinder is communicated with the dryer. The external gas is compressed, cooled, and dried by flowing through the first cylinder, the first cooler, the first water separator, the dryer, and the second cylinder. Accordingly, the multi-stage air compression system performs a multi-stage compression and drying process on the external gas, so as to enhance compression efficiency and extend service life of components of the compressor.

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

(22) Date of filing of Application :26/12/2011 (43) Publication Date : 06/11/2015

(54) Title of the invention : A METHOD OF PROFILE MACHINING IN HIGH THICKNESS PIPE MATERIALS TO FABRICATE TEE-JOINTS

(51) International classification		(71)Name of Applicant :
(31) International classification	21/14	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGIONAL OPERATIONS
(32) Priority Date	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI-110049, INDIA West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)A. GUNASEKHARAN
Filing Date	:NA	2)S. MATHIVANAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

mLE: A METHOD OF PROFILE MACHINING IN HIGH THICKNESS PIPE MATERIALSTO FABRICATETEE-JOINTS a method of profile machining of high thickness pipe material to fabricate Teejoints in high pressure steam generators, the method comprising the steps of: placing horizontally at least two nozzles on the bed of a horizontal boring machine spaced apart with the tube portions of the nozzles fi;lci.ng each other, the intermediate distance between the nozzles depending on the diameter of the header to be jointed with the nozzles, and the nozzles clamped between at least two v-blocks and the tool holder of the machine; forming a profile at a first stage simultaneously, on the tube portions of the two nozzles to reduce the thickness in a clampable portion of the profile; positioning at least one of the profiled nozzles vertically in a chuck of the machine with jaws, and edge preparation of the tube portion being carried out at a second stage through eccentric turning operation on the profiled side of the tube without affecting the configured profile of the nozzle, characterized in that the nozzle with the tube portion in the second stage is disposed with an offset setting, and in that the offset distance is determined by summation of the tube thickness plus 20 mm.

No. of Pages: 18 No. of Claims: 3

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: TECHNIQUE FOR CONTROLLING A CORNEAL ABLATION LASER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F9/008 :NA :NA :NA :NA :PCT/EP2012/001727 :20/04/2012 :WO 2013/156046 :NA :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen Germany (72)Name of Inventor: 1)LEMONIS Sissimos 2)KEMPE Alexander 3)ABRAHAM Mario 4)RIEDEL Peter
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(57) Abstract:

A technique for controlling a corneal ablation laser (240) is described. As to a device aspect of the technique a device (220) comprises a parameter interface (222); a first determination unit (226); a second determination unit (224); a computation unit (228); and a control unit (230). The parameter interface (222) receives an adjustment parameter. The first determination unit (226) determines a first point (502) on a corneal surface (104a). The second determination unit (224) determines a second point (504) on the corneal surface (104a) that is different from the first point (502). The computation unit (228) determines a third point (718) on a line between the first point (502) and the second point (504) according to the adjustment parameter. The computation unit (228) further generates a control program (246) that centers an ablation profile on the third point (718). The control unit (230) controls the corneal ablation laser (240) according to the control program (246).

No. of Pages: 34 No. of Claims: 16

(21) Application No.2164/KOLNP/2014 A

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE 164 83 Stockholm Sweden

(19) INDIA

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: CHAINING OF INLINE SERVICES USING SOFTWARE DEFINED NETWORKING

:H04L12/725,H04L12/851 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/624823 (32) Priority Date :16/04/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/IB2013/053017

Filing Date :16/04/2013 (87) International Publication No :WO 2013/156931

:NA

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number: NA 1)LEFEBVRE Geoffrey

2) RUBOW Erik

(72) Name of Inventor:

3)MANGHIRMALANI Ravi

(57) Abstract:

Filing Date

A system and method for steering traffic through a set of services is provided. A service path or chain is assigned to a received packet based on a classification of the packet. A position and/or a direction of the traffic in the service path can be determined based on the previous service performed on the traffic. A next destination for the traffic can be assigned in accordance with the assigned service chain and determined position and direction information.

No. of Pages: 42 No. of Claims: 25

(21) Application No.2165/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : AUTONOMOUS TRANSPORT LAYER CONNECTION SETUP BY A TRANSPORT LAYER CONCENTRATOR

(51) International :H04W92/20,H04L29/06,H04W76/02

classification ...104 w 92/20,1104L29/00,110 (31) Priority Document No :61/611867

(32) Priority Date :16/03/2012

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

country

(86) International PCT/SE2013/050264
Application No

Filing Date :15/03/2013

(87) International Publication No :WO 2013/137815

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

(62) Divisional to
Application Number
Filing Date
: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)MASINI Gino Luca 2)MILDH Gunnar

(57) Abstract:

The present disclosure concerns wireless communication. More particularly a method and an apparatus (e.g. a SCTPconcentrator) for setting up transport layer connections (e.g. SCTP associations) between a eNB and a (H)eNB are disclosed.

No. of Pages: 28 No. of Claims: 19

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: SINGLE CARRIER MODE SWITCHING IN COMPONENT CARRIER RECEIVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04L5/00,H04B1/00 :61/625117 :17/04/2012 :U.S.A. :PCT/SE2013/050413 :16/04/2013 :WO 2013/158023 :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)NORDSTRÖM Eric 2)SCHLIWA BERTLING Paul 3)SUNDBERG Mårten
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and user node (900) for maintaining a connection with a network node (902) when operating in a multi carrier mode using a first filter configuration (900c) to receive multiple frequency carriers simultaneously for downlink communication. The user node (900) applies a mode switching scheme comprising first intervals for the multi carrier mode and second intervals for a single carrier mode using a second filter configuration (900d) to receive a single carrier for the downlink communication. In this case the user node (900) switches temporarily from the multi carrier mode to operate in the single carrier mode during the second intervals according to the mode switching scheme. Thereby the user node is enabled to maintain the connection by receiving messages and/or control signalling from the network node over the single frequency carrier during the second intervals for example when the multi carrier mode is highly disturbed by interference.

No. of Pages: 35 No. of Claims: 18

(21) Application No.2167/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: INDOOR AIR CONDITIONER

(51) International classification	:F24F13/20	(71)Name of Applicant:
(31) Priority Document No	:2012065994	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:22/03/2012	Address of Applicant :Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:Japan	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan
(86) International Application No	:PCT/JP2013/053340	(72)Name of Inventor:
Filing Date	:13/02/2013	1)YASUTOMI Masanao
(87) International Publication No	:WO 2013/140896	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention makes it possible to prevent the occurrence of a phenomenon in which an intake port on an underside surface does not function in some cases due to differing environmental conditions. A casing (11) has a top surface intake port (21) and an underside surface intake port (22). An indoor fan (15) creates a flow of air taken in from each intake port (21 22). An indoor heat exchanger (13) forms a substantially reverse V like shape from front side heat exchanger units (13a 13b) and a rear side heat exchanger unit (13c). An intake resistance unit (50) is intended to obstruct the flow of air taken in from the top surface intake port (21). Specifically the indoor fan (15) creates a flow of air within the room the air being taken in from the intake ports (21 22) and flowing into the rear side heat exchanger unit (13c). The intake resistance unit (50) is positioned in the top surface intake port (21) corresponding to the rear side heat exchanger unit (13c).

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

(21) Application No.2168/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SCROLL COMPRESSION 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 	:F04C18/02 :2012134471 :14/06/2012 :Japan :PCT/JP2013/002635 :18/04/2013 :WO 2013/186974 :NA :NA	(71)Name of Applicant: 1)DAIKIN INDUSTRIES LTD. Address of Applicant: Umeda Center Building 4 12 Nakazaki nishi 2 chome Kita ku Osaka shi Osaka 5308323 Japan (72)Name of Inventor: 1)NAGAHARA Kenji 2)NISHIDE Youhei 3)UEKAWA Takashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a scroll compression device which adjusts with a fluid groove (81) between a mobile side end plate part (51) and a fixed side end plate part a pressing force of a mobile scroll with respect to a fixed scroll. In at least a region which forms a fluid body intake space (50L) in an outer circumference side of a compression chamber (50) an outer circumference side seal length (L1) from an outer circumference edge of the fluid groove (81) which is formed in a thrust slide face (80) between the fixed side end plate part and the mobile side end plate part (51) to an outer edge (86) of the mobile side end plate part is shorter than an inner circumference side seal length (L2) from an inner circumference edge of the fluid groove (81) to a circumference edge of the compression chamber (50) avoiding an occurrence of either a seal defect or a lubrication defect preventing an overturning of a mobile scroll (5) and preventing a deterioration in performance of the compression device.

No. of Pages: 39 No. of Claims: 5

(22) Date of filing of Application :08/04/2011 (43) Publication Date : 06/11/2015

(54) Title of the invention : APPARATUS AND METHOD FOR GENERATING A LEVEL PARAMETER AND FOR GENERATING A MULTI-CHANNEL REPRESENTATION

(51) International classification:G10L 19/00(31) Priority Document No:0400998-1(32) Priority Date:16/04/2004(33) Name of priority country:Sweden

(86) International Application No
Filing Date

Sweden

: PCT/EP2005/003848
: 12/04/2005

(87) International Publication No :WO 2005/101370

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

(62) Divisional to Application Number :1774/KOLNP/2006 Filed on :26/06/2006 (71)Name of Applicant:

1)CODING TECHNOLOGIES AB

Address of Applicant :DOEBELNSGATAN 64, SE-113 52

STOCKHOLM, SWEDEN Sweden

:PCT/EP2005/003848 (72)Name of Inventor :

1)HEIKO PURNHAGEN 2)LARS VILLEMOES 3)JONAS ENGDEGARD 4)JONAS ROEDEN

5)KRISTOFER KJOERLING

(57) Abstract:

A parameter representation of a multi-channel signal having several original channels includes a parameter set, which, when used together with at least one down-mix channel allows a multi-channel reconstruction. An additional level parameter (rM) is calculated such that an energy of the at least one down-mix channel weighted by the level parameter is equal to a sum of energies of the original channels. The additional level parameter is transmitted to a multi-channel reconstructor together with the parameter set or together with a down-mix channel. An apparatus for generating a multi-channel representation uses the level parameter to correct (902) the energy of the at least one transmitted down-mix channel before entering the down-mix signal into an up-mixer or within the up-mixing process.

No. of Pages: 61 No. of Claims: 9

(21) Application No.2189/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ESTIMATING THE SHAPE OF AN ACOUSTIC TRAILING ANTENNA

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01V1/38 :10 2012 009 224.5 :07/05/2012 :Germany :PCT/EP2013/057577 :11/04/2013 :WO 2013/167336 :NA :NA :NA	(71)Name of Applicant: 1)ATLAS ELEKTRONIK GMBH Address of Applicant: Sebaldsbrücker Heerstrasse 235 28309 Bremen Germany (72)Name of Inventor: 1)SCHULZ Florian
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(57) Abstract:

iiiiiii 1iiiThe invention relates to a method and an apparatus for estimating the shape of an acoustic trailing antenna (12) wherein the shape is estimated using Kalman filtering. First of all this involves the deterministic component (u(k)) of the state equation of the Kalman filter being set to zero. In addition successive discrete times (k) are predefined and at the predefined times (k) a respective estimated shape for the trailing antenna (12) is described by a model based state vector (x)(k). In this case the model based state vectors (x)(k) are ascertained by the estimated timing response of a mechanical model (24) of the trailing antenna (12) and by movements in a traction point (16) for the trailing antenna (12) that are assumed to be known. The discrepancy in the respective current model based state vector (x)(k) is determined for one or more preceding model based state vectors (x)(k) is considered as a current matrix (F)(k) and the current transition matrix (F)(k) is periodically updated for the Kalman filtering with the ascertained matrices (F)(k).

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

(21) Application No.2190/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PLANT CULTIVATION MATERIAL AND PLANT CULTIVATION METHOD USING SAME

(51) International classification	:A01G1/00,A01G31/00	(71)Name of Applicant:
(31) Priority Document No	:2012088696	1)MITSUI CHEMICALS INC.
(32) Priority Date	:09/04/2012	Address of Applicant :5 2 Higashi Shimbashi 1 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1057117 Japan
(86) International Application No	:PCT/JP2013/060503	2)PHYTOCULTURE CONTROL CO. LTD.
Filing Date	:05/04/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/154053	1)MATSUNO Hirozumi
(61) Patent of Addition to Application	:NA	2)NAWA Yasushi
Number	:NA	3)TANAKA Kunisuke
Filing Date	.IVA	4)SUZUMURA Daisuke
(62) Divisional to Application Number	:NA	5)HASEGAWA Ryo
Filing Date	:NA	

(57) Abstract:

A plant cultivation material which shows liquid retention properties and liquid transfer properties and has a structure for the optimum air intake environment said plant cultivation material comprising natural pulp and/or a synthetic pulp such as a polyolefin pulp. By using this plant cultivation material elements required for plant growth can be absorbed in the needed amount at the time of need so that a cultivation environment for promoting plant growth can be provided.

No. of Pages: 51 No. of Claims: 6

(21) Application No.2191/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR MEASURING HOSE RESISTANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16L11/112 :NA :NA :NA :PCT/IN2012/000296 :23/04/2012 :WO 2013/160903 :NA :NA	(71)Name of Applicant: 1)EATON CORPORATION Address of Applicant: Eaton Center 1111 Superior Avenue Cleveland OH 44114 2584 U.S.A. (72)Name of Inventor: 1)SAMEER Subhash Upasani 2)ABHAY Shinde 3)PEREIRA Luis
11		3)PEREIRA Luis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods for detecting degradation and failures includ types of failures in a hose assembly are disclosed. One system includes a hose degradation monitoring circuit having a hose assembly including a hose having first and second conductive layers and a degradation monitoring circuit configured to detect a resistance of the hose across the conductive layers. The degradation monitoring circuit includes a voltage source electrically connected to the first conductive layer and a resistor electrically connected between the second conductive layer and ground. The degradation monitoring circuit further includes a voltage monitoring circuit electrically connected between the resistor and the second conductive layer to periodically monitor a voltage at the location and detect a possible failure of the hose assembly upon determining that based at least in part on a change in the voltage at the location over time a resistance of the hose assembly has passed a threshold level.

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

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REAL-TIME ADAPTATION OF A CONFERENCING SYSTEM TO CURRENT CONDITIONS OF A CONFERENCE SESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	H04L29/08 :61/891,205	
(62) Divisional to Application Number Filing Date	:NA :NA	4), WICHAEL ROBERT TOCKER

(57) Abstract:

A system and method provide a rule-based technique for adapting a videoconferencing system to current conditions of a conference session, automatically converting the session from one conferencing technique to another, based on those current conditions. Rules may involve criteria including number of participants, ability to use a common codex, among others. An escalation module can be used to manage the transition between one type of conference session and another. If a condition occurs that causes transitioning the conference from one type to another, when that condition no longer applies, the conference may automatically transition back to the original conferencing type.

No. of Pages: 29 No. of Claims: 19

(21) Application No.2192/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR OPERATING A SOLAR THERMAL POWER PLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Principles of the Application Number 	:102012206466.4 :19/04/2012 :Germany :PCT/EP2013/057541 :11/04/2013 :WO 2013/156375 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)BRÜCKNER Jan 2)THOMAS Frank
- 13.555	:NA :NA :NA	

(57) Abstract:

The invention relates to control during the operation of a solar thermal power plant wherein in a intermediate superheater (Z) in the water steam circuit steam (D) is heated to a settable setpoint temperature value at the outlet by a heat carrier medium (W) which has been heated solar thermally wherein for the heating of the steam (D) to a set setpoint temperature value a mass flow of the heat carrier medium (W) entering the intermediate superheater (Z) is controlled as a function of a determined enthalpy difference of the heat carrier medium (W) between the entry and exit thereof into and out of the intermediate superheater (Z) and as a function of a determined enthalpy difference of the steam (D) between the exit and entry thereof out of and into the intermediate superheater (Z).

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

(21) Application No.2193/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: BURNER FOR A GAS HEATED COOKING APPLIANCE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F23D14/06,F24C15/10,F24C3/08 :10 2012 206 507.5 :20/04/2012 :Germany	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany
(86) International Application No Filing Date (87) International Publication No	:PCT/IB2013/052850 :10/04/2013 :WO 2013/156902	 (72)Name of Inventor: 1)ACOSTA HERRERO Luis 2)DE CARLOS NEGRO Ainhoa 3)HERRERA ESTRADA Pedro 4)PALACIOS VALDUEZA Luis Antonio
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	5)PLACER MARURI Emilio 6)TRIGUEROS PRECIADO Sara
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a burner (1) for a gas heated cooking appliance (2) with a pipe (14) for mixing burnable gas (28) with primary air (29) and with a deflecting element (23) which is arranged in the interior space (24) which is bounded by the pipe (14).

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

(21) Application No.2194/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: ELECTRODE FOR EVOLUTION OF GASEOUS PRODUCTS AND METHOD OF MANUFACTURING THEREOF

:C25B11/04,C23C24/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :MI2012A000873 (32) Priority Date :21/05/2012

(33) Name of priority country :Italy

(86) International Application No :PCT/EP2013/060177 Filing Date :16/05/2013

(87) International Publication No :WO 2013/174718

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

1)INDUSTRIE DE NORA S.P.A.

Address of Applicant: Via Bistolfi 35 I 20134 Milano Italy

(72)Name of Inventor:

1)GULLÀ Andrea Francesco

2)PEZZONI Chiara 3) URGEGHE Christian

(57) Abstract:

The invention relates to an electrode suitable as anode for evolution of gaseous products comprising a metal substrate coated with at least one titanium suboxide layer having an interconnected porosity and containing catalytic noble metal oxides. The invention further relates to a method of manufacturing such electrode comprising applying a mixture of titanium suboxides and noble metal oxide based catalyst on a valve metal substrate via cold gas spray technique.

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

(21) Application No.2195/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PASSIVE DYNAMIC INERTIAL ROTOR BALANCE SYSTEM FOR TURBOMACHINERY

(51) International classification :G01M1/36,F16F15/32,G01M1/30 (71)Name of Applicant : 1)ELLIOTT COMPANY (31) Priority Document No :13/438922 (32) Priority Date :04/04/2012 Address of Applicant: 901 North Fourth Street Jeannette (33) Name of priority country Pennsylvania 15644 U.S.A. :U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2013/027893 1)JOSEFCZYK Ronald John No :27/02/2013 Filing Date (87) International Publication :WO 2013/151636 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A passive dynamic inertial rotor balance system including a plurality of balancing members fitted onto a rotor shaft at locations of predicted maximum shaft modal deflection. Each of the balancing members has at least one chamber and located within the at least one chamber is a plurality of movable weights and a viscous fluid. As the shaft accelerates toward an unbalance point the weights move within the at least one chamber to a location which is opposite from the unbalance point. The viscous fluid provides damping for the movable weights to prevent excess movement within the chamber and to provide lubrication thereof. A system for self correcting an unbalance of a turbomachinery rotor during rotation of the rotor and a method for balancing a rotor in a turbomachinery is also provided.

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

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : COMPOSITION MAINLY COMPOSED OF PTFE MIXED POWDER MOLDING MATERIAL FILTERING MEDIUM FOR FILTER AIR FILTER UNIT AND POROUS MEMBRANE MANUFACTURING METHOD

(51) International classification(31) Priority Document No(32) Priority Date	:C08L27/18,B32B27/30,C08J9/00 :2012096510 :20/04/2012	(71)Name of Applicant: 1)DAIKIN INDUSTRIES LTD. Address of Applicant: Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:Japan	Nishi2 Chome Kita Ku Osaka Shi Osaka 5308323 Japan
(86) International Application No Filing Date (87) International Publication No	:PCT/JP2013/061685 :19/04/2013 :WO 2013/157647	(72)Name of Inventor: 1)CHAEN Shinichi 2)KIYOTANI Hideyuki 3)INUI Kunihiko 4)YAMANAKA Taku
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	5)BAO Li 6)SHIBUYA Yoshiyuki 7)YAMAMOTO Seigo 8)KOBAYASHI Makoto 9)KASAI Shunji 10)NIINUMA Hitoshi

(57) Abstract:

Provided is a composition with which a porous membrane whose performance is not degraded even when compressive force is received in a post processing step can be obtained. The composition according to an aspect of the present invention contains polytetrafluoroethylene that can be fiberized a non hot melt processing component that is not fiberized and a hot melt processable component with a melting point of lower than 320°C that is not fiberized at between 0.1 wt% and 20 wt%.

No. of Pages: 75 No. of Claims: 16

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SMOKING ARTICLE INCORPORATING A CONDUCTIVE SUBSTRATE

		(71)Name of Applicant: 1)R. J. REYNOLDS TOBACCO COMPANY
		Address of Applicant :401 North Main Street Winston Salem
(51) International classification	:A24F47/00	North Carolina 27101 U.S.A.
(31) Priority Document No	:13/432406	(72)Name of Inventor:
(32) Priority Date	:28/03/2012	1)GRIFFITH JR. David William
(33) Name of priority country	:U.S.A.	2)CHANG Yi Ping
(86) International Application No	:PCT/US2013/034058	3)HENDERSON Calvin W.
Filing Date	:27/03/2013	4)MONTGOMERY Ricky Lee
(87) International Publication No	:WO 2013/148810	5)LIEBSCHER II Walter Charles
(61) Patent of Addition to Application	:NA	6)BANERJEE Chandra Kumar
Number	:NA	7)BRAXTON Paul E.
Filing Date	.11/1	8)SEARS Stephen Benson
(62) Divisional to Application Number	:NA	9)BEARD Kenneth Allen
Filing Date	:NA	10)NESTOR Timothy Brian
		11)ADEME Balager
		12)AMPOLINI Frederic Philippe Ampolini
		13)POTTER Dennis Lee

(57) Abstract:

The present invention provides a conductive substrate (50) useful for Joule heating such as in an electronic smoking article (10). Particularly the invention provides a resistive heating element formed of a conductive substrate (50). The conductive substrate (50) comprises an electrically conductive material and a carbonaceous additive such as a binder material. The conductive substrate (50) is carbonized in that it is subjected to calcining conditions to effectively reduce the carbonaceous additive to its carbon skeleton. It has been found that such carbonized substrate (50) has surprisingly improved resistance properties in relation a substrate of the same formulation that is not carbonized. The carbonized substrate (50) can include an aerosol precursor material. The formed resistive heating element can be included in an electronic smoking article (10) to simultaneously provide resistive heating and aerosol formation with a single unitary component.

No. of Pages: 82 No. of Claims: 53

(21) Application No.2187/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : PEARLITE RAIL FLASH BUTT WELDING METHOD FOR PEARLITE RAIL AND METHOD FOR MANUFACTURING PEARLITE RAIL

(51) International classification:C22C38/00,B21B3/00,B23K11/04 (71)Name of Applicant:
(31) Priority Document No :NA :NA (32) Priority Date :NA Address of Applicant:2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor:

No :PCT/JP2012/061147 :25/04/2012 1)KIMURA Tatsumi 2)HONJO Minoru 3)MITAO Shinji

No :WO 2013/161026 (61) Patent of Addition to SMATSUOKA Ryo (57) International Fublication :WO 2013/161026 (57) Internation :WO 2013/161026 (5

Application Number :NA
Filing Date :NA

(62) Divisional to Application :NA

(84) Shart Scoka kyo

(85) Shart Scoka kyo

(86) KATAOKA Yuzuru

(87) Shart Scoka kyo

(88) Shart Scoka kyo

(88) Shart Scoka kyo

(88) Shart Scoka kyo

(88) Shart Scoka kyo

(80) Shart Scoka kyo

(80) NA

:NA

(57) Abstract:

Filing Date

Number

The purpose of the present invention is to provide a pearlite rail that has little softening in a welding heat affected zone high hardness and high ductility a flash butt welding method for a pearlite rail and a method for manufacturing a pearlite rail. In mass percentage the pearlite rail contains 0.70~1.0%~C~0.1~1.5%~Si~0.01~1.5%~Mn~0.001~0.035%~P~0.0005~0.030%~S~and~0.1~2.0%~Cr~with the remainder being Fe and inevitable impurities and the <math display="inline">+ temperature range is $100^{\circ}C~or~less$.

No. of Pages: 43 No. of Claims: 10

(21) Application No.2188/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014

(43) Publication Date: 06/11/2015

(54) Title of the invention : NETWORK ACCESS POINT NETWORK CONTROLLER NETWORK DEVICE AND LOAD CONTROL METHOD THEREOF

(51) International classification	:H04W48/02	(71)Name of Applicant :
(31) Priority Document No	:201310452230.7	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:27/09/2013	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/089708	(72)Name of Inventor:
Filing Date	:17/12/2013	1)YANG Jianjun
(87) International Publication No	:WO 2015/043089	2)WANG Xuehuan
(61) Patent of Addition to Application	:NA	3)WANG Shunyu
Number		4)SUN Jie
Filing Date	:NA	i)servate
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		

(57) Abstract:

The present invention provides a network access point a network controller a network device and a load control method thereof. The load control method comprises: a network device configuring an access condition under which a terminal accesses a first network; the network device receiving a first signal from the terminal and obtaining a measurement quantity of the terminal according to the first signal; and if the measurement quantity of the terminal meets the access condition the network device sending a second signal to the terminal so as to allow the terminal to access the first network the measurement quantity being a signal strength of the terminal and/or a distance of the terminal that the measurement quantity of the terminal meets the access condition comprising: the measurement quantity being greater than or equal to a preset measurement quantity threshold a fluctuation threshold of the measurement quantity being smaller than or equal to a preset measurement quantity fluctuation threshold or a fluctuation frequency of the measurement quantity being smaller than or equal to a preset measurement quantity fluctuation frequency. By means of the foregoing mode the present invention can improve the spectral efficiency of a network access point.

No. of Pages: 78 No. of Claims: 43

(21) Application No.2210/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: DUAL DRIVE FLOOR SCRUBBER

:A47L11/40,B62D11/00 (71)Name of Applicant : (51) International classification 1)NSS ENTERPRISES INC. (31) Priority Document No :61/641932 (32) Priority Date :03/05/2012 Address of Applicant: 3115 Frenchmens Road Toledo OH (33) Name of priority country :U.S.A. 43607 U.S.A. :PCT/US2013/038981 (86) International Application No (72) Name of Inventor: Filing Date :01/05/2013 1)FELLHAUER Jeffery R. (87) International Publication No :WO 2013/166092 2)BRASHEAR William E. (61) Patent of Addition to Application 3)KRAUSNICK Dale A. :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A floor cleaning or burnishing machine has at least one motor controller that is electrically connected to an analog joystick control right and left potentiometers an electrical power source and right and left electrical drive motors. The right motor is mechanically connected to a right rear steering drive wheel and the left motor is mechanically connected to a left rear steering drive wheel. Rotational speed and direction of each rear wheel is independently controlled by way of the joystick in cooperation with respective potentiometers in either a forward or reverse direction. At any given time each potentiometer controls a respective motor controller which individually controls the rotational speed and direction of a respective wheel thereby each wheel is capable of rotating in an opposite direction at a different speed to the other wheel. To slow the floor cleaning or burnishing machine down regenerative braking is utilized by operating the motors as generators.

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

(21) Application No.2211/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: AMINOACID LIPIDS

(51) International :A61K9/127,C07C271/22,C07C237/08

classification (31) Priority Document No :12001793.4

(32) Priority Date :16/03/2012
(33) Name of priority

country :EPO

(OC) Intermedianal

(86) International :PCT/EP2013/000699

Application No
Filing Date

11/03/2013

(87) International :WO 2013/135360

Publication No
(61) Patent of Addition to
Application Number
Filing Date
:NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt Germany (72)Name of Inventor:

1)PLATSCHER Michael Wilhelm

2)BEHRENDT Raymond

3)GROEHN Viola

4)HOERTNER Simone Rachel 5)PASSAFARO Marco Silvio

6)BAUER Finn

(57) Abstract:

1 2323122b1122b222c2d2c222e23eab1b2cde11 22 3The present invention is directed to a new class of lipids more specifically ether lipids having a polar headgroup as well as vesicles comprising these lipids methods of their preparation as well as their uses in medical applications wherein the ether lipids are represented by general formula (I) wherein Y represents O N S or a covalent bond; Prepresents H an Y protecting group or an Y activating group or a spacer group; P P represent independently of each other H an amino protecting group or a spacer group or P and P form together with the N to which they are bound a ring structure; L is a group of formula (a) wherein the dashed line represents the linkage to N; R represents H or a group of formula (CH) OR; R represents H or a group of formula (CH) OR or (CH) OR; R R R R R R represents H or a group of formula OR or CH OR R represents H or a group of formula (CH) OR or (CH) OR; R R R R R R R R represent independently of each other a saturated or unsaturated straight or branched hydrocarbon chain and m is 1 2 or 3; with the proviso that at least one of R R R R is not H.

No. of Pages: 59 No. of Claims: 18

(21) Application No.2212/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: TAMPER RESISTANT AND DOSE DUMPING RESISTANT PHARMACEUTICAL DOSAGE FORM

(51) International :A61K9/14,A61K47/14,A61K47/32 classification

(31) Priority Document No :12002708.1 (32) Priority Date :18/04/2012 (33) Name of priority country: EPO

(86) International Application :PCT/EP2013/057851

:16/04/2013 Filing Date

(87) International Publication

:WO 2013/156453

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)GRÜNENTHAL GMBH

Address of Applicant : Zieglerstraße 6 52078 Aachen Germany

(72)Name of Inventor: 1)WENING Klaus 2)BARNSCHEID Lutz 3) SCHWIER Sebastian

(57) Abstract:

The invention relates to a tamper resistant pharmaceutical dosage form comprising a pharmacologically active ingredient embedded in a prolonged release matrix which comprises a prolonged release matrix material selected from the group consisting of nonionic acrylic polymers and waxy materials and which provides prolonged release of the pharmacologically active ingredient resistance against solvent extraction resistance against grinding and resistance against dose dumping in aqueous ethanol.

No. of Pages: 123 No. of Claims: 13

(21) Application No.2213/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE FOR DECANTING A SUPERNATANT RECEIVED IN A CLARIFIER

(51) International classification: B01D21/24,B01D21/34,C02F1/00 (71) Name of Applicant: 1)INVENT UMWELT UND VERFAHRENSTECHNIK AG (31) Priority Document No :10 2012 207 146.6 (32) Priority Date :27/04/2012 Address of Applicant: Am Pestalozziring 21 91058 Erlangen (33) Name of priority country :Germany Germany (72)Name of Inventor: (86) International Application :PCT/EP2013/055835 1)HÖFKEN Marcus :20/03/2013 Filing Date (87) International Publication :WO 2013/160030 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

The invention relates to a device for decanting a supernatant received in a clarifier (1) comprising: a decanter (2) which is pivotally attached to a clarifier (1) and which comprises a decanter head (5) that has a water inlet opening (6); a pivoting device (7) which is connected to the decanter (2) via an actuator (8) with an adjustable length for raising or lowering the water inlet opening (6) relative to a floor (B) of the clarifier (1); a first measuring device (9) for measuring a fill level (H1) of the wastewater (Ab) received in the clarifier (1); a device for determining a length (L) of the actuator (8); an evaluating device with which a distance (H2) from the water inlet opening (6) of the decanter (2) to the floor (B) of the clarifier (1) can be determined from the length (L) of the actuator (8); and a controller (S) for controlling the pivoting device (7) such that a water inlet opening (6) immersion depth (E) which results from the difference between the fill level (H1) and the distance (H2) is kept in a specified range.

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

(21) Application No.1055/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: FIXING DEVICE AND IMAGE FORMATION DEVICE

(51) International classification	:G06F9/44	(71)Name of Applicant:
(31) Priority Document No	:201310484908.X	1)RICOH CÔMPANY, LTD.
(32) Priority Date	:16/10/2013	Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(33) Name of priority country	:China	OHTA-KU, TOKYO 143-8555, JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHAOQIAN TANG
(87) International Publication No	: NA	2)BAOLIN ZHANG
(61) Patent of Addition to Application Number	:NA	3)JIHUA ZHANG
Filing Date	:NA	4)WEI LI
(62) Divisional to Application Number	:NA	5)KAZUYA IWASAKI
Filing Date	:NA	

(57) Abstract:

Disclosed are a fixing device and an image formation device. The fixing device includes first and second sensors used to respectively detect first and second temperatures; first and second calculators used to respectively calculate, during a process of starting a heating source, first and second temperature gradients; a parameter storage used to store at least first and second temperature gradient thresholds; a determination part used to get a determination result; an information generation part used to generate, based on the determination result, restart prompt information indicating that the image formation device needs to be restarted because the voltage of an electrical source is too low; and an information transmission part used to transmit the restart prompt information to a display device.

No. of Pages: 110 No. of Claims: 16

(21) Application No.1056/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: CAP FOR LIFT HOLE

	:E04C2/04	(71)Name of Applicant :
(51) International classification	E04G21/14	1 ' '
(31) Priority Document No	:20136169	Address of Applicant :PL 33, FI-37801 AKAA, FINLAND
(32) Priority Date	:22/11/2013	Finland
(33) Name of priority country	:Finland	(72)Name of Inventor:
(86) International Application No	:NA	1)JÄRVINEN, LASSI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	1)JARVINEN, LASSI

(57) Abstract:

A cap (1) for covering a lift hole of a lifting lug of a concrete slab, which cap comprises a flat circular skirt (4) and a central portion (5), wherein from the lower surface of the flat skirt extends one continuous circular protrusion (6) or a plurality of smaller protrusions (8) in circular formation, wherein the central portion (5) extends upwards from the skirt (4) and is formed to be pressed down so that the upper part of the lifting lug (2) breaks through the central portion.

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

(21) Application No.2226/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: HEMP BASED INFANT FORMULA AND METHODS OF MAKING SAME

:A23L1/29,A23B9/20,A23J1/14 (71)Name of Applicant : (51) International classification 1)WRIGHT Jennifer (31) Priority Document No :61/611780 (32) Priority Date :16/03/2012 Address of Applicant :68 Wilson St. East Perth Ontario K7H (33) Name of priority country :U.S.A. 1M1 Canada 2)SPRAGUE David (86) International Application No :PCT/CA2013/000262 (72)Name of Inventor: Filing Date :18/03/2013 (87) International Publication No: WO 2013/138906 1)WRIGHT Jennifer (61) Patent of Addition to 2)SPRAGUE David :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention pertains to the field of nutrition and in particular a food product formulation based on protein and other nutrients extracted from oil seeds such as hemp for a plurality of uses including but not limited to an infant or toddler formula a beverage baked goods or a protein supplement. Suitable oil seeds include but are not limited to hemp flax chia pea and spirulina. Accordingly the present invention provides a food product formulation for human consumption that can provide a complete source of dietary protein and other nutrients through oil seed protein. The formulation may be prepared in a variety of product forms including but not limited to a ready to serve liquid form or a powder form that can be reconstituted prior to human consumption into liquid form or a powder form that can be added to oilier ingredients to produce a baked product for human consumption or a protein supplement.

No. of Pages: 74 No. of Claims: 84

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR ARRANGING A PRINTING PLATE ON A PLATE CYLINDER BY MEANS OF A TENSIONING SLIDE

(51) International classification (71)Name of Applicant: :B41F27/12 (31) Priority Document No :10 2012 207 109.1 1)KOENIG & BAUER AKTIENGESELLSCHAFT (32) Priority Date Address of Applicant: Friedrich Koenig Str. 4 97080 :27/04/2012 (33) Name of priority country Würzburg Germany :Germany (86) International Application No :PCT/EP2013/057368 (72)Name of Inventor : 1)KRESS Patrick Filing Date :09/04/2013 (87) International Publication No :WO 2013/160096 2)SCHWITZKY Volkmar Rolf (61) Patent of Addition to Application 3)SOKOL Ralf Harald :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a method for arranging a printing plate (73) on a plate cylinder (07) having a channel (13) in which a front (21) and a rear (61) clamping device are located the rear clamping device forming part of a slide (102) positioned inside the channel such that it can move towards the front clamping device. In a tensioning step the slide is first moved together with a rear end of the printing form that is fixed into the rear clamping device towards the front clamping device and at least one rear spacer (131) is then adjusted to a position relative to the slide that defines a specific distance of the rear clamping device from a second channel wall (19). A tensioning drive (104) is subsequently deactivated and the slide together with the rear clamping device are at least held in position along the tensioning path by means of the force exerted by the tensioned printing form said force pressing the slide against the second channel wall by means of the rear spacer of said slide.

No. of Pages: 162 No. of Claims: 12

(21) Application No.2215/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: TARGETING AMINOACID LIPIDS

(51) International :A61K9/127,C07D475/04,A61K47/24

classification .A01K9/127,C07D473/04,A01K47/2

(31) Priority Document No :12001803.1 (32) Priority Date :16/03/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/000698

Application No Filing Date :11/03/2013

(87) International

Publication No :WO 2013/135359

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

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

(71)Name of Applicant:

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt Germany (72)Name of Inventor:

1)PLATSCHER Michael Wilhelm

2)BEHRENDT Raymond

3)GROEHN Viola

4)HOERTNER Simone Rachel 5)PASSAFARO Marco Silvio

6)BAUER Finn

(57) Abstract:

The present invention is directed to carrier systems comprising ether lipids conjugated to one or more bioactive ligands and exposed on the surface of the carrier system for use in targeted delivery and/or antigen display systems. Optionally one or more further bioactive agents may be encapsulated or embedded within or attached to or adsorbed onto the carrier system. The present invention is further directed to methods of their preparation and their uses in medical applications such as targeted delivery of bioactive agents to specific tissues or cells and antigen display systems for the study diagnosis and treatment of traits diseases and conditions that respond to said bioactive agents.

No. of Pages: 89 No. of Claims: 18

(21) Application No.2216/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: STRUCTURALLY STABLE ARRANGEMENT AND METHOD FOR FORMING A STRUCTURALLY STABLE ARRANGEMENT

:B61C17/00,B61D17/10 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2012 206 663.2 (32) Priority Date :23/04/2012 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2013/056558 Filing Date :27/03/2013

(87) International Publication No :WO 2013/160062

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

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72) Name of Inventor: 1)OTTO Marcus 2)SCHMITT Volker

(57) Abstract:

The invention relates to a structurally stable arrangement (A1.1; A1.2; A1.3; A2.3; A3.2) with a carrying device (22; 100; 130) and with equipment components (23 to 28; 101 102; 131 to 135) of a rail vehicle (1) which are mounted on the carrying device (AV1.1; AV1.2; AV1.3; AV2.3; AV3.2). In order to reduce the weight of the structurally stable arrangement it is provided that carrying bars (31 to 37; 103 110 to 114; 142 to 144 161 162) of the carrying device are screwed together at junction points (38 to 47; 114 to 117; 163 to 168) in such a way that they form an unstable bar structure (S1; S2; S3) on which the equipment components are mounted wherein at least one reinforcing device (AV1.1; AV1.2; AV1.3; AV2.3; AV3.2) is provided to which the unstable bar structure (S1; S2; S3) is fastened releasably at fastening points (51 to 56) and which reinforcing device (AV1.1; AV1.2; AV1.3; AV2.3; AV3.2) reinforces the unstable bar structure (S1; S2; S3) in such a way that the mutual position with respect to one another of the equipment components which are mounted on the unstable bar structure is maintained and that after mounting of the bar structure (S1; S2; S3) which is provided with the equipment components on the rail vehicle the at least one reinforcing device (AV1.3; AV2.3) is formed by a wall (8) of a railcar body (7) of the rail vehicle which wall (8) is formed in particular as an extruded profile. The invention also relates to a method for forming the structurally stable arrangement.

No. of Pages: 34 No. of Claims: 12

(21) Application No.2217/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PRETREATMENT OF METAL SURFACES PRIOR TO PAINT USING POLYANILINE PARTICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:13/432031 :28/03/2012 :U.S.A.	(71)Name of Applicant: 1)DUBOIS CHEMICALS INC. Address of Applicant: 3630 East Kemper Road Sharonville OH 45241 2011 U.S.A. (72)Name of Inventor: 1)SCHIMPFF David 2)DUNHAM Bruce 3)FRISZ William 4)ZHANG Jun Q.
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(57) Abstract:

Embodiments of a method of pretreating a metal substrate prior to painting comprise applying a first coating solution onto the metal substrate wherein the first coating solution comprises polyaniline particles at a pH less than 7 to yield a first coating on the metal substrate rinsing the metal substrate to remove unreacted polyaniline particles and applying a second coating solution post rinse which comprises at least one acid and a silane composition at a pH less than 7 to yield a second coating on the metal substrate.

No. of Pages: 14 No. of Claims: 17

(21) Application No.2218/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: CONJUGATED POLYMERS

		(71)Name of Applicant :
(51) International classification	:C08K3/04,C08G61/12	1)MERCK PATENT GMBH
(31) Priority Document No	:12001815.5	Address of Applicant :Frankfurter Strasse 250 64293
(32) Priority Date	:16/03/2012	Darmstadt Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/000447	1)BLOUIN Nicolas
Filing Date	:15/02/2013	2)PHILLIPS Amy
(87) International Publication No	:WO 2013/135339	3)NANSON Lana
(61) Patent of Addition to Application	:NA	4)TIERNEY Steven
Number		5)CULL Toby
Filing Date	:NA	6)TIWANA Priti
(62) Divisional to Application Number	:NA	7)BERNY Stephane
Filing Date	:NA	8)CARRASCO OROZCO Miguel
-		9)MEYER Frank Egon

(57) Abstract:

The invention relates to novel conjugated polymers comprising in their backbone one or more divalent donor units like for example benzo[1 2 b:4 5 b]dithiophene 2 6 diyl (BDT) that are linked on both sides to an acceptor unit to methods of preparing the polymers and educts or intermediates used in such preparation to polymer blends mixtures and formulations containing the polymers to the use of the polymers polymer blends mixtures and formulations as semiconductors organic electronic (OE) devices especially in organic photovoltaic (OPV) devices and organic photodetectors (OPD) and to OE OPV and OPD devices comprising these polymers polymer blends mixtures or formulations.

No. of Pages: 198 No. of Claims: 40

(21) Application No.2125/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: TRANSVERSE TROUGH COIL CAR WITH MODULAR TROUGH FORMING ASSEMBLIES AND METHOD OF FORMING SAME

(51) International classification :B61D3/16,B60P3/035,B60P7/12 (71) Name of Applicant:

(31) Priority Document No :61/619403 (32) Priority Date :02/04/2012

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

(86) International Application :PCT/US2013/034947

:02/04/2013 Filing Date

(87) International Publication No:WO 2013/151996

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)JAC OPERATIONS INC.

Address of Applicant: Two North Riverside Plaza Suite 1300

Chicago IL 60606 U.S.A. (72) Name of Inventor: 1)LYDIC Todd L.

2)BORING Jeffrey W.

(57) Abstract:

A transverse trough coil car includes a plurality of transverse troughs a pair of trucks a center sill supported on the trucks a pair of side walls extending the length of the car coupled to the center sill and a plurality of trough forming assemblies. Each trough forming assembly includes a center cross bearer member coupled to the side walls and the center sill a pair of angled floor plates coupled to the side walls wherein the floor plates form the longitudinally fore and aft sections of adjacent troughs and a plurality of floor plate supporting gussets extending between the center cross bearer member and the floor plates. A method of forming the transverse trough coil car body is provided for reducing the fabrication costs inventory costs and assembly time of the car.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: COOLING SYSTEM AND HEATING 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 	:NA :NA :NA :PCT/CN2013/084749 :30/09/2013 :WO 2015/042970 :NA :NA	(71)Name of Applicant: 1)GUANGDONG MEIZHI COMPRESSOR CO. LTD. Address of Applicant: Shunfengshan Industrial Development Zone Shunde Foshan Guangdong 528333 China (72)Name of Inventor: 1)GAO Bin 2)XIANG Weimin 3)YU Jijiang 4)GUO Hong 5)YANG Jingtao
- 10	:NA :NA :NA	,

(57) Abstract:

Disclosed are a cooling system (100) and a heating system (200). The cooling system (100) comprises: a low backpressure rotary compressor (1) a four way valve (2) an outdoor heat exchanger (3) an indoor heat exchanger (4) a throttle element (4) and a control valve assembly (6) wherein a housing of the low backpressure rotary compressor (1) is provided with an upper air suction pipe (S1) a middle air suction pipe (S2) and an air discharge pipe (D). The control valve assembly (6) is connected to an air suction valve port (21) the upper air suction pipe (S1) and the middle air suction pipe (S2) respectively via a first pipeline (G) a second pipeline (F) and a third pipeline (E). When the cooling system is in a cooling mode the control valve assembly (6) controls the suctioned air flow of the third pipeline (E) to be greater than that of the second pipeline (F) and when the cooling system is in a heating mode the control valve assembly (6) controls the suctioned air flow of the second pipeline (F) to be greater than that of the third pipeline (E).

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

(21) Application No.2250/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SLIDING MEMBERS AND PISTON PUMP/MOTOR

:NA

(51) International classification: F04B1/22,F04B53/00,F04B53/10 (71) Name of Applicant: (31) Priority Document No :2012-081088 1)KAYABA INDUSTRY CO., LTD. (32) Priority Date :30/03/2012 Address of Applicant: World Trade Center Bldg., 4-1, (33) Name of priority country Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105-6111, JAPAN :Japan (72)Name of Inventor: (86) International Application :PCT/JP2013/057552 1)Shinji KATO :15/03/2013 2)Tetsuya TAMURA Filing Date 3)Shuhei HOSOHATA (87) International Publication :WO 2013/146393 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

Sliding members that make sliding contact with each other, with the sliding part of one of the sliding members being formed by means of amorphous carbon and the sliding part of the other sliding member being formed by means of a copper alloy or an aluminum alloy.

No. of Pages: 22 No. of Claims: 7

(21) Application No.2251/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELECTRIC POWER STEERING DEVICE

(51) International classification	:B62D5/04,G01L3/10	(71)Name of Applicant:
(31) Priority Document No	:P2012-073932	1)KAYABA INDUSTRY CO LTD.
(32) Priority Date	:28/03/2012	Address of Applicant :World Trade Center Bldg., 4-1,
(33) Name of priority country	:Japan	Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN
(86) International Application No	:PCT/JP2013/057680	(72)Name of Inventor:
Filing Date	:18/03/2013	1)Yoshiyuki TSUKADA
(87) International Publication No	:WO 2013/146425	2)Shuhei CHIBA
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electric power steering device comprises a steering shaft to which a steering wheel is linked an output shaft linked with the steering shaft via a torsion bar a torque sensor for detecting steering torque acting on the torsion bar a sensor case to which a magnetic material as a structural component of the torque sensor is fixed an upper column tube for rotatably supporting the steering shaft and a lower column tube capable of moving relative to the upper column tube the lower column tube and the sensor case being integrated components composed of a resin material.

No. of Pages: 22 No. of Claims: 4

(21) Application No.2253/KOLNP/2014 A

(19) INDIA

country

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: ISOLATING/GROUNDING SWITCH WITH THREE PHASES IN ONE ENCLOSURE

(51) International :H01H31/24,H01H1/38,H02B13/035

classification (31) Priority Document No :201210135013.0

:28/04/2012 (32) Priority Date (33) Name of priority :China

(86) International :PCT/EP2013/057553

Application No :11/04/2013 Filing Date

(87) International Publication: WO 2013/160115

(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) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72) Name of Inventor: 1)CHEN Yan Ping

(57) Abstract:

The object of the present invention is to provide an isolating/grounding switch with three phases in one enclosure which has a simple conductor shape and a higher space utilization rate. Such a switch comprises a housing three first conductors and three second conductors. The switch also comprises three first static contacts each connected to one of the first conductors three second static contacts each connected to one of the second conductors three moving contacts connected by an insulator and three grounding contacts electrically connected to the housing. Each first static contact and a corresponding first conductor have the same axis as a corresponding second static contact and a corresponding second conductor. Each moving contact can slide on a corresponding first conductor and is electrically connected to this first conductor. Each moving contact is electrically connected to a corresponding second static contact when at one end of a corresponding first conductor and electrically connected to a corresponding grounding contact when at the other end of this first conductor.

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

(22) Date of filing of Application :09/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: CONFORMATIONALLY CONSTRAINED, FULLY SYNTHETIC MACROCYCLIC COMPOUNDS

(51) International :C07D273/02,C07D498/04,C07D498/18 classification

:17/03/2012

:15/03/2013

:PCT/EP2013/055368

:EPO

(31) Priority Document

:12001830.4

(32) Priority Date (33) Name of priority

country

(86) International

Application No Filing Date

(87) International

:WO 2013/139697 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)POLYPHOR AG

Address of Applicant: Hegenheimermattweg 125, CH-4123

Allschwil Switzerland (72)Name of Inventor: 1)OBRECHT, Daniel 2) ERMERT, Philipp 3)OUMOUCH, Said

4)PIETTRE, Arnaud

5) GOSALBES, Jean-François

6)THOMMEN, Marc

(57) Abstract:

The conformationally restricted, spatially defined macrocyclic ring system of formula (I) is constituted by three distinct molecular parts: Template A, conformation Modulator B and Bridge C. Macrocycles described by this ring system I are readily manufactured by parallel synthesis or combinatorial chemistry in solution or on solid phase. They are designed to interact with a variety of specific biological target classes, examples being agonistic or antagonistic activity on G-protein coupled receptors (GPCRs), inhibitory activity on enzymes or antimicrobial activity. In particular, these macrocycles show inhibitory activity on endothelin converting enzyme of subtype 1 (ECE-1) and/or the cysteine protease cathepsin S (CatS), and/or act as antagonists of the oxytocin (OT) receptor, thyrotropin-releasing hormone (TRH) receptor and/or leukotriene B4 (LTB4) receptor, and/or as agonists of the bombesin 3 (BB3) receptor, and/or show antimicrobial activity against at least one bacterial strain. Thus they are showing great potential as medicaments for a variety of diseases.

No. of Pages: 430 No. of Claims: 16

(21) Application No.2143/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUTOMOBILE DOOR REINFORCING 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 Filing Date 	:23/04/2013 :WO 2013/168378 :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)URABE Masaki
<u>e</u>	:NA :NA	

(57) Abstract:

An automobile door reinforcing member attached to a door of an automobile and comprising a tubular member for reinforcing the door wherein a central portion including the center part in the longitudinal direction of the tube and having a length of 1/3 to 4/5 the total length of the tube has a flat shaped cross section orthogonal to the tube axis in which the diameter in the vehicle width direction is greater than the diameter in the vehicle height direction.

No. of Pages: 33 No. of Claims: 6

(21) Application No.2269/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: OVERVOLTAGE ARRESTER WITH COVER AND WATER DRAIN GUTTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2012 207 928.9 :11/05/2012 :Germany	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)GOTTSCHALK Ingo 2)PIPPERT Erhard 3)SPRINGBORN Dirk
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates among other things to an overvoltage arrester (50) comprising at least one flange (10) having a blow out chute (15) wherein pressure in the event of an overcurrent can be relieved by a gas stream from the interior of the overvoltage arrester (50) through the blow out chute (15). According to the invention the flange (10) has a circumferential bead (20) which is surrounded by a circumferential water drain gutter (25) of the flange (10).

No. of Pages: 27 No. of Claims: 12

(21) Application No.2270/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : MEANS FOR MOUNTING A CONTACT LINE OF A DEVICE FOR MONITORING BRAKE LINING WEAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F16D66/02,F16D65/097 :10 2012 008 572.9 :27/04/2012 :Germany :PCT/EP2013/001266 :26/04/2013 :WO 2013/159938	(71)Name of Applicant: 1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH Address of Applicant: Moosacher Str. 80 80809 München Germany (72)Name of Inventor: 1)ASEN Alexander
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)13/23/(1110/11110/11110/11110/11110/11110/11110/11110/11110/11110/11110/11110/11110/11110/11110/11110/11110/

(57) Abstract:

Means for mounting a contact line (13) of a device for monitoring brake lining wear of a disc brake in particular of a utility vehicle on a brake caliper wherein the contact line (13) is secured in a cable guide (1) which bears against a securing bracket (2) which extends across a mounting opening of the brake caliper said cable guide (1) being covered by a cover (3) is embodied in such a way that the cable guide (1) and/or the cover (3) have at least one spacing element (11) which is arranged in the intermediate space accommodating the contact line (13) and bounds the height of the latter.

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

(21) Application No.2271/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: DEVICE FOR SEPARATING MAGNETIC AND/OR MAGNETIZABLE PARTICLES FROM A SUSPENSION AND THE USE OF SAID DEVICE

(51) International classification :B03C1/12,B03C1/30,B03D1/24 (71)Name of Applicant :

(31) Priority Document No :12172517.0 (32) Priority Date :19/06/2012

(33) Name of priority country :EPO

(86) International Application No: PCT/EP2013/060562

Filing Date :23/05/2013 (87) International Publication No: WO 2013/189685

(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 München

Germany

(72) Name of Inventor:

1)KRIEGLSTEIN Wolfgang 2)SCHMIDT Ralph Oliver

(57) Abstract:

The invention relates to a device (1 1'1'') for separating magnetic and/or magnetizable particles from a suspension (9) which also contains nonmagnetic and/or non magnetizable particles. The device comprises at least one magnetic separator (3 3') and at least one flotation cell (22'). The at least one magnetic separator (33') and the at least one flotation cell (22') are vertically stacked one above the other and are connected to each other via a pipeline system such that at least one flow (10 10') of valuable substances comprising at least some of the magnetic and/or magnetizable particles can flow through the at least one magnetic separator (3 3') as well as through the at least one flotation cell (2 2).

No. of Pages: 22 No. of Claims: 12

(21) Application No.2147/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF LIVER CANCER

(51) International classification :A61K39/395,A61P35/00,C07K16/18

(31) Priority Document No :2012080779

(32) Priority Date :30/03/2012

(33) Name of priority :Japan

country

(86) International PCT/JP2013/059550
Application No

Filing Date :29/03/2013

(87) International

Publication No :WO 2013/147169

(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)TORAY INDUSTRIES INC.

Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome

Chuo ku Tokyo 1038666 Japan

(72)Name of Inventor:
1)SAITO Takanori
2)OKANO Fumiyoshi
3)IDO Takayoshi

4)MINAMIDA Yoshitaka

(57) Abstract:

Provided is antibody effective for the treatment and/or prevention of liver cancer. A pharmaceutical composition for the treatment and/or prevention of liver cancer including as an effective component thereof: an antibody having immunological reactivity to a CAPRIN 1 protein or a fragment thereof including at least seven continuous amino acid resides in an amino acid array of said protein; or a fragment thereof.

No. of Pages: 445 No. of Claims: 9

(22) Date of filing of Application :09/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: HIGH STRENGTH HOT DIP GALVANIZED STEEL SHEET AND PROCESS FOR PRODUCING **SAME**

:C23C2/06,C21D1/76,C21D9/46 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2012094320 (32) Priority Date :18/04/2012

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/002420

Filing Date :09/04/2013 (87) International Publication No: WO 2013/157222

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor:

1)SUZUKI Yoshitsugu 2)HARAKO Daisuke

3)NAGATAKI Yasunobu

(57) Abstract:

2121A hot dip galvannealed steel sheet which comprises a steel sheet that has a composition containing in terms of mass% 0.02 0.30% C 0.01 2.5% Si 0.1 3.0% Mn 0.003 0.08% P up to 0.01% S 0.001 0.20% Al and 0.03 0.40% Ti with the remainder comprising Fe and unavoidable impurities and a zinc coating layer formed on each of the surfaces thereof in an amount of 20 120 g/m per surface wherein each coating layer contains carbide grains having an average grain diameter of 10 nm or smaller in a number of 5 50 per section and oxide grains having an average grain diameter of 50 nm or larger in a number of 5 50 per section. The section means an area (t×1 (µm)) defined by the coating layer thickness (t µm) and segments obtained by dividing a cross section of the coating layer in the direction perpendicular to the thickness direction at an interval of 1 µm.

No. of Pages: 47 No. of Claims: 7

(21) Application No.2272/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention : PROCESS FOR PREPARING BENZO[1 2 B;4 5 B]DITHIOPHENE 4 8 DICARBOXYLIC ACID OR ITS 2 3 DIHYDRO DERIVATIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C07D405/04 :12001990.6 :21/03/2012 :EPO :PCT/EP2013/000538 :25/02/2013 :WO 2013/139426 :NA :NA	(71)Name of Applicant: 1)MERCK PATENT GMBH Address of Applicant:Frankfurter Strasse 250 64293 Darmstadt Germany (72)Name of Inventor: 1)KRIEGBAUM Eva
* * *		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a process for preparing benzo[1 2 b;4 5 b] dithiophene 4 8 dicarboxylic acid or its 2 3 dihydro derivative and to novel products prepared by this process which comprises the following steps: A) heating benzo[1 2 b;4 5 b] dithiophene 4 4 8 8 tetracarboxylic acid or an acid derivative thereof in an organic solvent in the presence of a base and an oxidising agent and adding an acid to give benzo[1 2 b;4 5 b] dithiophene 4 8 dicarboxylic acid or B) heating benzo[1 2 b;4 5 b] dithiophene 4 4 8 8 tetracarboxylic acid or an acid derivative thereof in a polar organic solvent in the presence of a base under exclusion of an oxidising agent and adding an acid to give 2 3 dihydrobenzo[1 2 b;4 5 b] dithiophene 4 8 dicarboxylic acid.

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

(21) Application No.2273/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ENDOGLUCANASES WITH IMPROVED PROPERTIES

(51) International classification	:C12N9/42	(71)Name of Applicant:
(31) Priority Document No	:12166458.5	1)CLARIANT PRODUKTE (DEUTSCHLAND) GMBH
(32) Priority Date	:02/05/2012	Address of Applicant :Brüningstrasse 50 65929 Frankfurt am
(33) Name of priority country	:EPO	Main Germany
(86) International Application No	:PCT/EP2013/058985	(72)Name of Inventor:
Filing Date	:30/04/2013	1)REISINGER Christoph
(87) International Publication No	:WO 2013/164340	2)CLAREN Jörg
(61) Patent of Addition to Application	:NA	3)UNTERSTRASSER Isabel
Number	:NA	4)MITROVIC Aleksandra
Filing Date		5)FLICKER Karlheinz
(62) Divisional to Application Number	:NA	6)GEBHARD Gabi
Filing Date	:NA	

(57) Abstract:

The present invention relates to thermostable endoglucanases particularly to proteins having endoglucanase activity which comprises an amino acid sequence having at least 96% identity to SEQ. ID NO.: 2 and proteins having endoglucanase activity which belongs to the GH7 class and which shows active thermostabilization.

No. of Pages: 61 No. of Claims: 14

(21) Application No.2274/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR LOADING RAW MATERIAL INTO BLAST FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C21B5/00 :2012114860 :18/05/2012 :Japan :PCT/JP2013/003165 :17/05/2013 :WO 2013/172042 :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)HIROSAWA Toshiyuki 2)WATAKABE Shiro 3)ISHII Jun 4)ICHIKAWA Kazuhira
- 14		4)ICHIKAWA Kazuhira

(57) Abstract:

av1av1nn2n 12n 3nThe present invention can provide a method for loading material into a blast furnace in which ventilation of the interior of the blast furnace is maintained so that improved stability and thermal efficiency can be achieved during blast furnace operation even when the coke amount is low or when carrying out an operation in which a large amount of pulverized coal is blown in. This is achieved in the present invention by setting the average layer thickness (L) determined by formula (1) for each rotation of a rotating chute so that said thickness is less than the thickness (h) of coke that is loaded into the axial center section of a blast furnace. Formula (1): L = V/[(R R)p]. Visthe loaded raw material volume (m) per rotation occurring during the n th rotation. R is the fall radius (m) of the loaded raw material occurring during the n th rotation.

No. of Pages: 29 No. of Claims: 2

(21) Application No.2275/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention : Z SHAPED STEEL SHEET PILE AND STEEL SHEET PILE WALL FORMED FROM SAID Z SHAPED STEEL SHEET PILE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E02D5/04 :NA :NA :NA :PCT/JP2012/063107 :16/05/2012 :WO 2013/171910 :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)USAMI Shunsuke
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This Z shaped steel sheet pile (1) has: a first joint section (5) formed at the tip of a fist flange section (3) configuring the Z shaped steel sheet pile (1); and a second joint section (9) formed at the tip of a second flange section (7). A steel sheet pile wall (27) can be formed by disposing Z shaped steel sheet piles (1) adjacent to each other and linking the first joint sections (5) and the second joint sections (9) by causing the engagement thereof. The Z shaped steel sheet pile (1) is characterized by: the first joint section (5) being a double claw joint section having a primary claw (13) which has an expanded section (11) at the tip and is disposed at the outside of the steel sheet pile; and the second joint section (9) being a double claw joint section having a primary claw (13) which has an expanded section (11) at the tip and is disposed at the outside of the steel sheet pile and an auxiliary claw (15) which is formed in a manner so as to face the primary claw (15) which is formed in a manner so as to face the primary claw (13) and is disposed at the inside of the steel sheet pile.

No. of Pages: 28 No. of Claims: 3

(21) Application No.2276/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: REACTOR FOR GASIFYING AND/OR CLEANING ESPECIALLY FOR DEPOLYMERIZING PLASTIC MATERIAL AND ASSOCIATED METHOD

(51) International classification: C10B49/14, C10B53/07, C10G1/10 (71) Name of Applicant:

(31) Priority Document No :102012008457.9

(32) Priority Date :24/04/2012 (33) Name of priority country :Germany

(86) International Application

:PCT/EP2013/001221 :23/04/2013

Filing Date

(87) International Publication :WO 2013/159914

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SCHLÜTER Hartwig

Address of Applicant: Tränkegasse 1 34260 Kaufungen

(72) Name of Inventor: 1)HANDEREK Adam

(57) Abstract:

SchmelzThe invention relates to a reactor for gasifying and/or cleaning especially for depolymerizing plastic material (12) which reactor comprises: a reactor vessel (14) for receiving a starting material (12) especially the plastic material (12); a metal bath (26) which is arranged in the reactor vessel (14) and includes a liquid metallic material having a metal bath melting temperature (T); a plurality of filling elements (25) in the metal bath (26); a heater (18) for heating the plastic material (12) in the reactor vessel (14); and a residual material removal device for at least partially removing residual material (38) which is produced during the gasification and/or cleaning of the starting material (12). According to the invention the residual material removal device comprises an overflow which is centrally arranged in the reactor vessel (14) so that residual material (38) floating on the metal bath (26) can be removed via the overflow.

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

(22) Date of filing of Application :20/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: REACTOR AND METHOD FOR GASIFYING AND/OR CLEANING A STARTING MATERIAL

(51) International classification: C10B49/14, C10B53/07, C10G1/10 (71) Name of Applicant: :10 2012 008 458.7 (31) Priority Document No

(32) Priority Date :24/04/2012

(33) Name of priority country: Germany

(86) International Application :PCT/EP2013/001222

No :23/04/2013 Filing Date

(87) International Publication

:WO 2013/159915

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

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

(57) Abstract:

1)SCHLÜTER Hartwig Address of Applicant: Tränkegasse 1 34260 Kaufungen Germany (72) Name of Inventor: 1)HANDEREK Adam

SchmelzThe invention relates to a reactor for gasifying and/or cleaning a starting material (12) especially for depolymerizing plastic material (12) which reactor comprises: a reactor vessel (14) for receiving the starting material (12) especially the plastic material (12); a metal bath (26) which is arranged in the reactor vessel (14) and includes a liquid metallic material having a metal bath melting temperature (T); a plurality of filling elements (25) which are at least partially arranged in the metal bath (26); and a heater especially an induction heater (18) for heating the starting material (12) in the reactor vessel (14). According to the invention a metal bath intermediate storage device (52) is provided and is connected to the reactor vessel (14) and is designed to remove at least part of the metal bath (26) from the reactor vessel (14) and to return the metal bath (26) to the reactor vessel (14) and comprises a delivery device (64) for delivering the metal bath (26) the delivery device (64) having a pressure increasing unit (60) by means of which the metal bath (26) can be delivered by applying the gas pressure (p).

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

(21) Application No.2178/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: HIGH STRENGTH STEEL SHEET AND METHOD FOR MANUFACTURING SAME

(51) International classification (31) Priority Document No	n:C22C38/14,C22C38/60,C21D9/46 :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:NA	ku Tokyo 1000011 Japan
(86) International Application No Filing Date	:PCT/JP2012/002775 :23/04/2012	(72)Name of Inventor : 1)OKUDA Kaneharu
(87) International Publication No	:WO 2013/160928	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Through the present invention a high strength steel sheet that does not readily split during press forming and that has small elongation anisotropy can be obtained by adopting a composition including by mass% more than 0.0005% and less than 0.10% of C 1.5% or less of Si 0.1% to 3.0% of Mn 0.080% or less of P 0.03% or less of S 0.01% to 0.50% of sol. Al and 0.005% or less of N and containing one or both of 0.02% or less of Nb and 0.20% or less of Ti the remainder being Fe and unavoidable impurities and by configuring the steel structure so that 60% or more thereof by volume fraction is a ferrite phase and in the three dimensional crystal orientation density function (ODF) $\{1 \text{ F } 12\}$ the ODF $\{0^{\circ}\ 0^{\circ}\ 45^{\circ}\}$ strength when F is $0^{\circ}\ 1$ is $0^{\circ}\ 1$

No. of Pages: 29 No. of Claims: 3

(21) Application No.2305/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: POSTPARTUM UTERUS MODEL

(51) International classification (31) Priority Document No	:G09B23/28,G09B23/30 :20120501	(71)Name of Applicant: 1)LAERDAL GLOBAL HEALTH AS
(32) Priority Date	:30/04/2012	Address of Applicant :Postboks 377 N 4002 Stavanger
(33) Name of priority country	:Norway	Norway
(86) International Application No	:PCT/NO2013/050077	(72)Name of Inventor:
Filing Date	:29/04/2013	1)GARVIK Tor Inge
(87) International Publication No	:WO 2013/165256	2)QUINONEZ Paulina
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a simulator for training of personnel for immediate postpartum medical treatment distinctive in that the simulator comprises a representation of an immediate postpartum stage uterus a cervix a vagina and a resilience member the uterus is arranged at an angle to the vagina and the resilience member is arranged for allowing said angle to be straightened out by pressing horizontally forward on the uterus. The invention also provides a simulator for training of personnel for immediate postpartum medical treatment distinctive in that the simulator comprises a representation of an immediate postpartum stage uterus a cervix and a vagina the uterus comprises a transparent top or intermediate layer allowing visual observation and preferably a removable or foldable non transparent top layer over the transparent layer.

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

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR CHARGING STARTING MATERIAL INTO BLAST FURNACE

(51) International classification	:C21B5/00	(71)Name of Applicant:
(31) Priority Document No	:2012114963	1)JFE STEEL CORPORATION
(32) Priority Date	:18/05/2012	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:Japan	ku Tokyo 1000011 Japan
(86) International Application No	:PCT/JP2013/003170	(72)Name of Inventor:
Filing Date	:17/05/2013	1)WATAKABE Shiro
(87) International Publication No	:WO 2013/172044	2)ISHII Jun
(61) Patent of Addition to Application	:NA	3)HIROSAWA Toshiyuki
Number	:NA	4)ICHIKAWA Kazuhira
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In this blast furnace operation method that using a rotating chute charges into a blast furnace a blast furnace charging starting material of coke and an ore staring material such as pellet or clod shaped ore when charging the blast furnace charging starting material into the blast furnace 60 75 mass% of the total amount of coke charged into the furnace is charged as a mixed layer with the ore starting material while the remaining 25 40 mass% of coke quantity is caused to remain as a coke slit thereby advantageously resolving a deterioration in air permeability which is a concern when the ore starting material and coke are charged into the furnace as a mixed layer.

No. of Pages: 25 No. of Claims: 3

(21) Application No.2307/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMPOSITION FOR PREVENTING HEADACHES

:NA

:NA

(51) International (71)Name of Applicant: :A61K31/198,A61K38/06,A61K9/20 classification 1)BIOHIT OYJ (31) Priority Document No :20125570 Address of Applicant: Laippatie 1 FI 00880 Helsinki Finland (32) Priority Date :28/05/2012 (72) Name of Inventor: 1)SUOVANIEMI Osmo (33) Name of priority :Finland country (86) International :PCT/FI2013/050582 Application No :28/05/2013 Filing Date (87) International :WO 2013/178880 Publication No (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Filing Date (62) Divisional to

Application Number

Filing Date

The present invention concerns a non toxic solid pharmaceutical composition for oral administration containing one or more cysteine compounds from the group of L cysteine D cysteine and N acetyl cysteine combined with one or more additional active agents at least one of which being selected from cystine glutathione and methionine the composition further containing one or more pharmaceutical additives. Further the invention concerns a method for reducing the incidence of severe headaches particularly migraine and/or cluster headaches.

No. of Pages: 39 No. of Claims: 25

(21) Application No.1053/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: REAR MOUNTED VEHICLE SEAT SUSPENSION

(51) International classification	:B60N2/50	(71)Name of Applicant:
(31) Priority Document No	:14068015	1)SEARS MANUFACTURING CO.
(32) Priority Date	:31/10/2013	Address of Applicant :1718 S. CONCORD DAVENPORT, IA
(33) Name of priority country	:U.S.A.	52808 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JEFFREY DONALD LINNBERG
(87) 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 seat suspension system for a vehicle comprising a system frame, an elongated seat bracket having one end pivotably mounted to said system frame and the opposite end adapted to support a seat, and a dampening device attached between said system frame and a location on said seat bracket between said one end and said opposite end thereof.

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

(21) Application No.2243/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: PRESSURE CONTROLLED REACTOR

(51) International classification: B01J19/24,C01C3/02,C07C45/52 (71) Name of Applicant: (31) Priority Document No :12161724.5 (32) Priority Date :28/03/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/056395

No

:26/03/2013 Filing Date

(87) International Publication

:WO 2013/144140

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

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

1)AUROTEC GMBH

Address of Applicant : Wartenburgerstraße 1a 4840

Vöcklabruck Austria (72) Name of Inventor: 1)ZIKELI Stefan 2) ECKER Friedrich

(57) Abstract:

The present invention relates to a method and a device for the pyrolysis or thermolysis of a fluid or fluidized starting material under negative pressure in a multi tube reactor comprising a plurality of heatable reactor tubes wherein the starting material is fed to the multi tube reactor at one end by means of at least one supply line wherein the supply line has several pressure reduction units which enable a positive pressure before the starting material is introduced into individual reactor tubes of the multi tube reactor and a negative pressure related thereto inside the reactor tubes wherein the pressure reduction units control a substantially equal inflow of the starting material into individual reactor tubes and the reactor tubes are heated to a decomposition temperature of the starting material in at least one primary section whereby the starting material is pyrolyzed or thermolyzed and a pyrolysis product or thermolysis product is obtained.

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

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD OF DELIVERING A PROCESS GAS FROM A MULTI COMPONENT SOLUTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/03/2013 :WO 2013/148262 :NA :NA	(71)Name of Applicant: 1)RASIRC INC. Address of Applicant: 7815 Silverton Avenue #2 San Diego CA 92126 U.S.A. (72)Name of Inventor: 1)ALVAREZ Daniel Jr. 2)SPIEGELMAN Jeffrey J. 3)HOLMES Russell J. 4)HEINLEIN Edward 5)SHAMSI Zohreh
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and chemical delivery system are provided. The method includes providing a vapor phase of a multi component liquid source. The method further includes contacting a pre loaded carrier gas with the vapor phase wherein the pre loaded carrier gas includes a carrier gas and at least one component of the multi component liquid source and delivering a gas stream comprising at least one component of the liquid source to a critical process or application wherein the amount of the component in the carrier gas is sufficient to keep the ratio of components in the multi component liquid source relatively constant. The chemical delivery system includes a multi component liquid source having a vapor phase. The system further includes a pre loaded carrier gas source that is in fluid contact with the vapor phase wherein the pre loaded carrier gas includes a carrier gas and at least one component of the liquid source and an apparatus for delivering a gas stream including at least one component of the liquid source wherein the amount of the component in the pre loaded carrier gas is sufficient to keep the ratio of components in the multi component liquid source relatively constant.

No. of Pages: 38 No. of Claims: 33

(21) Application No.2247/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application:16/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: IMMUNOMODULATORY AGENT AND USES THEREFOR

(51) International :A61K39/00,A61K38/39,A61P19/02

classification

(31) Priority Document No :2012901189 (32) Priority Date :23/03/2012 (33) Name of priority country: Australia

(86) International :PCT/AU2013/000303

Application No :25/03/2013 Filing Date

(87) International Publication :WO 2013/138871

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

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

Filing Date

(71)Name of Applicant:

1)THE UNIVERSITY OF QUEENSLAND

Address of Applicant :St Lucia Queensland 4072 Australia

(72) Name of Inventor: 1)THOMAS Ranjeny

(57) Abstract:

Disclosed are immunomodulatory agents that are useful for treating or preventing joint damage. More particularly immunomodulators are disclosed for use in eliciting an antigen specific tolerogenic response to an aggrecan polypeptide including citrullinated forms thereof to treat or prevent joint damage including joint damage in subjects with early RA or incipient RA.

No. of Pages: 363 No. of Claims: 43

(21) Application No.398/CAL/1998 A

(19) INDIA

(22) Date of filing of Application :11/03/1998 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD OF PRODUCING STEEL STRIP WITH A HIGH STRENGTH AND GOOD WORKABILITY

(51) International Association	C21D 9/02	(71)N 6 A P 4
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:19710125.9-	1)THYSSEN KRUPP STAHL AG
(31) Thornty Document No	24	Address of Applicant :KAISER-WILHELM-STR. 100, 47166
(32) Priority Date	:13/03/1997	DUISBURG Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)BERNHARD ENGL
Filing Date	:NA	2)GUNTER STICH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method of producing a steel strip with a high tensile strength of at least 900 MPa and good workability. Said steel contains of (in % by weight): 0.10% to 0.20% C 0.30% to 0.60% Si 1.50% to 2.00% Mn max. 0.08% P 0.30% to 0.80% Cr up to 0.40% Mo up to 0.20% Ti and/or Zr up to 0.08% Nb remainder Fe and unavoidable impurities. The steel melt is cast into slabs, which are hot rolled to a strip. The final rolling temperature is above 800 °C. The cooling rate on the run-out roller table is to at least 30 °C/sec. The coiling temperature of the hot rolled strip is 300 °C to 600 °C.

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

(21) Application No.2151/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD FOR CHEMICALLY CONVERTING STEEL MEMBER METHOD FOR MANUFACTURING COATED STEEL MEMBER HAVING BEEN ELECTRODEPOSITION COATED AND COATED STEEL 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 	:C23C22/78,C23C2/06,C23C2/28 :NA :NA :NA :PCT/JP2012/060643 :13/04/2012	(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)ANDO Satoru 2)MIZUNO Daisuke 3)YAMAMOTO Shunsuke
No (61) Patent of Addition to Application Number Filing Date	:WO 2013/153682 :NA :NA	4)KATAOKA Tokihiko
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a coated steel member that has an excellent corrosion resistance in a weld zone. In manufacturing a coated steel member by weld joining steel plates together and then subjecting the thus obtained steel member to a chemical conversion treatment and electrodeposition coating the chemical conversion treatment comprises a surface conditioning treatment using a surface conditioning agent that contains a zinc phosphate colloid and a subsequent zinc phosphate treatment using a zinc phosphate treating agent that has a fluorine concentration of 100 mass ppm or greater.

No. of Pages: 45 No. of Claims: 7

(21) Application No.2154/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: LOW YIELD RATIO HIGH STRENGTH ELECTRIC RESISTANCE WELDED STEEL PIPE STEEL STRIP FOR SAID ELECTRIC RESISTANCE WELDED STEEL PIPE AND METHODS FOR MANUFACTURING SAME

	n:C21D8/02,C22C38/00,C22C38/06	
(31) Priority Document No	:NA	1)JFE STEEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:NA	ku Tokyo 1000011 Japan
(86) International Application	:PCT/JP2012/060194	(72)Name of Inventor:
No	:09/04/2012	1)MATSUKI Yasuhiro
Filing Date	:09/04/2012	2)INOUE Tomohiro
(87) International Publication	:WO 2013/153676	
No	.WO 2013/133070	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	.NT A	
Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided are: a low yield ratio high strength electric resistance welded steel pipe which exhibits a quality scatter (TS) of as small as less than 20MPa in the lengthwise direction of the pipe and which has a yield ratio of as low as 80% or less and high strengths namely a yield strength (YS) of 379 to 552MPa and a tensile strength (TS) of 655MPa or more; and a method for manufacturing the same. Specifically this method comprises: subjecting a steel raw material having a composition which contains in mass% 0.38 to 0.45% of C 0.15 to 0.25% of Si 1.0 to 1.8% of Mn up to 0.03% of P up to 0.03% of S 0.01 to 0.07% of sol. Al and up to 0.005% of N to finish rolling with a finish rolling start temperature of 950°C or lower and a finish rolling end temperature of 820 to 920°C to form a hot rolled steel strip; coiling the hot rolled steel strip at a coiling temperature of 650 to 800°C after the completion of the finish rolling; and subjecting the coiled hot rolled steel strip to a pipe manufacturing process which comprises uncoiling forming and electric resistance welding and thus forming an electric resistance welded steel pipe said pipe manufacturing process being conducted at a room temperature without heating.

No. of Pages: 41 No. of Claims: 11

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: CUTTING INSERT AND TOOL HAVING AN ANTI SLIP ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B23C5/20,B23C5/10 :13/490197 :06/06/2012 :U.S.A. :PCT/IL2013/050473 :03/06/2013 :WO 2013/183045 :NA :NA	(71)Name of Applicant: 1)ISCAR LTD. Address of Applicant: P.O. Box 11 24959 Tefen Israel (72)Name of Inventor: 1)HECHT Gil
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cutting tool (12) and a cutting insert (14) each of which including a base surface (18 34) and an anti slip arrangement (24 40) adjacent thereto. Each anti slip arrangement (24 40) includes an actuator surface (30 44) and non parallel first (26A 42A) and second (26B 42B) abutment surfaces and the actuator surface (30) of the cutting tool (12) is a surface of a clamp (28) of the cutting tool (12). The cutting insert (14) is mounted on the cutting tool (12) via engagement of the base surfaces (18 34) thereof and the clamp (28) is operable to bias the actuator surfaces (30 44) against each other and thereby force the first (26A 42A) and second (26B 42B) abutment surfaces against each other for preventing slippage of the cutting insert (14) along the tool s base surface (18).

No. of Pages: 37 No. of Claims: 42

(22) Date of filing of Application :19/11/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR OVERMOLDING A GLAZED ELEMENT WITH A PORTION OF SEAL COMPRISING AN INSERT, GLAZING AND INSERT PARTICULARLY FOR THIS METHOD

(51) International classification :B29C 45/14 (71)Name of Applicant: (31) Priority Document No :0755166 1)SAINT-GOBAIN GLASS FRANCE (32) Priority Date :21/05/2007 Address of Applicant :18 AVENUE D'ALSACE F-92400 (33) Name of priority country COURBEVOIE FRANCE :France :PCT/FR2008/050862 (72)Name of Inventor : (86) International Application No Filing Date :19/05/2008 1)BODIN, CÉDRIC (87) International Publication No :WO 2008/145938 2)ROZE, JEAN-PIERRE (61) Patent of Addition to Application 3)MOTTELET, BÉATRICE :NA Number 4)MACHIZAUD, YOANN :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a method of overmolding at least one portion of seal (J) onto a peripheral part of a glazed element (V), said seal comprising at least one insert (1), this insert having an overmolded portion comprising a baseplate (2) and a projecting portion (4) oriented along an axis (A) for prepositioning, positioning or fixing the glazed element (V) in an aperture that it is to close, said method being characterized in that, during injection, the insert is positioned in the molding cavity using at least one pin (11) collaborating with a positioning means (5) situated on said overmolded part so that said baseplate (2) comprises, on a face facing toward the glazed element, at least one bearing tab (6) extending toward the glazed element and coming into contact therewith and, on an opposite face, a mount (3) having a free face supporting said projecting part (4) and which is not covered with the plastic of which the seal is made and in that during release from the mold, the mold is opened and the overmolded glazing removed without the projecting part (4) of the insert (1) coming into contact with the wall of said housing (10).



No. of Pages: 34 No. of Claims: 28

(21) Application No.2149/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF GALL BLADDER CANCER

(51) International classification :A61K39/395,A61P35/00,C07K16/18

(31) Priority Document No :2012080780

(32) Priority Date :30/03/2012
(33) Name of priority

country :Japan

(86) International :PCT/JP2013/059569

Application No
Filing Date

FC1/3F 201

:29/03/2013

(87) International

Publication No :WO 2013/147176

(61) Patent of Addition to
Application Number
Filing Date
(22) Biritian Interpretation

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)TORAY INDUSTRIES INC.

Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome

Chuo ku Tokyo 1038666 Japan

(72)Name of Inventor: 1)SAITO Takanori 2)OKANO Fumiyoshi 3)IDO Takayoshi

(57) Abstract:

Provided is antibody effective for the treatment and/or prevention of gall bladder cancer. A pharmaceutical composition for the treatment and/or prevention of gall bladder cancer including as an effective component thereof: an antibody having immunological reactivity to a CAPRIN 1 protein or a fragment thereof including at least seven continuous amino acid resides in an amino acid array of said protein; or a fragment thereof.

No. of Pages: 459 No. of Claims: 9

(21) Application No.2150/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: CONVEYOR SYSTEM

(51) International :B65G15/08,B65G41/00,B65G21/10

classification

(31) Priority Document No :2012901317 (32) Priority Date :03/04/2012 (33) Name of priority country: Australia

(86) International :PCT/AU2013/000332

Application No :28/03/2013 Filing Date

(87) International Publication :WO 2013/149292

(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)DW TECHNOLOGIES PTY LTD

Address of Applicant: 13 Kings Court Gladstone Queensland

4680 Australia

(72) Name of Inventor:

1)WHELAN Darren John

(57) Abstract:

A conveyor system including a track extending between a loading region and a discharge region an endless belt bendable into a tubular shape the endless belt having thickened edges a number of carriages moveably mounted to the track the carriages including belt rollers for engaging the edges of the belt to thereby support the belt a loading carriage for allowing material to be loaded onto the belt the loading station being moveable at least within the loading region a discharge carriage for allowing material to be discharged from the belt the discharge station being moveable at least within the discharge region and a number of intermediate carriages positioned between the loading and discharge carriages for supporting the belt along transport and return paths with the tubular shape.

No. of Pages: 47 No. of Claims: 20

(21) Application No.2278/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: CUTTING INSERT WITH CHIP CONTROL ARRANGEMENT

(51) International classification: B23C5/20,B23B27/04,B23B27/16 (71) Name of Applicant: (31) Priority Document No :13/471671

:22/04/2013

(32) Priority Date :15/05/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IL2013/050346 No

Filing Date

(87) International Publication :WO 2013/171734

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

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

1)ISCAR LTD.

Address of Applicant :P.O. Box 11 24959 Tefen Israel

(72)Name of Inventor: 1) CHISTYAKOV Sergey

(57) Abstract:

A cutting insert (20) has a cutting edge (26) formed at an intersection of a rake surface (28) and a relief surface (30) with a chip control arrangement (22) located at the rake surface (28). The chip control arrangement (22) includes a plurality of recesses (50 74) that extend downwardly into the rake surface (28) and a plurality of projections (52 72) that extend upwardly from the rake surface (28). The plurality of recesses (50 74) follow a pattern of increasing depth in a rearward direction (DR) from the forward portion (25) of the cutting edge (26). The plurality of projections (52 72) follow a pattern of increasing height in a rearward direction (DR) from the forward portion (25) of the cutting edge (26).

No. of Pages: 22 No. of Claims: 29

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR LOADING RAW MATERIAL INTO BLAST FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2012115055 :18/05/2012 :Japan	(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)ICHIKAWA Kazuhira 2)WATAKABE Shiro 3)ISHII Jun 4)HIROSAWA Toshiyuki 5)MURAO Akinori
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In the blast furnace operation method of the present invention raw ore material such as sintered ore pellets or lump ore and a raw coke material for loading into a blast furnace are loaded into a blast furnace using a rotating chute and when forming a mixed layer in a predetermined region within the blast furnace by loading a mixed raw material comprising a mixture of the raw ore material and the coke into the blast furnace the uniformity of the mixed layer is improved by setting the discharge speed of the mixed raw material into the blast furnace at 1.5 t/s or higher.

No. of Pages: 21 No. of Claims: 3

(22) Date of filing of Application :28/11/2011 (43) Publication Date : 06/11/2015

(54) Title of the invention: FIBER COMPOSITE MATERIAL AND METHOD FOR PRODUCTION THEREOF

(51) International classification(31) Priority Document No(32) Priority Date	:B29C 70/20 :102009019500.9 :04/05/2009	(71)Name of Applicant: 1)FAISAL HJ. KNAPPE Address of Applicant :FRIEDHOF-STRASSE 10, 97475 ZEIL
(33) Name of priority country	:Germany	AM MAIN, GERMANY Germany
(86) International Application No		(72)Name of Inventor:
Filing Date	:04/05/2010	1)FAISAL HJ. KNAPPE
(87) International Publication No	:WO 2010/128049	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fiber composite material (8) includes fibers and a resin connecting the fibers. It is the object of the invention to provide the composite material with a high strength while reducing resin consumption and with great flexibility with regard to subsequent deformation. To achieve this, threads (1) are being used that include a plurality of individual filaments (2, 3) and a resin, which can be crosslinked under an impact of at least one physical variable and/or one chemical substance, wherein the resin is provided in non crosslinked condition, but is essentially solvent-free, and holds the individual filaments (2, 3) in the thread (1) together, wherein the individual filaments (2, 3) are arranged unidirectional to each other, and wherein the threads (1) form a composite by bonding together at contact surfaces (12a, 12b) of their respective external enveloping surfaces through bridges (13a, 13b). The invention further relates to a fiber composite material comprising resin in a crosslinked state as well as a method for producing the fiber composite material.

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

(22) Date of filing of Application :31/08/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: A MECHANIZED TEA LEAVES HARVESTING SYSTEM.

(51) International classification	:A01D	(71)Name of Applicant:
(31) international classification	46/00	1)DAS, RANJIT KUMAR
(31) Priority Document No	:NA	Address of Applicant :C/O LATE BALI RAM DAS,
(32) Priority Date	:NA	VILLAGE-URPUT, P.O. MANIARI TINIALI (MIRZA), DIST
(33) Name of priority country	:NA	KAMRUP(RURAL), ASSAM, PIN-781125, INDIA. Assam India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DAS, RANJIT KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a mechanized tea leaves harvesting device. More particularly, the present invention is directed to a wheel mounted self propelled engine powered tea harvester machine adapted to plucking and collecting tea leaves from plants as it moves over the tea plantation field with specified spacing of plantation of tea bushes. The plucked tea leaves are collected in a bucket for transportation to processing unit. The tea harvester device according to the present invention is a simple and cost effective means having a simple framed structure which runs on wheels in the tea garden over the tea bushes powered by an engine with a system of combination of chain sprocket drives adapted to automatically pluck tea leaves from the top of tea bushes at specified disposition in rows and columns and collect them in a container for transportation to processing unit, favouring improving productivity of tea harvesting with less manpower.

No. of Pages: 16 No. of Claims: 06

(21) Application No.2130/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: PLATE SHAPED GASKET AND SEAL 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 Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/JP2012/002475 :09/04/2012 :WO 2013/153570 :NA :NA	(71)Name of Applicant: 1)JAPAN METAL GASKET CO.LTD. Address of Applicant:3308 Aza Deguchi Mikajiri Kumagaya shi Saitama 3600843 Japan (72)Name of Inventor: 1)UETA Kosaku 2)OKANO Jun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In order to increase the amount of clearance capable holding a liquid gasket in a section where three surfaces are joined together and to improve the adhesion of the liquid gasket in said section where three surfaces are joined together an outer peripheral side bead (10) is extended so as to partition a region that opens toward the side of a chain case (40) and the outer peripheral side bead (10) is provided with an end surface side bead section (11) that extends toward said section where three surfaces are joined together. The end surface side bead section (11) has an enlarged section (11A) in which the space (S) on the back surface side of the projection of the bead becomes larger toward the end surface.

No. of Pages: 33 No. of Claims: 6

(21) Application No.2131/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: RHODIUM CATALYST AND METHOD FOR PRODUCING AMINE COMPOUND

(51) International :C07F9/50,B01J31/24,C07D471/04

classification (31) Priority Document No :2012072820

(31) Priority Document No :2012072820 (32) Priority Date :28/03/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/059191

Filing Date :28/03/2013

(87) International Publication :WO 2013/146987

(61) Patent of Addition to

Application Number :NA

Application Number Filing Date :NA

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

(57) Abstract :

(71)Name of Applicant:

1)TAKEDA PHARMACEUTICAL COMPANY LIMITED

Address of Applicant :1 1 Doshomachi 4 chome Chuo ku

Osaka shi Osaka 5410045 Japan

(72)Name of Inventor:
1)YAMANO Mitsuhisa
2)YAMADA Masatoshi
3)USUTANI Hirotsugu

[Problem] To provide: an excellent rhodium catalyst; and a method for producing an amine compound. [Solution] A rhodium complex in which a compound represented by the formula is coordinated.

No. of Pages: 186 No. of Claims: 10

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE FOR PROPELLING AND TURNING HULL

		(71)Name of Applicant:
		1)SONG Gyung Jin
(51) International	:B63H11/107,B63H25/10,B63H11/02	Address of Applicant :201 902 Booyoung Apt. 890 1 Inhu
classification	.b031111/107,b031123/10,b031111/02	dong 1 ga Deokjin gu Jeonju si Jeollabuk do 561 789 Republic of
(31) Priority Document No	:1020120069143	Korea
(32) Priority Date	:27/06/2012	2)SONG Young Sick
(33) Name of priority	Danielia of Vana	3)SONG Won Gi
country	:Republic of Korea	4)SONG Won Chan
(86) International	DCT/VD2012/005725	5)SONG Jung Sik
Application No	:PCT/KR2013/005635	6)SONG In Jung
Filing Date	:26/06/2013	7)CHAE Je Wan
(87) International	W/O 2014/002427	8)CHAE Heon
Publication No	:WO 2014/003427	(72)Name of Inventor:
(61) Patent of Addition to	.NT A	1)SONG Gyung Jin
Application Number	:NA	2)SONG Young Sick
Filing Date	:NA	3)SONG Won Gi
(62) Divisional to	NTA	4)SONG Won Chan
Application Number	:NA	5)SONG Jung Sik
Filing Date	:NA	6)SONG In Jung
2		7)CHAE Je Wan
		8)CHAE Heon
		-,

(57) Abstract:

The present invention relates to a device for propelling and turning a hull wherein the resistance acting on the stem of the hull is converted and the hull can be moved not only in the forward and backward directions but also in the left and right directions so as to improve the mobility and evasion capacity of the hull. The device for propelling and turning a hull comprises: a manifold arranged in the lengthwise direction in the lower portion of the hull so as to discharge the water introduced at the stem side toward the stern side; a propelling means the top of which is rotatably connected to the stern side end of the manifold the propelling means being arranged so as to jet water in a lateral direction; and a steering means which is rotatably coupled to the stern side end of the propelling means such that the steering means rotates the propelling means in a given direction by means of rotating force applied from an external source.

No. of Pages: 48 No. of Claims: 14

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : A METHOD AND DEVICE FOR DISPENSING LIQUID, CREAM, LOTION, GEL AND SEMI SOLIDS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K 8/00 :NA :NA :NA	(71)Name of Applicant: 1)SANBID GOLUI Address of Applicant:VILL UTTAR MAJU P.O. MAJU, P.S. JAGATBALLAVPUR, DIST HOWRAH - 711 414, WEST BENGAL West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. SANBID GOLUI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a device for liquid dispensing and in particular, this invention relates to a device for dispensing liquid like cosmetics like cream, lotion, gel etc which is having some density and viscosity. More particularly, this present invention relates to a device for dispensing liquid which create a pressure on the content and allow it to flow out from another predefined hole. Furthermore, this invention also relates to a device for dispensing liquid which has the beneficial effects of having, safety, reliability and advanced user experience.

No. of Pages: 14 No. of Claims: 9

(21) Application No.2180/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: STEEL STRIP CONTINUOUS ANNEALING FURNACE CONTINUOUS ANNEALING METHOD CONTINUOUS HOT DIP GALVANIZATION EQUIPMENT AND PRODUCTION METHOD FOR HOT DIP GALVANIZED STEEL STRIP

(51) International classification :C21D9/56,C21D1/26,C21D1/74 (71)Name of Applicant:

(31) Priority Document No :2012118116 (32) Priority Date :24/05/2012 (33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/003199

Filing Date :20/05/2013 (87) International Publication No: WO 2013/175758

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor: 1)TAKAHASHI Hideyuki

2)SATO Nobuyuki 3)NAKAZATO Kazuki 4)TAKADA Motoki

(57) Abstract:

Provided are a continuous annealing furnace and a steel strip continuous annealing method using this annealing furnace with which the dew point of the atmosphere in the furnace can be rapidly reduced to a level suitable for steady operation and with which a low dew point atmosphere in which problems such as the occurrence of pick up defects and furnace wall damage are suppressed can be stably achieved. A vertical annealing furnace is configured such that: a heating zone and a soaking zone are connected by a furnace upper section and except for a connected section therebetween are otherwise separated by a partition wall; and a portion of gas inside the furnace is sucked and introduced into a refiner which is provided outside the furnace and which has a deoxygenation device and a dehumidification device moisture and oxygen in the gas are removed to reduce the dew point and the gas having the dew point thereof reduced is returned to the inside of the furnace. Gas suction ports to the refiner are provided to a lower part of a soaking zone cooling zone connected section and are also provided to at least one place in the soaking zone and/or the heating zone excluding an area spanning from a steel strip introduction section of a heating zone lower part a distance of 6m or less in the vertical direction and a distance of 3m or less in the furnace length direction.

No. of Pages: 65 No. of Claims: 7

(21) Application No.2181/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : RAW EXTRACT OF A SECHIUM EDULE HYBRID METHOD FOR EXTRACTING SAME AND USE THEREOF FOR FORMULATIONS HAVING AN ANTINEOPLASTIC EFFECT

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date :MX/a/2 :28/03/2 :Mexico :PCT/M :14/03/2	4)CISNEROS SOLANO Victor Manuel MX2013/000031 5)SOTO HERNÁNDEZ Ramón Marcos
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(57) Abstract:

Sechiumule varvirens levisSechium edule var. amarus silvestrysSechiumedule var. nigrum spinosumThe present invention relates to a pharmaceutical composition that contains a raw extract of the H 387 07 GISeM hybrid which is a product of crossing the varieties: ed. with and the result with which has therapeutic activity as an antineoplastic agent said composition having an improved effect compared with its progenitors and also not having any side effects during the administration thereof.

No. of Pages: 18 No. of Claims: 11

(21) Application No.2183/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: INDOOR AIR CONDITIONER

(51) International classification (31) Priority Document No	:F24F13/20,F24F1/00 :2012066673	(71)Name of Applicant: 1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:23/03/2012	Address of Applicant :Umeda Center Building 4 12 Nakazaki
(33) Name of priority country (86) International Application No	:Japan :PCT/JP2013/053330	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan (72) Name of Inventor :
Filing Date	:13/02/2013	1)YASUTOMI Masanao
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2013/140895 :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A heat exchanger (13) which is heavy is supported by a first frame (17). The first frame (17) for supporting the heat exchanger (13) is affixed to an installation side wall (45) without using a second frame (27). The first frame (17) is configured by integrally forming a heat exchanger support part (17h) for supporting the heat exchanger (13) which is heavy with a mounting part (17d) to be directly affixed to the installation side wall (45). As a result compared to a case in which a frame for supporting a heavy object and a frame for affixation to the installation side wall (45) are formed separately it is possible to remove the weakness of a connection section for connecting the separate frames and increase the strength of the first frame (17).

No. of Pages: 19 No. of Claims: 3

(22) Date of filing of Application :10/01/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR DETERMINING ROAD CONDITIONS

(51) International classification	:G06F 7/00,G06F 17/00	(71)Name of Applicant: 1)BARON SERVICES, INC
(31) Priority Document No	:12/533,805	Address of Applicant :4930 RESEARCH DRIVE,
(32) Priority Date	:31/07/2009	HUNTSVILLE, AL 35805, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2010/044094	(72)Name of Inventor:
Filing Date	:02/08/2010	1)GALLAGHER, DANIEL, R.
(87) International Publication No	:WO 2011/014868	2)DREISEWERD, ROBERT, J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MCHENRY, JOHN, N.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A road data apparatus is disclosed that predicts road conditions comprising a land surface data generator which derives a land surface data output from a plurality of current and forecast weather and location data, said current and forecast weather and location data comprising surface temperature, subsurface temperature, and precipitation depth, a pavement data generator which derives a road temperature and a road condition from said land surface data output and a plurality of pavement generator input data, said plurality of pavement generator input data comprising road layer data; and a roadway status indicator generator which derives a roadway status indicator from said road temperature, road condition and precipitation data. In one embodiment, the roadway status indicator is communicated to an end user through a distribution network.

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

(22) Date of filing of Application :31/07/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: 1,2,4-TRIAZINE-4-AMINE DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:07/02/2011 : NA :NA	(71)Name of Applicant: 1)HEPTARES THERAPEUTICS LIMITED Address of Applicant: BioPark Broadwater Road Welwyn Garden City Hertfordshire AL7 3AX Great Britain U.K. (72)Name of Inventor: 1)CONGREVE Miles Stuart 2)ANDREWS Stephen Philippe 3)MASON Jonathan Stephen 4)RICHARDSON Christine Mary
11	:NA :NA	_ ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to the invention there is provided a compound of formula A1 which may be useful in the treatment of a condition or disorder ameliorated by the inhibition of the A1- A2b or, particularly, the A2a receptor wherein the compound of formula A1 has the structure, wherein, A represents Cy1 or HetA; Cy1 represents a 5- to 14-membered aromatic, fully saturated or partially unsaturated carbocyclic ring system comprising one, two or three rings, which Cy1 group is optionally substituted by one or more R4a substituents; HetA represents a 5- to 14-membered heterocyclic group that may be aromatic, fully saturated or partially unsaturated, and which contains one or more heteroatoms selected from O, S and N, which heterocyclic group may comprise one, two or three rings and which HetA group is optionally substituted by one or more R4b substituents; B represents a Cy2 or HetB; Cy2 represents a 3- to 10-membered aromatic, fully saturated or partially unsaturated carbocyclic ring system comprising one or two rings, which Cy2 group is optionally substituted by one or more R4c substituents; HetB represents a 3- to 10-membered heterocyclic group that may be aromatic, fully saturated or partially unsaturated, and which contains one or more heteroatoms selected from O, S and N, which heterocyclic group may comprise one or two rings and which HetB group is optionally substituted by one or more R4d substituents.

No. of Pages: 236 No. of Claims: 32

(21) Application No.2202/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMPONENT FOR A PLANETARY GEAR TRAIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:16/04/2013 :WO 2013/156463 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant:Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)KIESENBAUER Jens
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a component (1) for a planetary gear train. The component which is cast as one piece comprises a planetary carrier (2) and a hollow cast hollow shaft (3) arranged in a coaxial manner on said planetary carrier (2). The chamber (4) of the hollow shaft (3) is accessible through an opening (5) on at least one axial end (6) of the hollow shaft (3). On the outer periphery thereof the hollow shaft (3) supports at least one connecting element (7) suitable for forming a shaft hub connection.

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

(21) Application No.385/KOL/2005 A

(19) INDIA

(22) Date of filing of Application :10/05/2005 (43) Publication Date : 06/11/2015

(54) Title of the invention: HEIGHT-ADJUSTABLE SUPPORT FOR SEMITRAILERS OR THE LIKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B62D 53/06 :102004023749.2 :11/05/2004 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GEORG FISCHER VERKEHRSTECHNIK GMBH Address of Applicant: JULIUS-BUHRER-SRASSE 12, 78224 SINGEN, GERMANY (72)Name of Inventor: 1)REINHOLD RIEDL
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(57) Abstract:

The Invention relates to a height-adJustable support 10 for semitraliers 11 having a stationary outer support ji tube body 12 and an inner support tube 13, which u arranged In a longitudinally displaceable mannel therein The outer support tube body 12 is 01 trough-shaped design, the outer support tube body L having a V-shaped region 25 and the open region of the V-shaped region 25 being closed with a rear wallIS and therefore forming a gUlde channel for the inner SUppOJI tube 13 guided therein.

No. of Pages: 14 No. of Claims: 9

(21) Application No.547/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :16/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : COMPUTER-AIDED INTEGRATED EXAMINATION AND ASSIGNMENT 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 	:G09B 7/00 :14265359 :30/04/2014 :U.S.A. :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)WAY ON HO Address of Applicant:BLK 217,#14-315 BISHAN ST.23 SINGAPORE S570217,SINGAPORE (72)Name of Inventor: 1)HO,WAY ON
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(57) Abstract:

The present invention enables a teacher to author questions for examination and assignments so that students working the Internet or an Intranet can type their answers from their systems and submit for marks and feedbacks. For each question, teacher also provides standard answers which are coded. Once students submit their answers, their answers are compared against the standard answers and, after evaluation of each students response in relation to a teacher-authored standard answer, marks are awarded to the students and the system provides automatic feedback. The system further provides for re-analysis of students answer if satisfactory answers are not written by students and the students answer are compared against a database of wrong answers owing to misconception, logical problems etc. The present invention further provides for inclusion of alternative answers detected in students answer and sends such alternative answers to the examination/assignment originator for inclusion in the standard answer.

No. of Pages: 22 No. of Claims: 27

(21) Application No.2230/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: COMBINED STEEL WALL

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

(57) Abstract:

This combined steel wall (1) is formed by coupling: Z shaped steel sheet piles (2) each having a first and second flange part (3 7) respectively provided at either end of a web part (16) and having a first and second joint part (5 9) respectively provided at the end portion of the first and second flange part (3 7); and H shaped steel (4). The combined steel sheet wall (1) is characterized by: the flange part (37) of the H shaped steel (4) being arranged along the axial direction of the first and second flange part (3 7) of the Z shaped steel sheet piles (2); the Z shaped steel sheet piles (2) being arranged along the axial direction of the flange part (37) of the H shaped steel (4); and having a combination site in which a Z shaped steel sheet pile (2) H shaped steel (4) and a Z shaped steel sheet pile (2) are arranged in said order by directly coupling the first and second joint parts (5 9) of the Z shaped steel sheet piles (2) and the ends of the flange part (37) of the H shaped steel (4).

No. of Pages: 32 No. of Claims: 5

(21) Application No.2232/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR TREATING GYNECOLOGICAL DISEASES

(51) International classification :A61K31/57,A61K45/06,A61P15/00

(31) Priority Document No :61/614785 (32) Priority Date :23/03/2012

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

(86) International :PCT/IB2013/052274
Application No :22/03/2013

Filing Date :22/03/2013

(87) International Publication :WO 2013/140372

(61) Patent of Addition to

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

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

(71)Name of Applicant : 1)PREGLEM SA

Address of Applicant : Chemin du Pré Fleuri 3 Plan les Ouates

CH 1228 Geneva Switzerland

(72)Name of Inventor:

1)GOTTELAND Jean Pierre

2)BOUJAC Valérie 3)LOUMAYE Ernest

(57) Abstract:

The present invention relates generally to a combination for use in the treatment of gynaecological diseases and associated disabling symptoms thereof in a subject in need thereof said pharmaceutical combination for use comprising co administering a suitable pharmaceutical composition for oral administration comprising a first progesterone receptor modulator and a pharmaceutical composition suitable for vaginal and/ or intrauterine administration comprising a second progesterone receptor modulator.

No. of Pages: 40 No. of Claims: 38

(22) Date of filing of Application :21/08/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: DEVICE AND TECHNIQUE FOR THE MANUFACTURE OF PLASTIC BAGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B31B 19/64 :102007004244.4 :23/01/2007 :Germany :PCT/EP2008/050393 :15/01/2008 :WO 2008/090056 :NA :NA :NA	(71)Name of Applicant: 1)WINDMÖLLER & MÖLSCHER KG Address of Applicant: MÜNSTERSTRASSE 50, D-49525 LENGERICH Germany (72)Name of Inventor: 1)CHRISTIAN HÄGER 2)CHRISTIAN RUBBEL
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(57) Abstract:

The invention describes a device (1) for connecting at least two components of tubular pieces or bags (2,2) which contain plastic, by means of a sealing and/or gluing method, preferably in the production bags (2, 2) made of coated plastic textile. The device comprises a transport unit by means of which the bags (2,2) or tubular pieces can be transported in a direction of movement (z;, a heating unit (13,14) by means of which at least the surfaces of the at least two components to be connected can be heated to above the plastitication temperature, and a pressing unit (10,11,12; tor pressing both components together, said pressing unit connecting directly to the heating unit in the direct tion of movement of the tubular pieces. By means of the pressing unit, the at least two components can be brought in contact and/or pressed to gether as long as the surfaces thereof are still plasticized. A preheating unit (20; is provided with which a heated, gas-phase fluid can be applied to at least one of the at least two components of the bags (2,2) or tubular pieces, which can be heated to a temperature above the temperature of the surroundings and below the plastification temperature. Said preheating unit (20) is arranged in front of the heating unit (13,14) in the direction of movement (z) of the bags (2,2) or tubular pieces.

No. of Pages: 23 No. of Claims: 16

(21) Application No.IN/PCT/2000/376/KOL A

(19) INDIA

(22) Date of filing of Application :04/10/2000

(43) Publication Date: 06/11/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF THREO-1,2-EPOXY-3-AMINO-4-PHENYLBUTANE DERIVATIVES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Publication No Filing Date (52) Signature (CO7D 301/26 (CO7D 301/2	(71)Name of Applicant: 1)KANEKA CORPORATION Address of Applicant: 2-4, NAKANOSHIMA 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 5320-8288 Japan (72)Name of Inventor: 1)MAEHARA KATSUJI 2)TOKUDA YUKINORI 3)MURAO HIROSHI 4)UEDA YASUYOSHI
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(57) Abstract:

The present invention provides a production, method of high quality threo-l, 2 - epoxy- 3-amino- 4-phenylbu tane 5 derivatives (1) on a commercial scale in a simple, easy and efficient manner and with very high productivlt y, which comprises treating a threo-l-halo-2 hydroxy-3 amino-4-phenylbutane derivative (2) with a base in a polar organic solvent or a solvent composed of a polar organic solvent 10 and water, and adding the resulting reaction mixture to water to thereby cause the resulting threo-l, 2 - epoxy-3-amino_phenylbutane derivative (1) to crystallize Out.

No. of Pages: 35 No. of Claims: 43

(21) Application No.2139/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : AIR INLET AND AIR OUTLET OPENINGS FOR A VERTICAL BUSBAR SYSTEM ESPECIALLY FOR WIND POWER PLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02G5/10,F03D11/00,H02G3/04 :10 2012 206 076.6 :13/04/2012 :Germany :PCT/EP2013/053098 :15/02/2013 :WO 2013/152885	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)ALEFELDER Frank 2)HAAR Rainer 3)BERTELS Frank
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

The invention relates to a busbar system for the transport of electrical energy wherein the busbar system is in a vertical setup position the busbar system comprising at least one busbar and a cover surrounding the at least one busbar the busbar system being divided into elements each element having an inlet opening in a lower region of the housing and an outlet opening in an upper region of the housing and wherein the housing is substantially closed between the inlet opening and the outlet opening of each element.

No. of Pages: 24 No. of Claims: 15

(21) Application No.2267/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SURGE ARRESTER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application (71) Name of Applicant: (72) Name of Inventor: (72) Name of Applicant: (72) Name of Applicant: (72) Name of Applicant: (73) Name of Applicant: (74) Name of Applicant: (75) Name of Applicant: (76) Name of Applicant: (77) Name of Applicant: (78) Name of Applicant: (79) Name of Inventor: (79) Name of Invento	München
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

The invention relates among other things to a surge arrester (50) comprising at least one flange (10) having a blow out chute (15) wherein pressure can be relieved by means of a gas flow from the inside of the surge arrester (50) through the blow out chute (15) in the event of an overcurrent. According to the invention the surge arrester (50) has a deflecting cover (80) which has a lateral blow out opening (100) and deflects the gas flow and directs the gas flow from the inside of the surge arrester (50) in the direction of the blow out chute (15).

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

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR PROCESSING ROLLING STOCK AND ROLLING MILL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B21B37/16 :12166917.0 :07/05/2012 :EPO :PCT/EP2013/058279 :22/04/2013 :WO 2013/167366 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant:Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)FELKL Hans Joachim 2)MÜLLER Andreas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for processing rolling stock (6) in a rolling mill (2) comprising at least one roll stand (4) the method having the following steps: a) the actual value (I) of the hardness of the rolling stock (6) is determined from an observation value (B) at a preceding further roll stand (4a) before entry of the rolling stock (6) into the roll stand (4); and b) a control variable (S) for the roll stand (4) is preset on the basis of the actual value (I) in order to control the thickness of the rolling stock (6) after passage through the roll stand (4) to a setpoint value. The invention further relates to a rolling mill for performing the method according to the invention.

No. of Pages: 14 No. of Claims: 6

(21) Application No.2169/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: LAMINATED METAL SHEET AND CANNING CONTAINER FOR FOOD

(51) International :B32B15/09,B65D8/16,B65D65/40

classification :B32B15/09,B05D8/10,B05D05/4

(31) Priority Document No :2012095663
(32) Priority Date :19/04/2012
(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/059963

Filing Date :01/04/2013

(87) International Publication :WO 2013/157379

(61) Patent of Addition to
Application Number :NA

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

Filing Date

(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)NAKAGAWA Yusuke 2)KITAGAWA Junichi

4)TOBIYAMA Yoichi

3)YAMANAKA Yoichiro

(57) Abstract:

A laminated metal sheet comprises a metal sheet a first polyester resin layer and a second polyester resin layer wherein the first polyester resin layer contains 30 to 60 mass% inclusive of polyethylene terephthalate or copolymerized polyethylene terephthalate containing a copolymerization component at a content of less than 6 mol% and 40 to 70 mass% inclusive of polybutylene terephthalate the second polyester resin layer comprises copolymerized polyethylene terephthalate containing a copolymerization component at a content of less than 14 mol% each of the first and second polyester resin layers has a residual orientation degree of less than 20% and the thickness (X) of the first polyester resin layer and the thickness (Y) of the second polyester resin layer before processing fulfill a predetermined condition.

No. of Pages: 34 No. of Claims: 2

(21) Application No.3082/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: APPARATUS FOR DISINFECTING WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D21/00 :NA :NA :NA :NA :PCT/IT2010/000234 :28/05/2010 :WO/2011/148395 :NA :NA :NA	(71)Name of Applicant: 1)ISIA S.r.l. Address of Applicant: Via della Pila 29 I-30175 Marghera Venice Italy (72)Name of Inventor: 1)BASO Francesco
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(57) Abstract:

The present invention relates to an apparatus (A) for disinfecting water, comprising at least a reactor (1), having at least an outlet opening (14) and supplied by chemical compounds suitable to generating disinfecting and/or oxidizing products, and a conduct (4) supplied with a liquid for diluting said disinfecting and/or oxidizing products and suitable to introduce the obtained mixture within water to be disinfected, characterised in that said first reactor (1) is contained within said conduct (4) and in that it further comprises a first fluid extractor (2), provided close to said reactor (1) outlet opening (14).

No. of Pages: 14 No. of Claims: 11

(22) Date of filing of Application :11/08/2010 (43) Publication Date : 06/11/2015

(54) Title of the invention: ANTENNA APPARATUS AND TERMINAL 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 		(71)Name of Applicant: 1)HUAWEI DEVICE CO., LTD. Address of Applicant: BUILDING B2, HUAWEI INDUSTRIAL BASE, BANTIAN, LONGGANG DISTRICT, SHENZHEN, P.R. CHINA 518129 China (72)Name of Inventor: 1)LIANG, FENG
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An antenna apparatus includes an earphone socket, an internal frequency modulation (FM) antenna, and an FM chip. The earphone socket includes a first pin and a second pin, where the first pin is designed in a spring structure, and the second pin is designed in a non-spring structure. The first pin is connected to the FM chip, and the second pin is connected to the internal FM antenna. The first pin is configured to: connect to the audio cable of the earphone when the earphone is inserted in the earphone socket, and connect to the second pin when the earphone is not inserted in the earphone socket. A terminal device is also provided. With the invention, switching can be implemented between an internal FM antenna and an external antenna.



No. of Pages: 43 No. of Claims: 14

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: ELEVATOR CONVEYOR BELT WITH ADJUSTABLE SLOPE

(51) International classification	:B65G41/00	(71)Name of Applicant:
(31) Priority Document No	:MI2013A	1)COSTRUZIONI MECCANICHE CRIZAF S.P.A.
(31) Thomas Bocument 110	001705	Address of Applicant :VIA GRIEG, 15 21047 SARONNO (V
(32) Priority Date	:15/10/2013	ARESE) ITALY Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:NA	1)CRIBIU' LUCA
Filing Date	:NA	
(87) 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 elevator conveyor belt (10) with adjustable slope, suitable for moving semi-finished or finished products on different levels along production lines, comprising a supporting and stiffening frame (12) divided in at least two adjacent sections defined by a horizontal section (14) or load section arranged according to a horizontal plane and by an elevator section (16) arranged according to a sloped plane and a belt (28) tensioned between an opposed head end of the horizontal section (14) and a tail end of the elevator section (16) and slidably actuated by means of an electrical motor (25), the horizontal or load section (14) and the elevator section (16) being reciprocally hinged by means of a hinged connection (13) comprising mobile means suitable for ensuring a constant tensioning of the belt (28) with the change of the reciprocal slope between said sections.

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

(21) Application No.2197/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: GEARED MOTOR SERIES

:F16H57/033,F16D1/072 (71)Name of Applicant : (51) International classification (31) Priority Document No :12164440.5

(32) Priority Date :17/04/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/056050

:NA

Filing Date :22/03/2013 (87) International Publication No :WO 2013/156248

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

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72) Name of Inventor:

1)KUNERT Jens

(57) Abstract:

Filing Date

aRBB1B2The invention relates to a geared motor series comprising several motors with different dimensions which respectively comprise a motor shaft (1 5) provided with a receiving bore (2 6) on the free end thereof. The nominal outer diameters (D) of the motor shafts (1) of the individual motor dimensions are different from each other. Also comprising at least one plug in pinion (4) which comprises a pinion journal (3) the nominal outer diameter (DF) corresponding to the nominal diameter (DF) of one of the receiving bores (2 6) such that the push in pinion (4) can be fixed to the corresponding motor shaft (1 5) using a press assembly. The invention is characterized in that the nominal diameter (DF) of a receiving bore (2) of a motor shaft (1) of a motor of a first motor dimension corresponds to the nominal diameter (DF) of a receiving bore (6) of a motor shaft (5) of a motor of at least one other motor dimension such that the at least one push in pinion (4) can be fixed to motor shafts (1 5) of motors having different dimensions using a press assembly.

No. of Pages: 16 No. of Claims: 3

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: GEARED MOTOR SERIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16H57/033 :12164446.2 :17/04/2012 :EPO :PCT/EP2013/057818 :15/04/2013 :WO 2013/156446 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)KUNERT Jens
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2196/KOLNP/2014 A

(57) Abstract:

The invention relates to a gear motor series having two pinions with different numbers of teeth (z1a z1b) and several toothed wheels with different numbers of teeth (z2a z3a z4a) the pinions and the toothed wheels being designed such that each pinion in several predetermined axial distances (a) can be paired with one of the toothed wheels in order to form a first gear stage. According to the invention one individual toothed wheel is provided for each predetermined axial distance (a) which is embodied such that it can be optionally paired with the one pinion or with the other pinion to form a first gear stage.

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

(22) Date of filing of Application :24/09/2012 (43) Publication Date : 06/11/2015

(54) Title of the invention: PELLETIZING DEVICE AND METHOD

(51) International classification	:B01J19/18	(71)Name of Applicant:
(31) Priority Document No	:10 2010 013 096.6	1)HAVER ENGINEERING GMBH
(32) Priority Date	:29/03/2010	Address of Applicant :Poststraße 1 01662 Meißen Germany
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/001538	(72)Name of Inventor:
Filing Date	:28/03/2011	1)LAMPKE Jan
(87) International Publication No	:WO/2011/124336	2)SILGE Steffen
(61) Patent of Addition to Application	:NA	3)SCHURIG Gunther
Number		4)DELATOUR Vincent
Filing Date	:NA	5)WEYRAUCH Sandra
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a pelletizing device and method for pelletizing substances that can be pelletized, by means of a disk pelletizer that is tilted relative to the horizontal and that can be rotated, wherein the disk pelletizer is driven by means of a motor device. The disk pelletizer has a bottom and a side wall, wherein the effective height of the side wall can be varied. The side wall has an inner side wall device and an outer side wall device, wherein the inner side wall device is arranged in such a way that the height of the inner side wall device can be adjusted relative to the outer side wall device.

No. of Pages: 28 No. of Claims: 16

(21) Application No.2792/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :31/07/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: IRON-CARBOHYDRATE COMPLEX COMPOUNDS

(51) Intermedianal alequification	.COSD 27/00	(71) Nome of Applicant .
(51) International classification	:C08B 37/00	(71)Name of Applicant:
(31) Priority Document No	:07100803.1	1)VIFOR (INTERNATIONAL) AG.
(32) Priority Date	:19/01/2007	Address of Applicant :RECHENSTRASSE 37, 9001 ST.
(33) Name of priority country	:EUROPEAN	GALLEN Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2008/050387	1)REIM, STEFAN
Filing Date	:15/01/2008	2)GEISSER, PETER
(87) International Publication No	:WO 2008/087135	
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
<u> </u>	:NA	
(62) Divisional to Application Number		
Filing Date	:NA	

(57) Abstract:

The invention provides an iron-carbohydrate complex compound which is characterized by a content of iron(II). 5 The invention also provides processes for the preparation of the iron-carbohydrate complex compound and the use thereof for treatment of iron deficiency anaemias.

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

(21) Application No.2260/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: DATA TRANSMISSION USING SHARED UPLINK CONTROL CHANNEL RESOURCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W72/12 :NA :NA :NA :PCT/EP2012/057832 :27/04/2012 :WO 2013/159830 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)RUNE Johan 2)ERIKSSON Erik 3)SUSITAIVAL Riikka
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In data transmission between a mobile network (100 300) and a terminal device (200) an uplink control channel resource is allocated to the terminal device (200) and to at least one further terminal device (210). Further a shared identifier is assigned to both the terminal device (200) and the at least one further terminal device (210). Using the allocated uplink control channel resource the mobile network (100 300) receives a scheduling request from the terminal device (200). In response to receiving the scheduling request the mobile network (100 300) sends an uplink grant. The uplink grant is addressed by the shared identifier to the terminal device (200) and to the at least one further terminal device (210). Further the mobile network (100 300) receives uplink data from the terminal device (200) which is accomplished on uplink resources indicated by the uplink grant.

No. of Pages: 38 No. of Claims: 17

(21) Application No.2261/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/10/2014 (43) Publication Date: 06/11/2015

:NA

:NA

(54) Title of the invention : SIGNALING OF SEQUENCE GENERATOR INITIALIZATION PARAMETERS FOR UPLINK REFERENCE SIGNAL GENERATION

(51) International classification :H04L27/26,H04L1/00 (71)Name of Applicant : (31) Priority Document No :61/616866 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant :SE 164 83 Stockholm Sweden :28/03/2012 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/SE2013/050351 1)SORRENTINO Stefano Filing Date :28/03/2013 2)LINDQVIST Fredrik (87) International Publication No :WO 2013/147693 (61) Patent of Addition to Application :NA Number :NA Filing Date

(57) Abstract:

Filing Date

A base station initializes pseudo random sequence generators on which wireless devices base generation of uplink reference signals. The base station determines (100) a first sequence from a first subset of possible initialization sequences for a sequence generator of a first device and determines (110) a second sequence from a second subset of possible initialization sequences for a sequence generator of a second device. The range of this second subset spans at least the range of the first subset. The base station further encode (120) the first sequence as a first set of two or more parameters and encodes (130) the second sequence as a second set of one or more parameters. This second set includes at least one parameter not included in the first set and comprises fewer bits than the first set. The base station initializes (140) the sequence generators by transmitting the first and second sets of parameters to the devices.

No. of Pages: 46 No. of Claims: 37

(62) Divisional to Application Number

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : WIRELESS POWER TRANSMISSION SYSTEM AND WIRELESS POWER TRANSMISSION 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 	:H02J17/00 :2012074001 :28/03/2012 :Japan :PCT/JP2013/059107 :27/03/2013 :WO 2013/146929	(71)Name of Applicant: 1)FUJITSU LIMITED Address of Applicant: 1 1 Kamikodanaka 4 chome Nakahara ku Kawasaki shi Kanagawa 2118588 Japan (72)Name of Inventor: 1)UCHIDA Akiyoshi 2)OZAKI Kazuyuki
	1	1
Filing Date	:27/03/2013	1)UCHIDA Akiyoshi

(57) Abstract:

A wireless power transmission system comprises a plurality of power transmission devices and at least one power receiving device and performs wireless power transmission from the power transmission device to the power receiving device by using magnetic field resonance or electric field resonance. One of the plurality of power transmission devices is set as a master power transmission device and one of the other power transmission devices is set as a slave power transmission device. The master power transmission device is capable of performing power transmission in an optimal state by performing power transmission by controlling the plurality of power transmission devices and the at least one power receiving device.

No. of Pages: 108 No. of Claims: 11

(21) Application No.2174/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: WHEEL BEARING SEALING DEVICE

(51) International classification :F16C33/78,B60B35/18,F16C19/38

(31) Priority Document No :2012091875 (32) Priority Date :13/04/2012

(32) Priority Date :13/04/2(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/060989

No .FC1/JF2013

Filing Date :11/04/2013

(87) International Publication

:WO 2013/154170

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

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant: 1)NTN CORPORATION

Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku

Osaka shi Osaka 5500003 Japan

(72)Name of Inventor : 1)SEKI Makoto 2)BABA Tomoko

(57) Abstract:

[Aim] Provided is a wheel bearing sealing device that sets the optimum specification based on the tension force of a radial lip in a pack seal and improves the sealing performance in low temperature environments and muddy water environments. [Solution] The present invention comprises a seal plate (12) constituted by a seal member (15) bonded to a cored bar (14) through adhesion by vulcanization and a slinger (13) that includes a cylindrical portion (13a) and a vertical plate portion (13b) extending outward in the radial direction. The seal member (15) includes a side lip (15b) which extends outward at an angle in the radial direction and slides against the vertical plate portion (13b) via axial direction interference and a radial lip that is formed in a bifurcated shape on an inner diameter side of the side lip (15b) and is constituted by a grease lip (15c) and a dust lip (15d) slide contacting the cylindrical portion (13a) via radial direction interference. A garter spring (17) is mounted on the dust lip (15d) and the tension force is set to be 50% or higher of the entire tension force while the tension force in a state where there is no garter spring (17) is set to be at least 3N.

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

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : A SYSTEM FOR OPENING AND CLOSING OF SPOOL STOPPER PROVIDED IN THE BUCKET DISPOSED FOR COLLECTION OF SPOOL IN A COLD ROLLING MILLS

(51) I	D21D1/20	
(51) International classification	:B21B1/28	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001, INDIA Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. AMIT MUKHERJEE
(61) Patent of Addition to Application Number	:NA	2)MR. SHAHID HUSSAIN
Filing Date	:NA	3)MR. AFTAB AHMAD
(62) Divisional to Application Number	:NA	4)MR. ARIF MOHAMAD
Filing Date	:NA	

(57) Abstract:

A SYSTEM FOR OPENING AND CLOSING OF SPOOL STOPPER PROVIDED IN THE BUCKET DISPOSED FOR COLLECTION OF SPOOL IN A COLD ROLLING MILLS The invention relates to a system for opening and closing of spool stopper provided in the bucket disposed for collection of spool in a cold rolling mills. The said system comprising a lever (2) for moving the spool door for opening and closing. A pneumatic cylinder (5) is fixed on the spool bucket (6) for operating the spool rack arm or lever (2). A piston of the said cylinder is connected to the lever (2) for translating the motion of the piston to the motion of the lever (2) when the piston moving in the cylinder operates the lever (2) for closing and opening of spool bucket door (1) wherein the stroke length of the cylinder is made greater than outer diameter of spool.

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

(21) Application No.1037/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :04/08/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: BIOPSY MARKER DELIVERY DEVICE

(51) International classification(31) Priority Document No(32) Priority Date	:12/196301 :22/08/2008	TT ,
(33) Name of priority country(86) International Application No	:U.S.A. :NA	OH 45242 OHIO CORPORATION, UNITED STATES OF AMERICA U.S.A.
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)ANDREW P. NOCK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)RAMON RAMOS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A biopsy device for delivering a biopsy marker to a biopsy site is disclosed. The biopsy device can include a marker deployer having a unitary endpiece disposed in a distal end of the cannula. The distal endpiece can be a molded component which includes a distal tip, a marker deployment ramp, and a marker engaging element that aids in retaining the marker in the cannula until the marker is meant to be deployed.

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

(21) Application No.2248/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: IMAGE PROCESSING 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 	:H04N5/232,G06T1/00 :1020120046617 :03/05/2012 :Republic of Korea :PCT/KR2013/003817 :02/05/2013 :WO 2013/165196 :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)LEE Yong Gu
- 1	:NA :NA :NA	

(57) Abstract:

An image processing apparatus and method for regulating viewing image output of the image processor which processes motion and still images in a time divisional manner are provided. The image processing apparatus includes an image processor processing the viewing and still images in a time divisional manner a timing manager storing the viewing image processed by the image processor temporarily and outputting the viewing image at a preset time of a frame period and a controller controlling in response to a capture request the image processor to process the still image at a residual part of a current frame to be at a beginning part of a next frame and to process the buffered viewing image to be at the residual part of the next frame wherein the residual part of the next frame is a part which remains after processing the still image completely.

No. of Pages: 49 No. of Claims: 18

(22) Date of filing of Application :01/11/2010 (43) Publication Date : 06/11/2015

(54) Title of the invention : AN APPARATUS AND METHOD FOR PROCESSING A PLURALITY OF REAL-VALUED SUBBAND SIGNALS

(51) International classification:G10L 19/02(31) Priority Document No:0502049-0(32) Priority Date:16/09/2005(33) Name of priority country:Sweden

(86) International Application No :PCT/EP2006/008174
Filing Date :18/08/2006

(87) International Publication No :WO/2007/031171

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

(62) Divisional to Application Number :1129/KOLNP/2007 Filed on :02/04/2007 (71)Name of Applicant:

1)CODING TECHNOLOGIES AB

Address of Applicant : DOEBELNSGATAN 64, 113 52

STOCKHOLM, SWEDEN Sweden

:PCT/EP2006/008174 (72)**Name of Inventor :**

1)EKSTRAND, PER 2)VILLEMOES, LARS 3)PURNHAGEN, HEIKO

(57) Abstract:

The invention relates to an apparatus (210; 520) for processing a plurality of real-valued subband signals, the plurality of real-valued subband signals comprising a first real-valued subband signal and a second real-valued subband signal, to obtain a complex-valued subband signal, comprising: a multiband filter (204; 401; 600) for providing a real-valued intermediate subband signal based on filtering the first real-valued subband signal to obtain a first filtered subband signal and the second real-valued subband signal to obtain a second filtered subband signal and based on by combining the first filtered subband signal and the second filtered subband signal to obtain the real-valued intermediate subband signal; a calculator (215; 650) for providing the complex-valued subband signal by combining the real-valued subband signal from the plurality of real-valued subband signals as a real part of the complex-valued subband signal and a signal based on the intermediate subband signal as an imaginary part of the complex-valued subband signal; and a delayer (203; 610) for delaying the real-valued subband signal and for providing the real-valued subband signal to the calculator (215; 650) in a delayed form.



No. of Pages: 52 No. of Claims: 36

(22) Date of filing of Application :28/10/2011

(43) Publication Date: 06/11/2015

(54) Title of the invention: APPARATUS FOR PROVIDING ONE OR MORE ADJUSTED PARAMETERS FOR A PROVISION OF AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF A DOWNMIX SIGNAL REPRESENTATION, AUDIO SIGNAL DECODER, AUDIO SIGNAL TRANSCODER, AUDIO SIGNAL ENCODER, AUDIO BITSTREAM, METHOD AND COMPUTER PROGRAM USING AN OBJECT- RELATED PRARAMETRIC INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G10L 19/00 :61/173,456 :28/04/2009 :U.S.A. :PCT/EP2010/055717 :28/04/2010 :WO 2010/125104 :NA :NA :NA	(71)Name of Applicant: 1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant: HANSASTRAβE 27C, 80686 MUENCHEN, GERMANY Germany 2)DOLBY INTERNATIONAL AB 3)FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG (72)Name of Inventor: 1)JUERGEN HERRE 2)ANDREAS HOELZER 3)LEONID TERENTIEV 4)THORSTEN KASTNER 5)CORNELIA FALCH 6)HEIKO PURNHAGEN 7)JONAS ENGDEGARD 8)FALKO RIDDERBUSCH
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(57) Abstract:

An apparatus for providing one or more adjusted parameters for a provision of an upmix signal representation on the basis of a downmix signal representation and an object-related parametric information comprises a parameter adjuster. The parameter adjuster is configured to receive one or more input parameters and to provide, on the basis thereof, one or more adjusted parameters. The parameter adjuster is configured to provide the one or more adjusted parameters in dependence on the one or more input parameters and the object-related parametric information, such that a distortion of the upmix signal representation caused by the use of non-optimal parameters is reduced at least for input parameters deviating from optimal parameters by more than a predetermined deviation.

No. of Pages: 80 No. of Claims: 34

(21) Application No.1043/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: A DEVICE FOR SORTING AND PAIRING GARMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A41B11/00 :61/961,652 :21/10/2013 :U.S.A. :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 device for sorting garment comprising a plurality of garment, each tagged with a radio frequency identification (RFID) device encoded with a set of unique identification number for each matching pair, a loading unit adapted to receive and carry the garmett towards a base portion and a sorting unit adapted to transfer each garment from the base portion towards a RFID reader which records the unique identification number of a first garment and scans the RFID device of successive garments for a match and an outlet at the top portion of the sorting unit adapted to send out a garment if matched while dropping back the unmatched garment into the loading drum.

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

(21) Application No.2987/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011 (43) Publication Date: 06/11/2015

(54) Title of the invention: A COMPOSITION FOR TREATING CHRONIC AND ACUTE INFLAMMATORY SKIN **CONDITIONS**

(51) International classification :A61K 31/385 (31) Priority Document No :61/543,145 (32) Priority Date :10/02/2004 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/004113 (72)Name of Inventor : Filing Date :10/02/2005

(87) International Publication No :WO 2005/077056

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

(62) Divisional to Application Number :2432/KOLNP/2006

Filed on :28/08/2006 (71)Name of Applicant:

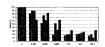
1)INTEGRATED BOTANICAL TECHNOLOGIES, LLC Address of Applicant: 23 SNOWDEN AVENUE OSSINING,

NEW YORK 10562-3218, U.S.A. U.S.A.

1)KOGANOV, MICHAEL M.

(57) Abstract:

The present invention comprises methods and compositions for the treatment and prevention of inflammatory conditions. The compositions comprise polymers and copolymers that are effective in modulating the activity of enzymes associated with inflammatory conditions. The methods comprise administration of effective amounts of such compositions to treat or prevent inflammatory conditions to sites of inflammation or potential inflammation.



No. of Pages: 36 No. of Claims: 4

(21) Application No.2214/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: EXHAUST GAS AFTERTREATMENT DEVICE AND ASSOCIATED PRODUCTION 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 	:10 2012 208 449.5 :21/05/2012 :Germany :PCT/EP2013/059783 :13/05/2013 :WO 2013/174668 :NA :NA	(71)Name of Applicant: 1)EBERSPÄCHER EXHAUST TECHNOLOGY GMBH & CO. KG Address of Applicant: Homburger Str. 95 66539 Neunkirchen Germany (72)Name of Inventor: 1)WIRTH Georg 2)MÜLLER Bernd
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing an exhaust gas aftertreatment device (2) which has at least one monolith (8) for exhaust gas aftertreatment in a housing (4) which is assembled from a jacket (5) that is closed in the circumferential direction and two end funnels (6) comprising the following steps of A: assembling and filling the housing (4) for which purpose the at least one monolith (8) is axially inserted into the jacket (5) together with at least one support mat (9) that encloses the at least one monolith (8) in the circumferential direction and for which purpose the funnels (6) are each inserted into the jacket (5) or placed onto the jacket (5) by means of an axial connecting section (10) shaped complementary to the cross section of the jacket (5) in such a way that each connecting section (10) and an axial end section (25) of the support mat (9) axially overlap B: calibrating the housing for which purpose the jacket (5) including the connecting sections (10) of the funnels (6) is reduced from a starting cross section (13) to an end cross section (15) in order to produce a predetermined radial preload in the at least one support mat (9) at least in a support area (16) extending from the one connecting section (10) to the other connecting section (10) in order to retain the at least one monolith (8) in the jacket (5).

No. of Pages: 31 No. of Claims: 14

(21) Application No.1049/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: STALL CONDITION DETECTION

(51) International classification	:B66B3/00	(71)Name of Applicant:
(31) Priority Document No	:13190064	1)KONE CORPORATION
(32) Priority Date	:24/10/2013	Address of Applicant :KARTANONTIE 1 00330 HELSINKI
(33) Name of priority country	:EPO	FINLAND Finland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HELVILÄ JARI
(87) International Publication No	: NA	2)LAITINEN JUKKA
(61) Patent of Addition to Application Number	:NA	3)STOLT LAURI
Filing Date	:NA	4)MARTONEN PETTER
(62) Divisional to Application Number	:NA	5)VALJUS PETTERI
Filing Date	:NA	6)KORVENRANTA SAKARI

(57) Abstract:

Stall condition in an elevator is potentially dangerous situation if it causes slack to the ropes of the elevator. In such situation a counterweight or elevator car does not move even if the hoisting machine is still operating. This situation may be prevented by stopping the elevator as early as possible after detecting such stall condition. The detection of the stall condition is based on monitoring the torque generated by the hoisting machine of the elevator. When rapid change in the torque is detected a stall condition is suspected. The elevator may be stopped or an alarm may be launched when the stall condition is suspected.

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

(21) Application No.2209/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: WHEEL BEARING APPARATUS

(51) International :F16C33/76,B60B35/02,F16C19/18 classification

:WO 2013/141319

:2012064296 (31) Priority Document No (32) Priority Date :21/03/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/058141

:21/03/2013 Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)NTN CORPORATION

Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku

Osaka shi Osaka 5500003 Japan

(72) Name of Inventor: 1)SUZUKI Syougo

2)FUKUSHIMA Shigeaki

3)TAKAKI Masuo 4)TAKADA Sadako 5)OHTSUKI Hisashi

[Problem] To provide a wheel bearing apparatus intended to improve detection precision and seal performance while increasing rigidity of a sensor cap to improve reliability. [Solution] A cup shaped inner side cap (15) is press fitted into the internal periphery of an end section of an outer member (2) the cap being press formed from a nonmagnetic austenitic stainless steel plate and being provided with: a cylindrical mating part (15a); a disk part (15c) extending in the radial direction from the mating part (15a) and facing a magnetic encoder (14) across a slight gap in the axial direction; and a bottom section (15e) extending in the radial direction from the disk part interposed by a bend section (15d) and covering the end section on the inner side of an inner member (1). A rotation speed sensor (21) abuts or lies proximal to the disk part (15c). A mating surface (20) is disposed facing the magnetic encoder (14) and is formed across a step (19a) on the end section inner periphery of the outer member (2) on the inner side of the inner side cap (15). A sensor cap (16) is press fitted to the mating surface (20) interposed by a predetermined amount of interference.

No. of Pages: 80 No. of Claims: 19

(21) Application No.3280/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :16/09/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: ATROPISOMER OF PYRROLE 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 Filing Date (62) Divisional to Application Number : N	2007-101938 09/04/2007 Tapan	(71)Name of Applicant: 1)DAIICHI SANKYO COMPANY LIMITED Address of Applicant:3-5-1 Nihonbashi Honcho Chuo-ku Tokyo 103-8426 Japan Japan (72)Name of Inventor: 1)Aoki Kazumasa 2)Tsuruoka Hiroyuki 3)Hayasi Noriyuki 4)Yoshida Juri 5)Asoh Yusuke
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(57) Abstract:

[Object] A prophylactic or therapeutic agent for a cardiovascular disease is provided. [Means for Resolution] An atropisomer of a compound represented by the following general formula (I): (wherein R1 is a C1-C3 alkyl group or a hydroxy-C1-C3 alkyl group; and R2 is a hydrogen atom or a C1-C3 alkoxy group). [Selected Drawing] None

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

(21) Application No.2233/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: EXTRACTING LENTICULES FOR REFRACTIVE CORRECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61F9/008 :13/454468 :24/04/2012 :U.S.A. :PCT/EP2012/002780 :28/06/2012 :WO 2013/159798 :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen Germany (72)Name of Inventor: 1)SEILER Theo 2)SKERL Katrin 3)KLENKE Joerg
11		3)KLENKE Joerg
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In certain embodiments refractive correction includes controlling a focus of pulsed laser radiation having ultrashort pulses. A channel is created with the pulsed laser radiation to facilitate separation of the lenticule from the eye. A posterior incision is created with the pulsed laser radiation to form a posterior side of the lenticule. An anterior incision is created with the pulsed laser radiation to form an anterior side of the lenticule.

No. of Pages: 19 No. of Claims: 21

(21) Application No.2234/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: SMART DELIVERY OF LI DATA IN EMERGENCY CONDITIONS

(51) International :H04L12/24,H04L12/833,H04L12/801 classification

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

:NA

(86) International :PCT/SE2012/050334 Application No

:26/03/2012 Filing Date

(87) International :WO 2013/147654 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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant: S 164 83 Stockholm Sweden

(72)Name of Inventor: 1)DAMORA Paolo 2) DE SANTIS Raffaele

3)FIORILLO Lorenzo

(57) Abstract:

The present invention relates to a method and an arrangement for maintaining a wanted Quality of Service transmission level of Lawful Interception (LI) payload data to a Law Enforcement Agency (LEA) via an HI3 interface in a LI system. Said data is acquired from an intercepted IP packet flow and belongs to one or more target identities using a specific Internet communications service. The method which is performed by said arrangement comprises a first step of monitoring the state of congestion of IP packets in the HI3 interface in relation to a first threshold level T1 and a second threshold level T2 wherein the first threshold level T1 corresponds to a lower level of congestion than the second threshold level T2 and a second step of controlling the transmission of LI payload data based on said monitoring and a priority classification assigned to the LI payload data to be transmitted.

No. of Pages: 53 No. of Claims: 20

(21) Application No.2235/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: AUTOMATED MANUAL TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1020120039559 :17/04/2012 :Republic of Korea	(71)Name of Applicant: 1)TENERGY Address of Applicant:906 5 Iui dongYoungtong gu Suwon si Gyeonggi do 443 270 Republic of Korea (72)Name of Inventor: 1)KIM Secheol
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an automated manual transmission comprising: a first gearshift unit (10) connected to the turbine of a torque converter connected to an engine and driven by the engine; a second gearshift unit (20) that includes an auxiliary input gear unit (30) and is connected to the impeller of the torque converter; and the auxiliary input gear unit (30). The first gearshift unit (10) increases or reduces the RPM of the power from the engine (1) transferred by means of the torque converter by a certain gear ratio and transmits the power to a drive wheel (50). The second gearshift unit (20) is directly coupled to the engine (1) and increases or reduces the RPM of the power from the engine (1) transferred by means of each gear by a certain gear ratio and transmits the power to a drive wheel (41). The auxiliary input gear unit (30) uses a clutch (32) to regulate an auxiliary gear (31) and a first input shaft (11) connected to an output shaft (40) and transmits the rotational force of the engine (1) to the drive wheel (50) by means of the auxiliary gear (31) and the clutch (32) while the first gearshift unit (10) or the second gearshift unit (20) are shifting gears.

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

(21) Application No.2228/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : COMBINATION OF A 6 OXO 1 6 DIHYDRO PYRIDAZINE DERIVATIVE HAVING ANTI CANCER ACTIVITY WITH OTHER ANTI TUMOR COMPOUNDS

(51) International classification :A61K31/506,A61K39/395,A61P35/00

(31) Priority Document No:12001847.8

(32) Priority Document No:12001847.8 (32) Priority Date :19/03/2012

(33) Name of priority :EPO

country

(86) International Application No :PCT/EP2013/000495

Filing Date :21/02/2013

(87) International Publication No :WO 2013/139423

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

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

(71)Name of Applicant:

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt Germany
(72)Name of Inventor:
1)BLADT Friedhelm
2)FRIESE HAMIM Manja

(57) Abstract:

A pharmaceutical composition of 3 (1 {3 [5 (1 Methyl piperidin 4 ylmethoxy) pyrimidin 2 yl] benzyl} 6 oxo 1 6 dihydro pyridazin 3 yl) benzonitrile or a pharmaceutically acceptable salt and/or solvate thereof in combination with compound selected from the group erlotinib cetuximab aflibercept bevacizumab.

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

(21) Application No.2229/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: THERMOMECHANICAL ROLLING OF AN ALUMINIUM PLATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/04/2013 :WO 2013/160162 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)KURZ Matthias 2)SCHMIDT Birger
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for reverse thermomechanically rolling an aluminium plate in a rolling process involving a plurality of rolling passes. In the method identifying data (4) are determined for thermally guiding the rolling process; a value of a state variable (3) from which a temperature of the aluminium plate can be deduced is continuously measured and a pass schedule (5) is determined for the rolling process on the basis of the value of the measured state variable (3) and of the identifying data (4). The pass schedule (5) provides for a rolling pause between at least two successive rolling passes during which rolling of the aluminium plate is interrupted for cooling purposes.

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :02/04/2003

(43) Publication Date: 06/11/2015

(54) Title of the invention : CIRCUIT ARRANGEMENT FOR THE STATIC GENERATION OF A VARIABLE ELECTRIC OUTPUT

(51) International classification	:H02J 3/18	(71)Name of Applicant :
(31) Priority Document No	:100 428 70.3	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:18/08/2000	Address of Applicant :18 AVENUE D'ALSACE, F-92400
(33) Name of priority country	:Germany	COURBEVOIE France
(86) International Application No	:PCT/DE2001/03161	(72)Name of Inventor:
Filing Date	:17/08/2001	1)VITHAYATHIL, JOHN
(87) International Publication No	:WO 2002/15362	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

(57) Abstract:

The novel circuit arrangement is used for the static generation of a variable electric output, as is common in static reactive-power compensation systems. According to the invention, a voltage is applied to a consumer, i.e. to a capacitor and/or an inductor, and a transformer (T) has at least two power-control windings (W1, W2) in a secondary circuit, said windings being connected electrically in series via bridge circuits (B1, B2). In their branches, the bridge circuits contain static switches (BSS1....4) in an inverse-parallel connection, said switches can be selectively connected or disconnected.

No. of Pages: 17 No. of Claims: 33

(21) Application No.2170/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/10/2014 (43) Publication Date: 06/11/2015

(54) Title of the invention: LAYING HEAD AND DEVICE AND METHOD FOR CONSTRUCTING A THREE DIMENSIONAL PREFORM FOR A COMPONENT MADE OF A FIBRE COMPOSITE

(51) International :B29C70/38,B29C70/54,B29B11/16

classification

(31) Priority Document No :10 2012 007 439.5 (32) Priority Date :13/04/2012 (33) Name of priority country: Germany

(86) International Application :PCT/EP2013/001056

No

:10/04/2013 Filing Date

(87) International Publication: WO 2013/152853

(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)COMPOSITENCE GMBH

Address of Applicant: Mollenbachstraße 25 71229 Leonberg

Germany

(72)Name of Inventor: 1)WITZEL Volker 2)KARB Ingo

(57) Abstract:

The invention relates to a laying head for producing fibre rovings and component preforms from fibres comprising an inlet (20e) which is adapted for inserting a plurality of dry rovings (33; R1 R2 etc.) a fibre conveying device (20f) for conveying rovings (33; R1 R2 etc.) introduced through the inlet (20e) in a fibre infeed direction (V) simultaneously and independently of one another an outlet (20a) which is arranged in the fibre infeed direction (V) downstream of the fibre conveying device (20f) and which is adapted for the simultaneous laying of a plurality of rovings (33; R1 R2 etc.) on a workpiece carrier (40) for constructing a three dimensional preform (31) a fibre cutting device (21 21i 21j) which is arranged in the fibre infeed direction (V) downstream of the fibre conveying device (20f) and upstream of the outlet (20a) and is adapted for cutting the rovings (33; R1 R2 etc.) and a nozzle (22 22i 22j) for attaching a medium to the rovings (33; R1 R2 etc.) wherein the nozzle (22 22i 22j) is adapted for applying the medium to two sides of the rovings (33; R1 R2 etc.) and for introducing the medium into the rovings (33; R1 R2 etc.).

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

(22) Date of filing of Application :11/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: METHOD FOR LOADING RAW MATERIAL INTO BLAST FURNACE

(51) International classification	:C21B5/00,C21B7/18	(71)Name of Applicant:
(31) Priority Document No	:2012113841	1)JFE STEEL CORPORATION
(32) Priority Date	:17/05/2012	Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
(33) Name of priority country	:Japan	ku Tokyo 1000011 Japan
(86) International Application No	:PCT/JP2013/003131	(72)Name of Inventor:
Filing Date	:16/05/2013	1)ICHIKAWA Kazuhira
(87) International Publication No	:WO 2013/172035	2)ISHII Jun
(61) Patent of Addition to Application	:NA	3)HIROSAWA Toshiyuki
Number	:NA	4)WATAKABE Shiro
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention can provide a method for loading material into a blast furnace in which ventilation of the interior of the blast furnace is maintained so that improved stability and thermal efficiency can be achieved during blast furnace operation even when mixing in a large amount of coke. This is achieved in the present invention by: sorting coke into coke lumps and small coke lumps and loading a furnace top bunker with the coke; sorting a raw ore material into raw ore material having a large particle size and raw ore material having a small particle size and loading a furnace top bunker with the raw ore material; subsequently discharging the coke lumps while simultaneously extracting the raw ore material having a large particle size; and discharging the small coke lumps while simultaneously extracting the raw ore material having a small particle size.

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

(21) Application No.2172/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : DEVICE FOR REMOVING AND METHOD FOR REMOVING POWDER ADHERING TO RAW MATERIAL FOR MANUFACTURED STEEL

(51) International classification :C22B1/00,B07B1/28,B07B1/46 (71)Name of Applicant : (31) Priority Document No 1)JFE STEEL CORPORATION :2012120732 (32) Priority Date :28/05/2012 Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda (33) Name of priority country ku Tokyo 1000011 Japan :Japan (86) International Application No: PCT/JP2013/003260 (72) Name of Inventor: Filing Date :22/05/2013 1)ENOEDA Seiji (87) International Publication No: WO 2013/179609 2)NISHINA Yoshiaki (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

No. of Pages: 31 No. of Claims: 11

^{1/21/2}A device for removing powder adhering to the surface of raw material for manufactured steel wherein the device from removing powder adhering to raw material for manufactured steel has an inclined screen the inclined screen vibrates at a half amplitude A and an angular velocity and the angular velocity is (g/A) to (3.3 g/A) inclusive.

(21) Application No.325/KOL/2005 A

(19) INDIA

(22) Date of filing of Application :18/04/2005 (43) Publication Date : 06/11/2015

(54) Title of the invention: SERIES & PARALLEL COMBINED DUAL POWER 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 Number 	:10/826,392 :19/04/2004 :U.S.A. :NA :NA	· · · · · · · · · · · · · · · · · · ·
(87) International Publication No (61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A series and parallel combined dual power system operates as a series combined power system, or as a parallel combined power system, the power from an engine directly drive the load, the system engages in the operation as the series combined power system incase of a light load, the load is driven by the engine in case of a normal load, an optional rechargeabee device is adapted to the system, either or both of a primary and a secondary dynamo-electric units functions as a motor on the power from the rechargeabee device to jointly drive the load with the power from the engine, and functions to provide power drive in case of a light load.

No. of Pages: 209 No. of Claims: 32

(22) Date of filing of Application :17/12/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: A HAMMER HAVING HIGH HARDNESS AND ITS PROCESS OF MANUFACTURE

(51) International classification	:C23C14/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(86) International Application No	:NA	Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)TRIPATHI BRAHM DEO
(61) Patent of Addition to Application Number	:NA	2)TIWARY RADHA KRISHNA
Filing Date	:NA	3)SUBRAMANIAN ALIAS BALAJI
(62) Divisional to Application Number	:NA	4)KUMAR SANDEEP
Filing Date	:NA	5)RAM AVTAR

(57) Abstract:

The present invention relates to developing a metal carbide-metal composite based hammerhead tip to ensure high hardness, strength and wear resistant properties. More particularly, the hammer head tip is adapted to crush coke, lime stone, slag etc. by impact wherein said composite comprising one or more metal carbides selected from CrC, WC, TiC, MoC,SiC,ZrC, preferably CrC, in metal matrix selected from one or more of Fe, Cr, Ni, Ti, Mo,Zr,AI,Si,B. The composite is suitable to be cast in mould of desired size and shape. The hammer arm is made of EN 19 grade steel, hardened and tempered to provide final hardness of 29-30RC and the base hammer head obtained of steel having C-1.3% Cr-2.3% and Mn-13% to provide hardness of 28-32Rc The precast hammer head tip is fused to top of precast hammer head and bolted for high strength, crushing 1.5 to 3 times more flux/coke. The metal carbide-metal based composite and its use in the hammer head tip is thus having prospects of wide scale application in steel industry.

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

(21) Application No.2241/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: SYNTHESIS OF 2 (3 4 DIFLUOROPHENYL)CYCLOPROPANAMINE DERIVATIVES AND 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 	:C07C209/56 :363/KOL/2012 :30/03/2012 :India :PCT/EP2013/056703 :28/03/2013 :WO 2013/144295 :NA :NA :NA	(71)Name of Applicant: 1)SANDOZ AG Address of Applicant:Lichtstrasse 35 CH 4056 Basel Switzerland 2)LEK PHARMACEUTICALS D.D. (72)Name of Inventor: 1)ZUPANCIC Borut 2)LUTHRA Parven Kumar 3)KHAN Rashid 4)NAIR Raji 5)DAS Tonmoy 6)GUDEKAR Sanket 7)SYED Aziz
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(57) Abstract:

The present invention relates to the field of organic synthesis and describes the synthesis of specific intermediates suitable for the preparation of triazolopyrimidine compounds such as ticagrelor.

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

(22) Date of filing of Application :24/03/2011

(43) Publication Date: 06/11/2015

(54) Title of the invention : A METHOD FOR INLET EDGE HARDENING OF HIGH RATING LP STAGE STEAM TURBINE BLADES USINIG TEMPERATURE CONTROLLED HIGH POWER DIODE LASER HARDENING PROCESS

(51) International classification :F01D5/1 (31) Priority Document No :NA (32) Priority Date :NA (33) Name 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	(71)Name of Applicant: 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant: REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA West Bengal India (72)Name of Inventor: 1)KRISHNARAO VENUGOPAL 2)VIVEK ARYA 3)KALYANKAR ARJUN 4)DITTAKAVI VENKATA VIDYASAGAR
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(57) Abstract:

The invention relates to a method for inlet edge hardening of LP stage high rating steam turbine blades in a temperature controlled high power diode laser hardening process, comprising: controlling laser power/scan speed to produce droplet erosion resistant hard layer by laser hardening at a temperature in the range of 1400-1700°C and scan speed of 1.5-2.00 mm to achieve hardness of about 540 HV up to a depth of about 1.4 mm.



No. of Pages: 15 No. of Claims: 5

(21) Application No.2254/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: FORCED COOLING IN STEAM TURBINE PLANTS

(51) International classification	:F01K13/02	(71)Name of Applicant:
(31) Priority Document No	:12166000.5	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:27/04/2012	Address of Applicant: Wittelsbacherplatz 2 80333 München
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2013/057964	(72)Name of Inventor:
Filing Date	:17/04/2013	1)RIEMANN Stefan
(87) International Publication No	:WO 2013/160164	2)ROTHE Klaus
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a turbine plant (3) in particular a steam turbine plant and to a method (100) for cooling a turbine plant (3) in particular a steam turbine plant. It is provided according to invention that for the cooling of the turbine plant (3) with a turbine (29) through which a process gas (15) flows in a flow direction (27) during operation a cooling medium (7) is drawn or blown (120) through the turbine (29) in or counter to said process gas flow direction (27) respectively and the turbine (29) is thereby cooled (130) by the cooling medium (7). According to the invention for this purpose a fan (6) may be coupled to a turbine inlet (4) or to a turbine outlet (5) by means of which fan the cooling medium (7 110) which is drawn into the turbine (29) through the turbine inlet (4) or through the turbine outlet (5) can be blown (120) through the turbine (29) in or counter to the process gas flow direction (27).

No. of Pages: 46 No. of Claims: 13

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention: EQUALIZATION OF STRIP PROPERTIES BY WIDTH DEPENDENT ROUGHED STRIP COOLING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B21B37/74,C21D11/00 :12165879.3 :27/04/2012 :EPO :PCT/EP2013/057973 :17/04/2013 :WO 2013/160166 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)WEINZIERL Klaus 2)WINTER Günther
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A metal strip (1) is roughed in a roughing mill (2) then cooled in a cooling device (3) and finally finish rolled in a finishing train (8) with multiple rolling stands (9). At the latest when the metal strip (1) runs into the cooling device (3) initial values of a first property of the metal strip (1) are recorded in a spatially resolved form in the direction of the width of the strip and are fed to a rolling model (20). By means of the rolling model (20) expected values of a second property of the metal strip (1) are determined for a location that lies at or behind the first rolling stand (9) of the finishing train (8) in a spatially resolved form in the direction of the width of the strip. The expected values depend on the respective initial values and on the respective activation values (S) of the cooling device (3). The activation values (S) of the cooling device (3) are determined by means of the rolling model (20) in a spatially resolved form in the direction of the width of the strip in such a way that the expected values are made to approximate desired values of the second property in a spatially resolved form in the direction of the width of the strip. The cooling device (3) is activated in a way corresponding to the determined activation values (S).

No. of Pages: 34 No. of Claims: 14

(21) Application No.3525/KOLNP/2009 A

(19) INDIA

(22) Date of filing of Application :09/10/2009 (43) Publication Date : 06/11/2015

(54) Title of the invention: PHOSPHORUS RECOVERY

(51) International classification(31) Priority Document No(32) Priority Date	:C01B 25/234 :0700698-4 :19/03/2007	(71)Name of Applicant: 1)EASYMINING SWEDEN AB Address of Applicant :BOX 322, 751 05 UPPSALA,
(33) Name of priority country	:Sweden	SWEDEN Sweden
(86) International Application No	:PCT/SE2008/050010	(72)Name of Inventor:
Filing Date	:04/01/2008	1)COHEN, YARIV
(87) International Publication No	:WO 2008/115121	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Phosphorous ions are extracted (210) from solutions by adsorbing phosphorous ions in a scavenger and by releasing the phosphorous ions into an eluate during regeneration (230) of the scavenger. The regeneration (230) is performed by ammonia. Phosphate anions are precipitated (262) in form of tri-ammonium phosphate upon introduction (260) of excess amounts of ammonia. The ammonia remaining in solution after the precipitation of tri-ammonium phosphate is reused (266) for regenerating the scavenger.

No. of Pages: 37 No. of Claims: 13

(22) Date of filing of Application :27/09/2010 (43) Publication Date : 06/11/2015

(54) Title of the invention : ADVANCED PROCESSING BASED ON A COMPLEX-EXPONENTIAL-MODULATED FILTERBANK AND ADAPTIVE TIME SIGNALLING METHODS

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
(31) G10L 19/008
(30) 10273-9
(30) 104/2003
(31) Sweden
(32) Priority Country
(33) Sweden
(34) Priority Country
(35) Priority Country
(36) International Application No
(37) Priority Country
(38) Priority Country
(39) Priority Country
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(31) Priority Country
(32) Priority Country
(33) Priority Count

Filing Date :30/04/2004
(87) International Publication No :WO 2004/097794

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

(62) Divisional to Application Number :1058/KOLNP/2007 Filed on :26/03/2007 (71)Name of Applicant:

1)CODING TECHNOLOGIES AB

Address of Applicant : DÖBELNSGATAN 64, S-113 52

STOCKHOLM, SWEDEN Sweden

(72)Name of Inventor: 1)ENGDEGÅRD, JONAS 2)VILLEMOES, LARS

(57) Abstract:

A synthesizer for generating a decorrelation signal using an input signal is operative on a plurality of subband signals, wherein a subband signal includes a sequence of at least two subband samples, the sequence of the subband samples representing a bandwidth of the subband signal, which is smaller than a bandwidth of the input signal. The synthesizer includes a filter stage (201) for filtering each subband signal using a reverberation filter to obtain a plurality of reverberated subband signals, wherein a plurality of reverberated subband signals together represent the decorrelation signal. This decorrelation signal is used for reconstructing a signal based on a parametrically encoded stereo signal consisting of a mono signal and a coherence measure.



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

(12)TATENT ALTERATION TODERCATION

(22) Date of filing of Application :27/09/2010

(21) Application No.3577/KOLNP/2010 A

(43) Publication Date: 06/11/2015

(54) Title of the invention : ADVANCED PROCESSING BASED ON A COMPLEX-EXPONENTIAL-MODULATED FILTERBANK AND ADAPTIVE TIME SIGNALLING METHODS

(51) International classification:G10L 19/008(31) Priority Document No:0301273-9(32) Priority Date:30/04/2003(33) Name of priority country:Sweden

(86) International Application No :PCT/EP2004/004607 Filing Date :30/04/2004

(87) International Publication No :WO 2004/097794

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

(62) Divisional to Application Number :1058/KOLNP/2007 Filed on :26/03/2007 (71)Name of Applicant:

1)CODING TECHNOLOGIES AB

Address of Applicant : DÖBELNSGATAN 64, S-113 52

STOCKHOLM, SWEDEN Sweden

(72)Name of Inventor : 1)ENGDEGÅRD, JONAS 2)VILLEMOES, LARS

(57) Abstract:

(19) INDIA

A synthesizer for generating a decorrelation signal using an input signal is operative on a plurality of subband signals, wherein a subband signal includes a sequence of at least two subband samples, the sequence of the subband samples representing a bandwidth of the subband signal, which is smaller than a bandwidth of the input signal. The synthesizer includes a filter stage (201) for filtering each subband signal using a reverberation filter to obtain a plurality of reverberated subband signals, wherein a plurality of reverberated subband signals together represent the decorrelation signal. This decorrelation signal is used for reconstructing a signal based on a parametrically encoded stereo signal consisting of a mono signal and a coherence measure.

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :03/05/2014 (43) Publication Date : 06/11/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR MAKING SELF SETTING SODIUM SILICATE BONDED SAND MOULD

(51) International classification :B220 (31) Priority Document No :NA (32) Priority Date :NA (33) Name 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	C1/18 (71)Name of Applicant: 1)DR. SATYA PRAKASH PANDA Address of Applicant: VIDYA VIHAR, GUNUPUR, DIST:RAYAGADA, 765022, ODISHA INDIA Orissa India 2)DR. CHANDRA DHWAJA PANDA 3)GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (72)Name of Inventor: 1)DR. RADHA RAMAN DASH 2)MR. SAUMYA PRAKASH MOHANTY 3)MISS PRIYANKA DUNGDUNG 4)MR. SUBHRANSU SEKHAR BARIK
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(57) Abstract:

In the present invention, a hardener has been developed to improve the strength of sodium silicate bonded sand moulds and cores instead of conventional process of hardening the moulds / cores with carbon dioxide. Argon oxygen decarburization furnace is used to produce stainless steel of austenitic, ferritic and martensitic grade. A slag is produced in each process of similar composition. Slag contains one of the phases namely dicalcium silicate. This ingredient is responsible for hardening sodium silicate bonded sand mould at room temperature and heating of the sand mould to develop strength is eliminated. Experiments have been conducted and the properties of the moulds particularly the strength of the moulds bonded with slag is well comparable to cement containing dicalcium silicate. Very interestingly, when the AOD slag is thermally activated by heating it to temperature 800-1200°C it can improve the strength of the mould quite appreciably. This improvement in strength is possibly due to the formation of Tricalcium silicate.

No. of Pages: 26 No. of Claims: 1

(22) Date of filing of Application :28/11/2011

(43) Publication Date: 06/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR PRODUCING A THREAD MADE FROM A PLURALITY OF INDIVIDUAL FILAMENTS, AND MONOFILAMENT THREAD PRODUCED IN THIS MANNER

(51) International classification :B29B 15/12 (31) Priority Document No :10 2009 019 500.9 (32) Priority Date :04/05/2009 (33) Name of priority country :Germany (86) International Application No :PCT/JP2010/056038 (72) Name of Inventor : Filing Date :04/05/2010 (87) International Publication No :WO 2010/128048 (61) Patent of Addition to Application :NA Number :NA Filing Date

:NA

:NA

(71)Name of Applicant: 1)FAISAL H.-J. KNAPPE Address of Applicant: FRIEDHOFSTRAßE 10, 97475 ZEIL AM MAIN, GERMANY Germany

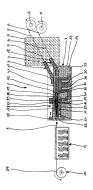
1)FAISAL H.-J. KNAPPE

(57) Abstract:

Filing Date

(62) Divisional to Application Number

The invention relates to producing threads that are suitable for further processing into textile fabrics and/or semi-finished products made from the threads, wherein the fabrics and products are characterized by high strength, simple numerical computability of mechanical load conditions and low resin consumption. To achieve this, the invention proposes a method for producing a thread which includes a plurality of individual filaments individually supported at a distance from one another and coated with a flowable resin which includes a solvent and can be crosslinked under the effect of at least one physical variable and/or one chemical substance. The coated individual filaments are subsequently compacted so that a composite is formed which includes the individual filaments and the resin continuously surrounding them and which is free of gas pockets. The solvent included in the resin is expelled from the composite during a drying process. Subsequently, the composite, presently a monofilament thread, is wound up in a non crosslinked state of the resin. All individual filaments are aligned unidirectionally during all steps of the method. The invention further relates to a device to perform the method and a monofilament thread produced with the device.



No. of Pages: 26 No. of Claims: 20

PUBLICATION U/R 84(3) IN RESPECT OF APPLICANTION FOR RESTORATION OF PATENT (DELHI)

Notice is hereby given that any person interested in opposing the following application for restoration of Patent under Section 61 of the Patent Act, 1970 may at any time within 2 months from the date of Publication of this notice, given notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patent Rules, 2003

PATENT NO.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
246488	THE GOVERNMENT OF THE U.S.A(U.S.A.)	A FLAVIVIRUS FOR USE IN VACCINE IN WHICH THE VIRAL RNA GENOME IS MODIFIED BY THE INTRODUCTION OF A MENU OF MUTATIONS AND USES THEREOF	01/06/2011	DELHI

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.

Sl. No.	PATENT NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1.	231885	Perlos OYJ	A mobile terminal device with a TV	13/12/2014	Mumbai
			antenna.		
2.	264367	PRS Mediterranean Ltd	UV resistant multilayered cellular	23/12/2014	Mumbai
			confinement system		
3.	259858	Gawande Avinash	Improved system to maintain coolant	28/03/2014	Mumbai
		Anandrao	steady state		

PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.

Patent No.	Applicants	Title	Date of Cessation	Appropriate Office
256468	NEELOTPAL SEN SARMA; NARENDRA NATH DASS; PRAFULLA CHETRI.	A WATER SOLUBLE POLYELECTROLYTE POLY-2-VINYL PYRIDINE HYDRIODIC ACID	12/12/2014	Kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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	189711	3509/DEL/1997	08/12/1997		A PROCESS FOR EXTRACTION OF AGREMONE ALKALOID DIHYDROSANGUINARINE FROM EDIBLE OIL	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH		DELHI
2	269625	3073/DELNP/2007	21/09/2005	24/09/2004	GROUND ENGAGING APPARATUS	CAPLOP PTY. LTD	31/08/2007	DELHI
3	269632	2901/DELNP/2004	02/04/2003	05/04/2002	A VIDEO PLAYBACK APPARATUS	THOMSON LICENSING S.A	09/10/2009	DELHI
4	269637	2035/DELNP/2004	21/12/2001	21/12/2001	A PLECTRUM FOR A STRINGED INSTRUMENT	LEONG, WENG, ONN	25/05/2007	DELHI
5	269638	2052/DELNP/2008	10/08/2006	10/08/2005	IDENTIFICATION AND ENGINEERING OF ANTIBODIES WITH VARIANT FC REGIONS AND METHODS OF USING SAME	MACROGENICS, INC.	04/07/2008	DELHI
6	269639	6152/DELNP/2006	22/04/2005	03/05/2004	A METHOD FOR DECRYPTING AN ENCRYPTED CONTENT AND A SYSTEM THEREOF	THOMSON LICENSING	06/11/2009	DELHI
7	269640	5956/DELNP/2006	01/10/2004	29/03/2004	POINT-TO-MULTIPOINT COMMUNICATION SYSTEM FOR REPAIRING DATA	NOKIA CORPORATION	22/06/2007	DELHI
8	269642	838/DEL/2009	22/04/2009 16:51:10		RECOMBINANT CHIMERIC FUSION PROTEIN AND PROCESS OF PREPARATION THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	05/11/2010	DELHI
9	269651	142/DELNP/2004	25/07/2002	27/07/2001	METHOD AND SYSTEM FOR CREATING A SUBSET OF PROGRAMMING CHANNELS	THOMSON LICENSING S.A.	24/06/2005	DELHI
10	269652	3230/DELNP/2010	18/04/2008	11/10/2007	AQUEOUS QUENCHING MEDIA AND USE THEREOF IN QUENCHING METAL SUBSTRATES	HOUGHTON TECHNICAL CORP.	05/11/2010	DELHI
11	269655	4965/DELNP/2008	30/11/2006	30/11/2005	AN ADENOVIRAL VECTOR COMPRISING A NUCLEOTIDE CONSTRUCT	COPENHAGEN UNIVERSITY	08/08/2008	DELHI

12	269658	3932/DELNP/2008	30/11/2006	02/12/2005	PROCESS FOR THE PREPARATION OF A POTASSIUM SALT OF PENICILLIN	DSM IP ASSETS B.V.	11/07/2008	DELHI
13	269659	2819/DEL/2008	12/12/2008 16:53:45		A COMPOSITION FOR SELECTIVELY ELIMINATING A MICROORGANISM OR A GROUP OF MICROORGANISMS FROM BIOLOGICAL SAMPLE •	INDIAN COUNCIL OF MEDICAL RESEARCH	25/06/2010	DELHI
14	269660	1511/DELNP/2011	29/11/2002	30/11/2001	APPARATUS FOR CRYSTALLIZATION OF POLYTRIMETHYLENE TEREPHTHALATE	LURGI ZIMMER GMBH	09/12/2011	DELHI
15	269663	2151/DELNP/2007	28/07/2003	30/07/2002	STENT COATING DEVICE	LABCOAT LTD.	03/08/2007	DELHI
16	269665	7961/DELNP/2006	29/06/2005	01/07/2004	PROCESS FOR THE PRODUCTION OF AN ABUSE- PROOFED SOLID DOSAGE FORM USING A PLANETARY-GEAR EXTRUDER	GRUNENTHAL GMBH	27/04/2007	DELHI
17	269668	1170/DELNP/2007	30/08/2005	31/08/2004	INTERFACE MODULE FOR USE WITH A FIELDBUS DEVICE NETWORK AND WITH INTERNET AND NON- INTERNET BASED PROCESS CONTROL NETWORKS	ROSEMOUNT, INC.	27/04/2007	DELHI
18	269673	715/DELNP/2007	11/08/2005	19/08/2004	PRODUCTION OF ISOPRENOIDS	DSM IP ASSETS B.V	27/04/2007	DELHI
19	269674	2244/DEL/2005	22/08/2005	29/09/2004	CRANKCASE VENTILATION SYSTEM	CATERPILLAR INC.	22/01/2010	DELHI
20	269675	7156/DELNP/2007	04/04/2006	08/04/2005	A SYSTEM FOR ENABLING A FIRST PARTY TO PROVIDE A SECOND PARTY WITH PERSONALIZED DIGITAL CONTENT	SIEMENS AKTIENGESELLSCHAFT	14/12/2007	DELHI
21	269676	3780/DELNP/2007	07/12/2005	10/12/2004	FRICTION-WELDED CONNECTION BETWEEN A SHEET METAL ELEMENT AND A ROTATION BODY	EJOT GMBH & CO. KG.	24/08/2007	DELHI
22	269678	376/DEL/2005	21/02/2005	05/07/2004	AN FE-BASED AMORPHOUS ALLOY RIBBON	HITACHI METALS, LTD	19/06/2009	DELHI
23	269680	1241/DELNP/2006	13/10/2004	17/10/2003	A GYPSUM WALLBOARD	GEORGIA-PACIFIC GYPSUM LLC	17/08/2007	DELHI
24	269682	976/DELNP/2006	18/09/2003	18/09/2003	DEVICE FOR THE TREATMENT OF FEMORAL FRACTIONS	SYNTHES GMBH	17/08/2007	DELHI
25	269683	7113/DELNP/2006	23/05/2005	24/05/2004	AN APPARATUS AND METHOD FOR DETERMINING A TIME DIFFERENCE BETWEEN FIRST AND SECOND CLOCK DOMAIN	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	24/08/2007	DELHI
26	269695	4861/DELNP/2007	21/12/2005	23/12/2004	ORAL CARE IMPLEMENT	COLGATE-PALMOLIVE COMPANY	17/08/2007	DELHI

27	269702	2656/DELNP/2010	30/10/2008	31/10/2007	FOAM STABILIZER FOR A STERILIZATION COMPOSITON	MUNDIPHARMA INTERNATIONAL LIMITED	20/01/2012	DELHI
28	269719	587/DEL/2006	07/03/2006		DIRECT OF VEGETABLE OILS IN ENGINE AND PARTICULARLY TO DIRECT USAGE OF VEGETABLE OILS IN DIESEL ENGINE	INDIAN INSTITUTE OF TECHNOLOGY, KANPUR	06/04/2007	DELHI
29	269720	2133/DEL/2006	27/09/2006		An Improved Pedal Mechanism	BHARAT BHUSHAN BEDI	30/03/2007	DELHI
30	269722	8590/DELNP/2007	28/04/2006	29/04/2005	METHOD AND APPARATUS FOR CONVERTING ORGANIC MATERIAL	ALTACA INSAAT VE DIS TICARET A.S.	27/06/2008	DELHI
31	269729	4068/DELNP/2008	20/10/2006	03/11/2005	TENSIONER	THE GATES CORPORATION	01/08/2008	DELHI
32	269731	2481/DEL/2006	16/11/2006	23/11/2005	FORM FITTING CONNECTION BETWEEN SPINDLES AND SPINDLE HOLDER OF SLV GEARS BY MATERIAL SHAPING FOR THE ABSORPTION OF THE CRASH LOADS REQUIRED FOR THIS APPLICATION	IMS GEAR GMBH	31/08/2007	DELHI
33	269760	3656/DELNP/2006	23/02/2004	23/02/2004	INTRAMEDULLARY NAIL	SYNTHES GmbH	24/08/2007	DELHI
34	269763	2265/DELNP/2006	29/10/2003	29/10/2003	DIFFUSED GAS AERATION APPARATUS	ANEMOS COMPANY LTD.	03/08/2007	DELHI
35	269765	6829/DELNP/2006	13/05/2005	15/05/2004	PERSONAL HEIGHT RESCUE APPARATUS	FALLSAFE LIMITED	17/08/2007	DELHI
36	269767	10112/DELNP/2007	20/06/2006	20/06/2005	AN ISOLATED POLYNUCLEOTIDE COMPRISING A CODING SEQUENCE THAT ENCODES A CHIMERIC POLYPEPTIDE	INSTITUT PASTEUR,CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	04/07/2008	DELHI
37	269779	6770/DELNP/2006	28/06/2005	01/07/2004	A METHOD OF MAKING AN ABSORBENT CELLULOSIC WEB BY RUSH- TRANSFERRING, DEWATERING, AND FABRIC- CREPING	GEORGIA-PACIFIC CONSUMER PRODUCTS LP	22/06/2007	DELHI
38	269782	9175/DELNP/2007	20/06/2006	22/06/2005	DIFFERENTIATION OF PRIMATE PLURIPOTENT STEM CELLS TO CARDIOMYOCYTE- LINEAGE CELLS	GERON CORPORATION	18/01/2008	DELHI
39	269784	1213/DELNP/2007	15/08/2005	16/08/2004	ROUTING OF MEDIA COMMUNICATION SERVICE	NOKIA CORPORATION	03/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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	269649	2019/MUM/2009	03/09/2009		LOCATION AWARE POLLUTION CONTROL METHOD AND SYSTEM FOR SHIPS	TOLANI MARITIME INSTITUTE	23/04/2010	MUMBAI
2	269654	2786/MUMNP/200 8	30/07/2007	01/08/2006	REAL-TIME CAPTURING AND GENERATING STEREO IMAGES AND VIDEOS WITH A MONOSCOPIC LOW POWER MOBILE DEVICE	QUALCOMM INCORPORATED	20/02/2009	MUMBAI
3	269657	2117/MUM/2006	22/12/2006		A SYSTEM FOR PROVIDING COMMUNICATION AND FEEDBACK BETWEEN MULTIPLE COMMUNICATION LAYERS IN A NETWORK	TATA CONSULTANCY SERVICES LTD.,INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	19/09/2008	MUMBAI
4	269662	952/MUMNP/2009	30/10/2007	01/01/1901	DERIVATIVES OF AZABICYCLO OCTANE, AS INHIBITORS OF DIPEPTIDYL PEPTIDASE IV	JIANGSU HANSOH PHARMACEUTICAL CO., LTD,SHANGHAI HENGRUI PHARMACEUTICAL CO.LTD	04/06/2010	MUMBAI
5	269703	638/MUMNP/2009	19/11/2007	17/11/2006	CONTENT ADDRESSABLE MEMORY •	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
6	269708	634/MUMNP/2009	24/09/2007	25/09/2006	METHOD FOR EFFICIENTLY GENERATING PRIVACY ADDRESSES •	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
7	269723	544/MUMNP/2009	11/10/2007	13/10/2006	VIDEO CODING WITH ADAPTIVE FILTERING FOR MOTION COMPENSATED PREDICTION	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
8	269740	2138/MUMNP/200 8	03/05/2007	08/05/2006	ISOMALTULOSE WITH IMPROVED FLOW PERFORMANCE	SUEDZUCKER AKTIENGESELL SCHAFT MANNHEIM/OCHSEN FURT	16/01/2009	MUMBAI
9	269742	1620/MUMNP/200 9	24/03/2008	23/03/2007	MULTI-SENSOR DATA COLLECTION AND/OR PROCESSING •	QUALCOMM INCORPORATED	30/04/2010	MUMBAI

10	269750	639/MUMNP/2009	20/11/2007	24/11/2006	SYSTEM AND METHOD FOR SENDING DESTINATION LOCATIONS TO NAVIGATION DEVICES •	QUALCOMM INCORPORATED	22/05/2009	MUMBAI
11	269751	32/MUM/2011	05/01/2011 14:46:52		AN ANAEROBIC DIGESTER ASSEMBLY	TATA CONSULTING ENGINEERS LIMITED	10/08/2012	MUMBAI
12	269768	551/MUM/2004	12/05/2004		A METHOD OF MAKING AN ARSENIC FREE FORMULATION FOR SUVARNA BHASMA •	NANO CUTTING EDGE TECHOLOGY PVT. LTD.	12/08/2005	MUMBAI
13	269773	553/MUMNP/2011	02/02/2009	22/09/2008	METHOD FOR COATING FOOD PRODUCTS •	XEDA INTERNATIONAL	29/06/2012	MUMBAI
14	269775	1507/MUM/2008	17/07/2008		A METHOD OF PREPARING MESENCHYMAL STEM CELLS FROM ADIPOSE TISSUE	SMT. G. R. DOSHI, SMT. K. M. MEHTA INSTITUTE OF KIDNEY DISEASES & RESEARCH CENTRE,DR. H. L. TRIVEDI INSTITUTE OF TRANSPLANTATION SCIENCES	22/01/2010	MUMBAI
15	269783	1840/MUMNP/201 0	04/02/2009	01/03/2008	IMPROVED ISOMALT- CONTAINING TABLETS AND METHODS FOR THE PRODUCTION THEREOF	SUEDZUCKER AKTIENGESELLSCHA FT MANNHEIM/PCHSENF URT	21/01/2011	MUMBAI
16	269785	444/MUMNP/2010	19/08/2008	28/08/2007	SUBSTITUTED PIPERAZINYL PYRAZINES AND PYRIDINES AS 5-HT7 RECEPTOR ANTAGONISTS •	ELI LILLY AND COMPANY	30/07/2010	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mb er	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)	Appropriat e Office
1	269626	762/CHE/2007	11/04/2007 15:47:03		A METHOD AND SYSTEM FOR PROVIDING ACCESS CONTROL & AUTOMATION FOR A REMOTE CLIENT DEVICE ACCESSING A VIRTUALIZED UNIVERSAL PLUG AND PLAY HOME NETWORK	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
2	269628	4627/CHENP/2008	02/02/2007	02/02/2007	A LUBRICANT DISPENSING SYSTEM	SPRAYING SYSTEMS CO.	13/03/2009	CHENNAI
3	269629	764/CHE/2010	22/03/2010 15:28:50	24/03/2009	A METHOD FOR DETECTING A KNOT IN A RUNNING YARN AND A KNOT DETECTOR FOR A RUNNING YARN	IRO AB	15/10/2010	CHENNAI
4	269630	2560/CHE/2007	07/11/2007 17:09:19		A METHOD FOR PROVIDING A SECONDARY CONTENT TO A TELEVISION DEVICE	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
5	269634	1476/CHE/2004	31/12/2004		METHOD OF REMOTE CALL DIVERTING IN A MOBILE PHONE	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	22/06/2007	CHENNAI
6	269635	2423/CHENP/2008	09/11/2006	16/11/2005	MANUFACTURE OF ESTERS	BASF SE	06/03/2009	CHENNAI
7	269636	3779/CHENP/2006	30/03/2005	13/04/2004	DYNAMIC DOSE CONTROL FOR COMPUTED TOMOGRAPHY	KONINKLIJKE PHILIPS ELECTRONICS N.V.	22/06/2007	CHENNAI
8	269641	528/CHE/2007	14/03/2007		METHOD AND SYSTEM FOR POLITE FLOOR RELEASE REQUEST FOR POC SESSION	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
9	269648	932/CHENP/2007	13/07/2005	04/09/2004	A SELF-DUMPING SEPARATOR WITH A DISC STACK	GEA MECHANICAL EQUIPMENT GMBH	24/08/2007	CHENNAI
10	269650	2235/CHENP/2009	15/10/2007	25/10/2006	A METHOD OF PRODUCING A COLOURED ENGINEERING PLASTIC BASED ON POLYAMIDE	BASF SE	02/04/2010	CHENNAI

11	269653	1774/CHENP/2008	11/10/2006	11/10/2005	BRASSIERE CONSTRUCTION USING MULTIPLE LAYERS OF FABRIC	INVISTA TECHNOLOGIES S.A.R.L.	26/12/2008	CHENNAI
12	269656	1789/CHENP/2007	22/07/2005	28/09/2004	EQUIPMENT FOR REGULATING ELECTRICAL VOLTAGE	MASCHINENFABRIK REINHAUSEN GMBH	31/08/2007	CHENNAI
13	269664	1263/CHENP/2009	31/08/2007	06/09/2006	BANDED FLEXIBLE PIPE COUPLING	VICTAULIC COMPANY	10/07/2009	CHENNAI
14	269667	1493/CHENP/2009	31/07/2007	16/08/2006	DOUBLE SPRAY-HEAD CAROUSEL WINDER	SMS GROUP GMBH.	26/06/2009	CHENNAI
15	269671	1123/CHENP/2009	29/08/2006	29/08/2006	VECTOR CONTROL DEVICE FOR ALTERNATING-CURRENT ELECTRIC MOTOR	MITSUBISHI ELECTRIC CORPORATION	29/05/2009	CHENNAI
16	269672	5952/CHENP/2007	19/06/2006	23/06/2005	A METHOD OF COMBINED EXCHANGE OF IMAGE DATA	KONINKLIJKE PHILIPS ELECTRONICS N. V	27/06/2008	CHENNAI
17	269677	5931/CHENP/2007	23/05/2006	23/05/2005	COATED POWER CYLINDER COMPONENTS FOR DIESEL ENGINES	FEDERAL-MOGUL CORPORATION	27/06/2008	CHENNAI
18	269684	5990/CHENP/2007	08/06/2006	16/06/2005	POLE BRIDGE FOR A BATTERY	DEUTSCHE EXIDE GmbH	03/07/2009	CHENNAI
19	269685	980/CHENP/2009	18/07/2007	24/07/2006	A TEMPERATURE- ADJUSTING DOOR IN AN AIR-CONDITIONER FOR VEHICLES	HALLA VISTEON CLIMATE CONTROL CORPORATION	29/05/2009	CHENNAI
20	269687	360/CHENP/2008	26/06/2006	22/07/2005	COMPACT GAS DRYER	SWEP INTERNATIONAL AB	19/09/2008	CHENNAI
21	269688	4271/CHENP/2007	26/04/2006	27/04/2005	SEALING COMPONENT DEFINING FIRST, SECOND, AND THIRD SEALS	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	21/12/2007	CHENNAI
22	269689	2564/CHE/2009	23/10/2009 14:46:15	09/12/2008	A KNOTTING APPARATUS	KARL MAYER TEXTILMASCHINENFAB RIK GMBH	18/06/2010	CHENNAI
23	269698	5636/CHENP/2009	21/01/2008	21/03/2007	A METHOD OF OPERATING A WIRELESS COMMUNICATIONS NETWORK INFRASTRUCTURE ENTITY	MOTOROLA MOBILITY, INC.	04/12/2009	CHENNAI
24	269699	891/CHENP/2008	16/08/2006	24/08/2005	III - NITRIDE LIGHT- EMITTING DEVICE WITH DOUBLE HETEROSTRUCTURE LIGHT- EMITTING REGION	PHILIPS LUMILEDS LIGHTING COMPANY, LLC	28/11/2008	CHENNAI
25	269704	3649/CHENP/2007	20/01/2006	21/01/2005	A PHARMACEUTICAL COMBINATION OF PYRAZOLE COMPOUNDS AND ANCILLARY AGENTS	ASTEX THERAPEUTICS LIMITED	16/11/2007	CHENNAI
26	269705	119/CHENP/2009	06/06/2007	09/06/2006	CATALYTIC HYDRODEOXYGENATION OF AN OXYGENATE FEEDSTOCK	ALBEMARLE NETHERLANDS B.V.	05/06/2009	CHENNAI
	H	II.	H.	1	II.	II.	II.	II.

27	269709	2142/CHE/2009	04/09/2009 15:13:40	04/09/2008	A LABELLING BOARD FOR TRANSPORT AND STORAGE CONTAINERS FOR LIQUIDS AND BULK MATERIAL	PROTECHNA S.A.	26/03/2010	CHENNAI
28	269710	1375/CHENP/2010	15/08/2008	10/09/2007	DEVICE FOR ADJUSTING THE DISTANCE OF A STRIPPER CHISEL	SMS Group GmbH.	13/08/2010	CHENNAI
29	269711	4081/CHENP/2008	05/01/2007	05/01/2006	HEAT SHIELD HAVING LOCATING AND RETENTION FEATURES	FEDERAL-MOGUL CORPORATION	13/03/2009	CHENNAI
30	269713	4358/CHENP/2008	16/01/2007	24/01/2006	CUP CONVEYOR AND HOLDER DEVICE FOR BEVERAGE DISPENSING MACHINES	RHEA VENDORS S.p.A.	13/03/2009	CHENNAI
31	269714	2290/CHE/2009	22/09/2009 15:52:28	25/09/2008	BATTERY ARRANGEMENT STRUCTURE OF MOTORCYCLE	HONDA MOTOR CO., LTD.	02/04/2010	CHENNAI
32	269715	5876/CHENP/2008	20/03/2007	29/03/2006	A FABRIC SLEEVE FOR PROTECTING ELONGATE MEMBERS AND A METHOD OF CONSTRUCTING A FABRIC SLEEVE	FEDERAL-MOGUL CORPORATION	27/03/2009	CHENNAI
33	269716	473/CHE/2007	08/03/2007 16:08:31	10/03/2006	MACHINE FOR TRIMMING THE FORE-EDGE OF BOOKS PROVIDED WITH A FLAPPED COVER	SCS AUTOMABERG S.N.C.	28/11/2008	CHENNAI
34	269717	346/CHE/2009	18/02/2009 11:50:13		A SCALABLE VLIW PROCESSOR FOR HIGH- SPEED VITERBI AND TRELLIS CODED MODULATION DECODING	SAANKHYA LABS PVT LTD	06/03/2009	CHENNAI
35	269721	2613/CHE/2009	28/10/2009 15:23:11	30/10/2008	REFRIGERATOR	KABUSHIKI KAISHA TOSHIBA ,TOSHIBA CONSUMER ELECTRONICS HOLDINGS CORPORATION,TOSHI BA HOME APPLIANCES CORPORATION	09/07/2010	CHENNAI
36	269724	4479/CHENP/2010	20/01/2009	21/01/2008	COLOURED POLYPROPYLENE COMPOSITION HAVING A HIGH CONTENT OF B- MODIFICATION	BOREALIS TECHNOLOGY OY	28/01/2011	CHENNAI
37	269725	1693/CHENP/2008	05/09/2006	06/09/2005	A PORTABLE PROXIMITY CONSUMER DEVICE FOR PERFORMING A CONTACTLESS COMMUNICATION OF SENSITIVE DATA	VISA U.S.A. INC.,VISA INTERNATIONAL SERVICE ASSOCIATION	26/12/2008	CHENNAI

38	269726	1056/CHENP/2008	02/08/2006	03/08/2005	INFORMATION OUTPUT DEVICE, MEDIUM, AND INFORMATION INPUT/OUTPUT DEVICE	GRID IP PTE.LTD	12/09/2008	CHENNAI
39	269727	185/CHENP/2007	30/06/2005	17/07/2004	HERBICIDAL COMPOSITIONS COMPRISING AN AMINO TRIAZINE	BAYER CROPSCIENCE AG	24/08/2007	CHENNAI
40	269728	4930/CHENP/2008	15/03/2007	17/03/2006	METHOD OF MAKING A LITHOGRAPHIC PRINTING PLATE	AGFA GRAPHICS NV	13/03/2009	CHENNAI
41	269730	1580/CHENP/2010	18/09/2008	19/09/2007	PROCESS FOR PRODUCING MOLTEN IRON	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	20/08/2010	CHENNAI
42	269732	1270/CHE/2006	21/07/2006 17:35:57	21/07/2005	PRODUCTION METHOD OF HIGHLY PURE PYROMELLITIC DIANHYDRIDE	MITSUBISHI GAS CHEMICAL COMPANY, INC.	15/06/2007	CHENNAI
43	269733	1555/CHENP/2009	19/09/2007	19/09/2006	TEMPLATED METAL OXIDE PARTICLES AND METHODS OF MAKING	3M INNOVATIVE PROPERTIES COMPANY	21/08/2009	CHENNAI
44	269735	1107/CHENP/2009	30/07/2007	28/07/2006	OFFLOADING CALL CONTROL SERVICES ACROSS NETWORKS OF DIFFERENT TYPES	TEKELEC, INC.	29/05/2009	CHENNAI
45	269738	1920/CHE/2009	13/08/2009 11:09:50		SUN AND LIQUID SHIELD SYSTEM	ANSON THEKKEKARA	11/09/2009	CHENNAI
46	269739	293/CHE/2005	21/03/2005		MINIMIZING PROBLEMS IN ACCESSING REFERRED CONTENT	ORACLE INTERNATIONAL CORPORATION	16/03/2007	CHENNAI
47	269746	4781/CHENP/2008	22/02/2007	10/03/2006	REFRIGERATING MACHINE OIL COMPOSITION	IDEMITSU KOSAN CO. LTD	13/03/2009	CHENNAI
48	269747	5058/CHENP/2007	25/04/2006	09/05/2005	DEVICE WITH PULL TAB ACTIVATION	KIMBERLY-CLARK WORLDWIDE, INC.	30/05/2008	CHENNAI
49	269749	3177/CHENP/2007	21/09/2005	21/12/2004	A TOOL FOR MANIPULATING A SAMPLE OF DEVELOPMENTAL CELLS IN PROCESS OF CRYOPRESERVATION	MCGILL UNIVERSITY	07/09/2007	CHENNAI
50	269752	5955/CHENP/2008	03/05/2007	04/05/2006	METHOD FOR PREPARING NANO-SCALE PARTICLE OF ACTIVE MATERIAL	BIO-SYNECTICS INC.,KIM, Kab, Sig	27/03/2009	CHENNAI
51	269753	5568/CHENP/2007	03/05/2006	04/05/2005	QUATERRYLENE COMPOUNDS	BASF AKTIENGESELLSCHA FT	28/03/2008	CHENNAI
52	269754	621/CHENP/2009	27/06/2007	06/07/2006	MOBILE WIRELESS TERMINAL DEVICE	SHARP KABUSHIKI KAISHA	05/06/2009	CHENNAI
53	269755	3900/CHENP/2007	27/01/2006	10/02/2005	PORTABLE X-RAY DETECTOR PLATE WITH SHOCK ABSORPTION	KONINKLIJKE PHILIPS ELECTRONICS N.V.	21/12/2007	CHENNAI

54	269756	2525/CHENP/2009	18/10/2007	14/11/2006	PROCESS FOR PRODUCTION OF GRANULAR METALLIC IRON AND EQUIPMENT FOR THE PRODUCTION	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	02/04/2010	CHENNAI
55	269757	2510/CHENP/2009	27/11/2007	27/11/2006	CONDUCTING ELECTRONIC COMMUNICATION	QUALCOMM INCORPORATED	02/04/2010	CHENNAI
56	269758	5371/CHENP/2008	09/04/2007	07/04/2006	AUTHENTICATION SERVICE FOR FACILITATING ACCESS TO SERVICES	DELL PRODUCTS L.P.	20/03/2009	CHENNAI
57	269761	2235/CHENP/2007	21/11/2005	24/11/2004	DECODING/DECRYPTING BASED ON SECURITY SCORE	KONINKLIJIKE PHILIPS ELETRONICS N.V.	07/09/2007	CHENNAI
58	269762	3633/CHENP/2007	16/02/2006	18/02/2005	A STRUCTURE COMPRISING A SEMICONDUCTOR LIGHT EMITTING LAYER	PHILIPS LUMILEDS LIGHTING COMPANY, LLC	16/11/2007	CHENNAI
59	269764	4501/CHENP/2009	30/01/2008	31/01/2007	A METHOD FOR RECOVERING ONE CORE EXCEPTION IN MULTI- CORE SYSTEM	MAIPU COMMUNICATION TECHNOLOGY CO., LTD.	18/09/2009	CHENNAI
60	269766	6390/CHENP/2008	20/04/2007	21/04/2006	FLUID CONTAINER AND AIRLESS FLUID DISPENSING SYSTEM USING THEREOF	SHINKO CHEMICAL CO., LTD.,TOKO YAKUHIN KOGYO KABUSHIKI KAISHA	27/03/2009	CHENNAI
61	269770	6133/CHENP/2008	11/04/2007	12/04/2006	FERROCENEDIPHOSPHINE S AND PROCESS FOR PREPARING THEM	SOLVIAS AG	27/03/2009	CHENNAI
62	269771	2897/CHENP/2008	09/11/2006	10/11/2005	A COMPOSITION COMPRISING AGROCHEMICAL AND PORPHYRINOGENIC ORGANOMETALLIC COMPLEX	YEDA RESEARCH AND DEVELOPMENT CO., LTD.	06/03/2009	CHENNAI
63	269772	5577/CHENP/2009	27/03/2008	28/03/2007	IM-BASED CUSTOMER SERVING SYSTEM, CUSTOMER SERVING METHOD AND TRANSFER SERVER	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	04/12/2009	CHENNAI
64	269774	1421/CHENP/2009	25/10/2007	25/10/2006	UNIFORM OUT-OF-SERVICE SEARCH FOR WIRELESS COMMUNICATION SYSTEMS	QUALCOMM INCORPORATED	26/06/2009	CHENNAI
65	269776	1505/CHE/2007	13/07/2007		METHOD FOR DISPLAYING TELEVISION PROGRAM ON A MOBILE DEVICE	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	21/08/2009	CHENNAI
66	269777	4809/CHENP/2007	27/04/2006	28/04/2005	LUBRICATING GREASE COMPOSITION	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V	25/01/2008	CHENNAI

67	269778	5001/CHENP/2007	03/05/2006	06/05/2005	ROLLER-BELT CONVEYOR FOR ACCUMULATING AND MOVING ARTICLES LATERALLY ACROSS THE CONVEYOR	LAITRAM, L.L.C.	27/06/2008	CHENNAI
68	269780	1647/CHENP/2007	11/10/2005	08/10/2004	PROCESSES FOR PREPARING OPTICALLY ACTIVE (S OR R)-β AMINO ACID AND OPTICALLY ACTIVE (R OR S)-β-AMINO ACID ESTER, AND β- AMINO ACID 2- ALKOXYETHYI ESTER AND OPTICALLY ACTIVE (S OR R)- β-AMINO ACID 2- ALKOXYETHYI ESTER	UBE INDUSTRIES LTD	31/08/2007	CHENNAI
69	269781	6905/CHENP/2008	16/05/2007	16/06/2006	DEVICE FOR THE ELECTROCHEMICAL PURIFICATION OF WATER	UHDE GmbH	27/03/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269631	1088/KOLNP/2010	29/09/2008	27/09/2007	ZNO VAPOR DEPOSITION MATERIAL, PROCESS FOR PRODUCING THE SAME, AND ZNO FILM	MITSUBISHI MATERIALS CORPORATION	30/07/2010	KOLKATA
2	269633	4069/KOLNP/2008	15/03/2007	16/03/2006	A METHOD FOR THE PREPARATION OF N- CARBAMOYLMETHYL-4- (R)-PHENYL-2- PYRROLIDINONE	AKCIJU SABIEDRIBA OLAINFARM	27/02/2009	KOLKATA
3	269643	4681/KOLNP/2010	30/06/2009	01/07/2008	ULTRAVIOLET CURABLE INKJET RECORDING INK AND COLOR IMAGE FORMING APPARATUS	RICOH COMPANY, LTD.	25/02/2011	KOLKATA
4	269644	3424/KOLNP/2007	15/02/2005	15/02/2005	RECEIVER AND RECEIVER CONTROL METHOD	TELEFONAKTIEBO LAGET LM ERICSSON (PUBL)	21/03/2008	KOLKATA
5	269645	483/KOL/2007	27/03/2007 14:56:55	30/03/2006	ENDOSCOPIC ANCILLARY ATTACHMENT DEVICES	ETHICON ENDO- SURGERY, INC	26/10/2007	KOLKATA
6	269646	3484/KOLNP/2008	16/10/2006	13/02/2006	SYSTEM AND METHOD FOR MEASURING WEIGHT OF PORTION OF HUMAN BODY	KURATA, TADAO,KURATA, SUMIKO	20/02/2009	KOLKATA
7	269647	3357/KOLNP/2008	28/02/2007	01/03/2006	INCAPACITY MONITOR	OPTALERT PTY LTD.	13/02/2009	KOLKATA
8	269661	239/KOLNP/2008	19/07/2006	19/07/2005	GASTRORETENTIVE FORMULATIONS AND MANUFACTURING PROCESS THEREOF	ETHYPHARM	19/09/2008	KOLKATA
9	269666	1458/KOL/2008	26/08/2008	28/09/2007	ELECTRO-MECHANICAL TRANSMISSION CONTROL SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
10	269669	1653/KOLNP/2007	07/10/2005	26/10/2004	EXTRUDER	BLACH VERWALTUNGS GMBH & CO. KG	17/08/2007	KOLKATA
11	269670	1126/KOLNP/2010	13/11/2008	25/01/2008	A METHOD OF PERFORMING HANDOVER BY A MOBILE TERMINAL FROM A SOURCE BASE STATION TO A TARGET BASE STATION	LG ELECTRONICS INC.	23/07/2010	KOLKATA

12	269679	1129/KOLNP/2010	05/09/2008	20/09/2007	A METHOD OF ALLOCATING RESOURCE- AREA IN WIRELESS ACCESS SYSTEM	LG ELECTRONICS INC.	16/07/2010	KOLKATA
13	269681	309/KOL/2008	20/02/2008 16:12:10	20/02/2007	A METHOD FOR ENCODING A VIDEO INPUT SIGNAL	VIXS SYSTEMS, INC.	17/04/2009	KOLKATA
14	269686	3244/KOLNP/2008	18/12/2006	13/01/2006	COMBINATION OF TRIAZINE DERIVATIVES AND INSULIN SENSITISERS	MERCK PATENT GMBH	13/02/2009	KOLKATA
15	269690	619/KOLNP/2009	10/08/2007	16/08/2006	METHOD FOR REMOVING SULPHATE AND HEAVY METALS FROM WASTE WATER	SIEMENS AKTIENGESELLSC HAFT	15/05/2009	KOLKATA
16	269691	4225/KOLNP/2007	03/05/2006	03/05/2005	COMMUNICATING CONTROL INFORMATION IN MOBILE COMMUNICATION SYSTEM	LG ELECTRONICS INC.	04/07/2008	KOLKATA
17	269692	343/KOLNP/2008	24/07/2006	25/07/2005	FUEL CELL SYSTEM WITH PARTIAL RECYCLING OF ANODE EXHAUST	BLOOM ENERGY CORPORATION	26/09/2008	KOLKATA
18	269693	2970/KOLNP/2009	13/03/2007	13/03/2007	METHOD FOR LIMITING DAMAGE TO A CONVERTER HAVING POWER SEMICONDUCTORS IN THE CASE OF A SHORT CIRCUIT IN THE DC VOLTAGE INTERMEDIATE CIRCUIT	SIEMENS AKTIENGESELLSC HAFT	09/07/2010	KOLKATA
19	269694	600/KOLNP/2008	15/07/2005	15/07/2005	AN ARRANGEMENT FOR PEAK-FIELD SUPPRESSION	TELEFONAKTIEBO LAGET LM ERICSSON (PUBL)	08/08/2008	KOLKATA
20	269696	625/KOLNP/2009	27/06/2008	11/07/2007	I .	RICOH COMPANY, LTD.	15/05/2009	KOLKATA
21	269697	2111/KOLNP/2007	11/01/2006	27/01/2005	A METHOD FOR MANUFACTURING A CUTTING INSERT GREEN BODY	ISCAR LTD.	07/09/2007	KOLKATA
22	269700	2517/KOLNP/2007	08/12/2005	08/12/2004	RESPIRATORY DEVICES AND METHODS OF USE	VENTUS MEDICAL, INC.	03/04/2009	KOLKATA
23	269701	4088/KOLNP/2007	17/05/2006	18/05/2005	PACKAGING OF INHALATION	BOEHRINGER INGELHEIM PHARMA GMBH & CO KG	04/07/2008	KOLKATA
24	269706	972/KOL/2006	25/09/2006	21/11/2006	A MULTI-SPEED TRANSMISSION WITH HIGH-LOW OUTPUT TORQUE TRANSMITTING MECHANISM AND GEAR SETS	GM GLOBAL TECHNOLOGY OPERATIONS, INC	18/07/2008	KOLKATA

25	269707	2380/KOLNP/2008	13/12/2006	15/12/2005	LIMITED SLIP DIFFERENTIAL AND ENGAGEMENT SENSING MECHANISM THEREFOR	EATON CORPORATION	23/01/2009	KOLKATA
26	269712	1204/KOL/2007	30/08/2007 16:33:47		GROWTH OF METAL/COMPOUND NANOTUBE ARRAYS	S N BOSE NATIONAL CENTRE FOR BASIC SCIENCES, KOLKATA	21/09/2007	KOLKATA
27	269718	1017/KOL/2008	11/06/2008	11/07/2007	AN IMPROVED MULTI- SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
28	269734	4072/KOLNP/2007	29/06/2006	30/06/2005	CELL-FREE GRAFT	BIOTISSUE AG	02/01/2009	KOLKATA
29	269736	1898/KOLNP/2009	04/12/2007	05/12/2006	PROCESSES FOR PREPARING (R)-8- CHLORO-1-METHYL- 2,3,4,5-TETRAHYDRO-1H- 3-BENZAZEPINE AND INTERMEDIATES THEREOF	ARENA PHARMACEUTICA LS, INC.	12/06/2009	KOLKATA
30	269737	124/KOL/2005	21/02/2005	20/02/2004	A SURGICALLY IMPLANTABLE ADJUSTABLE BAND HAVING A FLAT PROFILE WHEN IMPLANTED	ETHICON ENDO- SURGERY, INC.	17/11/2006	KOLKATA
31	269741	3017/KOLNP/2008	13/02/2007	14/02/2006	BEVELING MACHINE EASILY CONTROLLING EXTENT OF BEVEL	DAE SUNG GOLDEN TECHNOLOGY CO., LTD.	06/02/2009	KOLKATA
32	269743	507/KOL/2008	12/03/2008 15:50:08	29/03/2007	MULTIMEDIA CLIENT/SERVER SYSTEM WITH ADJUSTABLE DATA LINK RATE AND RANGE AND METHODS FOR USE THEREWITH	VIXS SYSTEMS INC.	17/04/2009	KOLKATA
33	269744	3147/KOLNP/2007	24/02/2006	24/02/2005	DEVICE FOR SUPPLYING FRESH AIR TO A TURBOCHARGED PISTON INTERNAL COMBUSTION ENGINE AND METHOD FOR OPEREATING THE SAME	KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH	28/12/2007	KOLKATA
34	269745	1520/KOLNP/2007	14/10/2005	14/10/2004	A COMPOSITION COMPRISING CROSSLINKED BURKHOLDERIA CEPACIA LIPASE CRYSTALS, ASPERGILLUS MELLEUS PROTEASE CRYSTALS, AND AMORPHOUS ASPERGILLUS ORYZAE AMYLASE	ALTUS PHARMACEUTICA LS, INC.	27/07/2007	KOLKATA

35	269748	2518/KOLNP/2008	29/11/2006	29/11/2005	METHOD FOR SPECIFIC AMPLIFICATION OF POLYNUCLEOTIDES	LEXOGEN GMBH	30/01/2009	KOLKATA
36	269759	1913/KOLNP/2007	24/11/2005	30/11/2004	CENTRIFUGAL FAN	SPAL AUTOMOTIVE S.R.L.	10/08/2007	KOLKATA
37	269769	1705/KOLNP/2007	14/10/2005	14/10/2004	SYRINGE WITH RETRACTABLE NEEDLE	SAFETY MEDICAL INTERNATIONAL, INC.	27/07/2007	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.

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Asstt. Controller of Patents & Designs passed an order on 30/10/2015 to dismiss the petition for cancellation filed by SRMB Udyog Limited, an Indian company, of 46, B.B. Ganguly Street, Kolkata – 700012, West Bengal, India on 10/11/2005 in respect of registered Design No. 198412 dated 07/02/2005 under class 25-01 titled as 'TMT Bar' in the name of Tribeni Industries Pvt. Ltd., an Indian Pvt. Ltd. Company of 89/1/2, Salkia School Road, Howrah – 711 106, W.B., India"

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	197610	02.11.2015
2.	256029	03.11.2015
3.	256218	03.11.2015
4.	256219	02.11.2015
5.	256220	02.11.2015
6.	256221	03.11.2015
7.	256357	02.11.2015
8.	258357	03.11.2015
9.	258358	03.11.2015
10.	258359	03.11.2015

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			2690)54		
CLASS	28-03					
	INGDO OFFICE					
DATE OF REGISTRATION			23/01/	2015		
TITLE		HANDLE (OF PREC	ISION TRIM	MER	
PRIORITY	·					
PRIORITY NUMBER		DATE		COUNTRY	7	
002507442-0001		23/07/2014		OHIM		
				•		
DESIGN NUMBER		2699	940			
CLASS		09-0	03			
1)SWAROVSKI AKTIENGES DROSCHISTRASSE 15, 9495						
DATE OF REGISTRATION		27/02/2015				
TITLE	PA	CKAGING BC	X WITH	LOCK		
PRIORITY						
PRIORITY NUMBER	DA	OATE COUNTRY			195 E	
002529248-0002	02/	/09/2014 OHIM				
						NO
DESIGN NUMBER		270134				
CLASS		15-06				
1)QUATTRO ENGINEERING 34-A, KAMARAJ ROAD, CO INDIAN COMPANY				ADU, INDIA	., AN	
DATE OF REGISTRATION		04/03/2015				H H
TITLE	BOBBIN ENCLOSURE FOR TEXTILE SPINNING MACHINE					
PRIORITY NA						

DESIGN NUMBER	271704	
CLASS	06-07	
	LIMITED, A COMPANY INCORPORATED IN PLACE OF BUSINESS AT	D. T.
DATE OF REGISTRATION		
TITLE	MIRROR	
PRIORITY NA		
DESIGN NUMBER	271896	
CLASS	05-05	
UNDER THE PROVISION OF COREGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	05/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	271934	
CLASS	05-05	
UNDER THE PROVISION OF COREGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	:	272539		
CLASS		16-01		
1)ELMO CO., LTD., A COME UNDER THE LAWS OF JAPA 6-14, MEIZEN-CHO, MIZUH	N, HAVING PLACE	OF BUSINI	ESS AT	
DATE OF REGISTRATION	04	4/06/2015	K	
TITLE	SURVEILLANCE	TELEVISIO	N CAMERA	
PRIORITY PRIORITY NUMBER	DATE	COUN		
D2014-27368	08/12/2014	JAPAN		
DESIGN NUMBER		25278		
CLASS		11-0		
1) DE BEERS CENTENARY A ALPENSTRASSE 5, 6000 LU				
DATE OF REGISTRATION		02/04/2		
TITLE		PENDA		
PRIORITY				A
PRIORITY NUMBER	DATE		COUNTRY	
002162214	06/01/201	06/01/2013 OHIM		
DESIGN NUMBER		27302		
CLASS		05-0	manimanna aran mananan	
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GID	COMPANIES ACT,	1956 HAVII	NG ITS	- ;

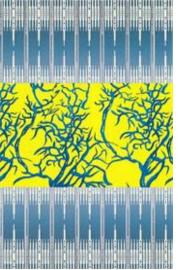
24/06/2015

TEXTILE FABRIC

PRIORITY NA

TITLE

DATE OF REGISTRATION



DESIGN NUMBER		266044	T	
CLASS		06-01	-	
1)MAN TRUCK & BUS AG, A GEI				
DACHAUER STRASSE 667, 80999				
DATE OF REGISTRATION	2	5/09/2014		
TITLE	VEH	HICLE SEAT	h d	
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002434571	27/03/2014	OHIM		
DESIGN NUMBER		272582		
CLASS		09-07		
1)HSIL LIMITED, AN INDIAN CO 2, RED CROSS PLACE, KOLKAT	A-700001, WEST BEN	•		
DATE OF REGISTRATION		5/06/2015 ITY SEAL CAP	The state of the s	
PRIORITY NA	SECURI	ITT SEAL CAI		
DESIGN NUMBER	NUMBER 271948			
CLASS	医基础外,并有区基础外,并			
1)SIDDHI VINAYAK KNOTS & P. UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	IPANIES ACT, 1956 I	HAVING ITS		
DATE OF REGISTRATION	0	06/05/2015		
TITLE				

DESIGN NUMBER						
CLASS			14-02			
1)NOKIA CORPORA KEILALAHDENTII			N, OF THE	E ADDRESS		
DATE OF REGISTRA	TION		28	3/03/2014		
TITLE			HA	ANDSET		
PRIORITY						
PRIORITY NUMBER			DATE	COUN	NTRY	
29/468576			01/10/2013	U.S.A		
DESIGN NUMBER CLASS 1)RATHI BARS LIM INCORPORATED UN ACT, 1956, NATIONA	DER '	THE INDIAN	NY N COMPANIES			
INCORPORATED UN ACT, 1956, NATIONA ADDRESS: A-24/7, MOHAN CO	LITY	:-INDIAN CO	OMPANY,	St. alle sons	LEAGUE A SONYOU	
ESTATE, NEW DELHI	-11004	14			T STATE OF THE STA	overe de allem en en en esta antidam, en place el fil dels recisions dende en plante en plante en plante el fi En en
DATE OF REGISTRATION		19/02/2	2015			
TITLE		IRON I	BAR			
PRIORITY NA						
DESIGN NUMBER			272612			
CLASS			25-01			
1)CHIRAG PAREKI KAMANI CHAMBI BALLARD ESTATE, M	ERS, 3	2, RAMJIBH	AI KAMANI MAR			
DATE OF REGISTRATION			08/06/2015			

TILE

TITLE

DESIGN NUMBER	202349
CLASS	09-05

1)PRACHIN AYURVEDIC SANSKRUTI PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES A

BARODA-JAMBUSAR N. HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	14/12/2005		
TITLE	PACKAGING TUBE		



PRIORITY NA

DESIGN NUMBER	271951
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

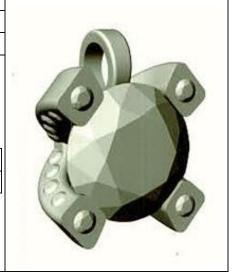
DESIGN NUMBER	252787	
CLASS	11-01	
1)DE REEDS CENTENADY AC OF THE ADDRESS		

1)DE BEERS CENTENARY AG, OF THE ADDRESS ALPENSTRASSE 5, 6000 LUZERN 6, SWITZERLAND

DATE OF REGISTRATION	02/04/2013
TITLE	PENDANT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002162206	06/01/2013	OHIM



DESIGN NUMBER	270613
CLASS	07-01
1)M/S. MARCO POLO S.R.L.; AN ITALIEN CORPORATION OF THE ADDRESS: VIA C., MARX, 8,	

06011 CITTA DI CASTELLO (PG), ITALY

DATE OF REGISTRATION 26/03/2015

DDIODIEN NA	
TITLE	CAKE STAND
DATE OF REGISTRATION	26/03/2015



PRIORITY NA

DESIGN NUMBER	262299
CLASS	12-16

1)FORD GLOBAL TECHNOLOGIES, LLC A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES, HAVING ITS OFFICE AT 330 TOWN CENTER DRIVE, SUITE 800, DEARBORN, MICHIGAN-48126, UNITED STATES OF AMERICA

DATE OF REGISTRATION		02/05/2014
TITLE	VEHICLE FR	ONT BUMPER COVER
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
3020130056872	06/11/2013	BRAZIL



 DESIGN NUMBER
 273025

 CLASS
 05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	24/06/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	266041
CLASS	06-01
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF	

DACHAUER STRASSE 667, 80995 MUNCHEN, GERMANY

DATE OF REGISTRATION	25/09/2014
TITLE	VEHICLE SEAT



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002434571	27/03/2014	OHIM

DESIGN NUMBER	271947
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



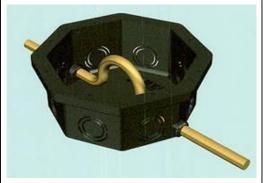
PRIORITY NA

DESIGN NUMBER	272339
CLASS	13-03

1)BHAGYA LAXMI INDUSTRIES, INDIAN PROPRIETORSHIP FIRM HAVING PRINCIPAL PLACE OF BUSINESS AT

PLOT NO. 71, BALAJI INDUSTRIAL AREA, MANDA DUNGAR, BHAVNAGAR ROAD, RAJKOT, GUJARAT, INDIA AND HAVING PROPRIETOR SMT. GAURIBEN JIVRAJBHAI PATEL, RESIDING AT OM, SHIVRANJANI PARK, B.H. RANCHHODDAS ASHRAM, KUVADVA ROAD, RAJKOT, INDIAN NATIONALS

DATE OF REGISTRATION	25/05/2015
TITLE	MODULAR BOX FOR ELECTRIC PURPOSE
PRIORITY NA	



DESIGN NUMBER	272579
CLASS	15-07

1)LG ELECTRONICS INC.

OF 20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150- 721, REPUBLIC OF KOREA.

DATE OF REGISTRATION	05/06/2015
TITLE	GRILL FOR REFRIGERATOR



PRIORITY NA

DESIGN NUMBER	268793	
CLASS	06-01	

1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT

CROPEXIUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY

DATE OF REGISTRATION	12/01/2015	
TITLE	SOFA	

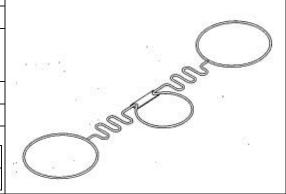


PRIORITY NA

29/503,969

DESIGN NUMBER	270676	
CLASS	14-02	
1)OHIO STATE INNOVATION FOUNDATION, OF 1524 HIGH STREET, COLUMBUS, OHIO-43201, U.S.A., A U.S. COMPANY		
DATE OF REGISTRATION	27/03/2015	
TITLE	RFID TAG	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

01/10/2014



U.S.A.

DESIGN NUMBER	269473
CLASS	15-03

1)1. SHIBIL SALAM. M, NATIONALITY-INDIAN, AGED 24 YRS, S/O. SHAKEEBUSSALAM, RESIDING AT DARUSALAM (H), MOORKANAD, URANGATTIRI POST, AREACODE, MALAPPURAM DISTRICT, PIN 673639, KERALA, INDIA; 2. SHAMIL SALAM. M, NATIONALITY-INDIAN, AGED 22 YRS, S/O. SHAKEEBUSSALAM, RESIDING AT

DARUSALAM (H), MOORKANAD, URANGATTIRI POST, AREACODE, MALAPPURAM DISTRICT, PIN 673639, KERALA, INDIA

DATE OF REGISTRATION	10/02/2015
TITLE	COCONUT TREE CLIMBING EQUIPMENT



PRIORITY NA

DESIGN NUMBER	271293	
CLASS	08-01	

1)NEOZ ENERGY PVT. LTD.

A COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING ADDRES AT C-219, B.S.ROAD INDUSTRIAL AREA, GHAZIABAD 201 009, U.P., INDIA

DATE OF REGISTRATION	09/04/2015		
TITLE	CENTRALIZER FOR WELLBORE		



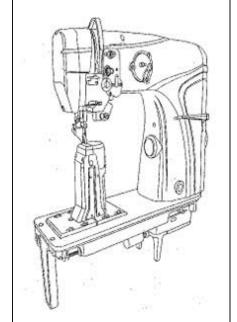
PRIORITY NA

DESIGN NUMBER	272752	
CLASS	15-06	

1)CHEN, JUI WEN

NO. 33, LANE 379 CHUNG HWA ROAD, SHULIN DISTRICT., NEW TAIPEI CITY 238, TAIWAN (R.O.C.)

DATE OF REGISTRATION	15/06/2015		
TITLE	SEWING MACHINE		



DESIGN NUMBER	202482
CLASS	09-01

1)FRENCH COSMETICS PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956

BARODA-JAMBUSAR N.HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	16/12/2005		
TITLE	CONTAINER WITH CAP		



PRIORITY NA

DESIGN NUMBER	271920		
CLASS	05-05		

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015		
TITLE	TEXTILE FABRIC		



PRIORITY NA

DESIGN NUMBER	271960		
CLASS	05-05		

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015		
TITLE	TEXTILE FABRIC		



DESIGN NUMBER		272093	
CLASS		12-16	
1)AUDI AG, A JOINT STOCK LAW OF AUTO-UNION-STR. 1, D-8504			MAN
DATE OF REGISTRATION		13/05/2015	
TITLE	VEHI	CLE WHEEL RIM	CON 1
PRIORITY	·		
PRIORITY NUMBER	DATE	COUNTRY	
002579201-0002	17/11/2014	ОНІМ	
DESIGN NUMBER	2	52790	SHAM PARK BOLL SAME SHOOK WHEN
CLASS		11-01	
1)DE BEERS CENTENARY AC ALPENSTRASSE 5, 6000 LUZ	G, OF THE ADDRESS	S	
DATE OF REGISTRATION	02/	04/2013	
TITLE	EA	RRING	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002162206	06/01/2013	ОНІМ	
DESIGN NUMBER		273044	
CLASS		05-05	***************************************
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF C REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC DATE OF REGISTRATION	OMPANIES ACT, 19	956 HAVING ITS	STERED
TITLE	TI	EXTILE FABRIC	***************************************
PRIORITY NA			

DESIGN NUMBER	266047		
CLASS		06-01	
1)MAN TRUCK & BUS AG, A G DACHAUER STRASSE 667, 80			
DATE OF REGISTRATION	25	5/09/2014	
TITLE	VEH	IICLE SEAT	Y
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002434571	27/03/2014	OHIM	
DESIGN NUMBER 207449 CLASS 09-03 1)NOBEL BIOCARE SERVICES AG, A SWISS COMPANY,			
DATE OF REGISTRATION	OF POSTFACH, CH-8058 ZURICH, FLUGHAFEN, SWITZERLAND DATE OF REGISTRATION 04/06/2006		
TITLE		BOX	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
000538921-003	04/06/2006	OHIM	
DESIGN NUMBER	269	9682	
CLASS	12-16		
1)TATA MOTORS LIMITED, A BOMBAY HOUSE, 24 HOMI M 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	19/02/2015		
TITLE	TOOL FOR REMOVING EXHAUST RUBBER		

HANGERS OF VEHICLE

DESIGN NUMBER	272659
CLASS	12-16

1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW

OF AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY

DATE OF REGISTRATION	10/06/2015
TITLE	VEHICLE WHEEL RIM



1111011111			
PRIORITY NUMB	BER	DATE	COUNTRY
002595306-0003		11/12/2014	OHIM



DESIGN NUMBER	202476
CLASS	09-05

1)FRENCH COSMETICS PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956

BARODA-JAMBUSAR N.HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	16/12/2005
TITLE	TUBE CONTAINER



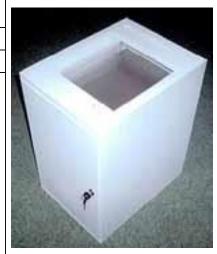
PRIORITY NA

DESIGN NUMBER	202806
CLASS	06-04

1)BP ERGO LIMITED,

DGP HOUSE, 3RD FLOOR, 88-C, OLD PRABHADEVI ROAD, MUMBAI-400 025, MAHARASHTRA STATE, INDIA,

DATE OF REGISTRATION	17/01/2006
TITLE	STORAGE UNIT



DESIGN NUMBER	271914	
CLASS	05-05	
UNDER THE PROVISION OF CON REGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERE MPANIES ACT, 1956 HAVING ITS ANDESARA, SURAT-394221 GUJARAT	D
DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	269021	
CLASS	09-01	
GUJARAT, INDIA DATE OF REGISTRATION TITLE	21/01/2015 BOTTLE	
	BOTTLE	
PRIORITY NA		
DESIGN NUMBER	271930	
CLASS	05-05	5 * 6 * 6 * 6 * 6 * 6 * 6 * 6 * 6 * 6 *
ITS REGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY VISION OF COMPANIES ACT, 1956 HAVING ANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	06/05/2015	4 4 4 4 4 4 4 4
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	272507
CLASS	05-05

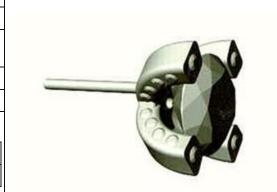
A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	03/06/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	2	52789	
CLASS	11-01		
1)DE BEERS CENTENARY AG, OF THE ADDRESS ALPENSTRASSE 5, 6000 LUZERN 6, SWITZERLAND			
DATE OF REGISTRATION	02/04/2013		
TITLE	EARRING		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002162206	06/01/2013	OHIM	

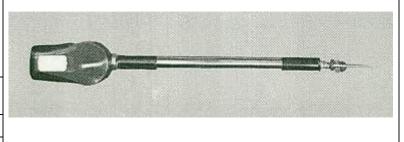


DESIGN NUMBER	271603	
CLASS	24-02	
4) GOT ANIZE GATIDATE AND GOT ANIZEDENIE		

1)SOLANKI GAURAV AND SOLANKI RENU, NATIONALITY-INDIAN

C/O LATE SH. RAJENDRA SINGH SOLANKI, BARLON KA CHOWK, NEAR CHAWADA NIWAS, JODHPUR-342002 (RAJASTHAN)

DATE OF REGISTRATION	22/04/2015
TITLE	DENTAL EXPLORER
PRIORITY NA	



DESIGN NUMBER	273031
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	24/06/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	266045	
CLASS	06-01	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY		
DATE OF REGISTRATION	25/09/2014	

Dille of Heologianion	20,03,201
TITLE	VEHICLE SEAT



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002434571	27/03/2014	OHIM

DESIGN NUMBER	272597
CLASS	08-06
1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS: AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA	
DATE OF DECICEDATION	05/07/2015

DATE OF REGISTRATION	05/06/2015
TITLE	MORTISE HANDLE
PRIORITY NA	



DESIGN NUMBER	271949
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



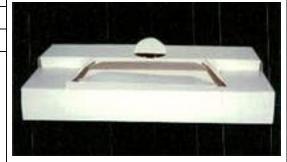
PRIORITY NA

DESIGN NUMBER	269937
CLASS	09-03

1)TCPL PACKAGING LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

SHIV SMRUTI, 49 DR. ANNIE BESANT ROAD, WORLI, MUMBAI-400018, MAHARASHTRA

DATE OF REGISTRATION	27/02/2015
TITLE	PACKGING FOR FOOD



PRIORITY NA

DESIGN NUMBER	271524
CLASS	02-04

1)G. G. IMPEX,

D-228, 229, SECTOR-3, DSIIDC, BAWANA, DELHI-110039, INDIA (AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS SH. SAURABH GUPTA AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	20/04/2015
TITLE	SOLE FOR FOOTWEAR



DESIGN NUMBER	272881
CLASS	07-02

1)MAYA APPLIANCES PVT. LTD REPRESENTED BY T. T. VARADARAJAN HAVING REGISTERED OFFICE AT

NO:3/140, IT HIGHWAY, OGGIAM, THORAIPAKKAM, CHENNAI-97, TAMILNADU, INDIA

DATE OF REGISTRATION	19/06/2015
TITLE	COOKING STOVE



PRIORITY NA

DESIGN NUMBER	271894
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	05/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271931
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	270167
CLASS	13-03

1)HAVELLS INDIA LIMITED,

1, RAJ NARAIN MARG, CIVIL LINES, DELHI-110054, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	09/03/2015
TITLE	CIRCUIT BREAKER



PRIORITY NA

DESIGN NUMBER	271706
CLASS	11-02

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	27/04/2015
TITLE	VASE



PRIORITY NA

DESIGN NUMBER	271897
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

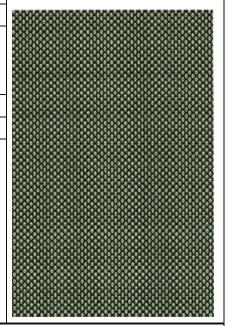
DATE OF REGISTRATION	05/05/2015	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	271936
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	



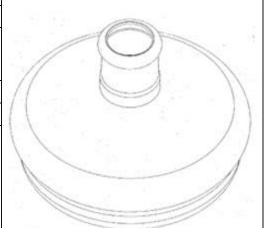
PRIORITY NA

DESIGN NUMBER	270764	
CLASS	24-02	
1)I AEDDAI MEDICAL AC A	COMPANY OR CANIZED AND EXICEING	

1)LAERDAL MEDICAL AS, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF NORWAY OF

TANKE SVILANDS GATE 30, 4007 STAVANGER, NORWAY

DATE OF REGISTRATION	30/03/2015	
TITLE	MASK FOR VENTILATION OF NEWBORNS	



PRIORITY

- 1	IMOMII		
	PRIORITY NUMBER	DATE	COUNTRY
	20140988	07/11/2014	NORWAY

DESIGN NUMBER	271498	
CLASS	15-09	
1)BASANT WIRE INDUSTRIES PVT. LTD., OF E-418, ROAD 14, VKI AREA, JAIPUR-302013, INDIA, AN INDIAN COMPANY		
DATE OF REGISTRATION 17/04/2015		



PRIORITY NA

TITLE

FIBRILLATION ROLLER

DESIGN NUMBER	209340	
CLASS	03-01	
1)RAVISSANT PRIVATE LIMITED		
DATE OF REGISTRATION	03/04/2007	
TITLE	BOX	
PRIORITY NA		
DESIGN NUMBER	273294	
CLASS	05-05	
UNDER THE PROVISION OF COMP REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PAN	IDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	01/07/2015	
TITLE	TEXTILE FABRIC	
DESIGN NUMBER	272499	<u> </u>
CLASS	05-05	
UNDER THE PROVISION OF COMP. REGISTERED OFFICE AT	INTS PVT. LTD. A COMPANY REGISTERED ANIES ACT, 1956 HAVING ITS IDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	03/06/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

	1		T
DESIGN NUMBER	271	924	
CLASS	05	-05	
1)SIDDHI VINAYAK KNOTS & 1 UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, F	MPANIES ACT, 1956 HAV	VING ITS	
DATE OF REGISTRATION	06/05	5/2015	
TITLE	TEXTILI	E FABRIC	
PRIORITY NA			
DESIGN NUMBER	252	2784	
CLASS	11	-01	
1)DE BEERS CENTENARY AG, ALPENSTRASSE 5, 6000 LUZER			
DATE OF REGISTRATION	02/04	1/2013	
TITLE	RI	NG	1839
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002162206	06/01/2013	OHIM	
DEGLEN NUMBER	277	0.610	
DESIGN NUMBER		0610	-
		-02	
1)M/S. MARCO POLO S.R.L.; AN ITALIEN CORPORATION O DI CASTELLO (PG), ITALY	F THE ADDRESS: VIA C.,	MARX, 8, 06011 CITTA	A VIII A VII
1)M/S. MARCO POLO S.R.L.; AN ITALIEN CORPORATION O		MARX, 8, 06011 CITTA 3/2015	

DESIGN NUMBER	2	70368	
CLASS		11-01	
1)OCTONUS DIA-TECH PRIVATI ORGANIZED AND EXISTING UND REGISTERED OFFICE AT: 25-28, 1ST FL., NAVRANG INDUS MAGDALLA RD., 395002 SURAT SA			
DATE OF REGISTRATION	16/03/2015		
TITLE	GEMSTONE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002620047-0002	26/01/2015	OHIM	
DESIGN NUMBER	2	71902	
CLASS	(05-05	5.2000年3月,1000年10日本。11
UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA DATE OF REGISTRATION	NDESARA, SURAT-39		
TITLE	05/05/2015 TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	2	72559	
CLASS	12-15		
1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLON	- FR-63000, CLERMO	NT-FERRAND, FRANCE,	
AND MICHELIN RECHERCHE ET ROUTE LOUIS- BRAILLE 10, CH-176			
AND MICHELIN RECHERCHE ET ROUTE LOUIS- BRAILLE 10, CH-176 DATE OF REGISTRATION	3 GRANGES-PACCOT		
ROUTE LOUIS- BRAILLE 10, CH-176	3 GRANGES-PACCOT 05/	, SWITZERLAND	
ROUTE LOUIS- BRAILLE 10, CH-176 DATE OF REGISTRATION	3 GRANGES-PACCOT 05/	, SWITZERLAND 06/2015	
ROUTE LOUIS- BRAILLE 10, CH-176 DATE OF REGISTRATION TITLE	3 GRANGES-PACCOT 05/	, SWITZERLAND 06/2015	
ROUTE LOUIS- BRAILLE 10, CH-176 DATE OF REGISTRATION TITLE PRIORITY	53 GRANGES-PACCOT 05/ TIRI	r, SWITZERLAND 06/2015 E TREAD	

DESIGN NUMBER		267274	
CLASS		24-03	(3)
1)OTTO BOCK HEALTHCARE OF MAX-NADER-STRABE 15, 3 COMPANY		GERMANY, A GERMAN	AND CAGO
DATE OF REGISTRATION	0.	7/11/2014	
TITLE	PR	OSTHESIS	0
PRIORITY PRIORITY NUMBER 002461103-0008	DATE 09/05/2014	COUNTRY OHIM	
DESIGN NUMBER		252780	
CLASS		11-01	2254
1)DE BEERS CENTENARY AG, ALPENSTRASSE 5, 6000 LUZEI			
DATE OF REGISTRATION	02	2/04/2013	
TITLE		RING	
PRIORITY PRIORITY NUMBER 002162206	DATE 06/01/2013	COUNTRY OHIM	
DESIGN NUMBER		271708	100 to the Field
CLASS		07-03	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, NO	PLACE OF BUSINESS	NY INCORPORATED IN AT	
DATE OF REGISTRATION	27	7/04/2015	
TITLE	KNIFE		
PRIORITY NA			

DESIGN NUMBER	270172
CLASS	01-01

1)BRITANNIA INDUSTRIES LIMITED, HAVING ITS REGISTERED OFFICE AT 5/1A, HUNGERFORD STREET, KOLKATA - 700017, WEST BENGAL, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	09/03/2015
TITLE	BISCUIT



PRIORITY NA

DESIGN NUMBER	262125
CLASS	27-99
1)ALTRIA CLIENT SERVICES INC A CORPORATION EXISTING	

1)ALTRIA CLIENT SERVICES INC., A CORPORATION EXISTING UNDER THE LAWS OF THE SATE OF NEW YORK, USA OF 6601 WEST BROAD STREET, RICHMOND, VIRGINIA 23230, USA

DATE OF REGISTRATION	29/04/2014
TITLE	ELECTRONIC SMOKING ARTICLE



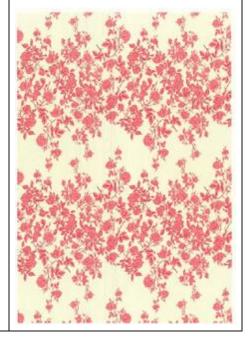
PRIORITY NUMBER	DATE	COUNTRY
29/471,338	30/10/2013	U.S.A.

DESIGN NUMBER	271898
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

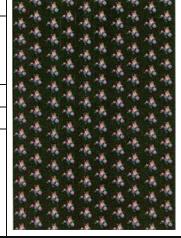
DATE OF REGISTRATION	05/05/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	271937
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGIST	

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	270679
CLASS	14-03

1)BINGO TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS ADDRESS AT

1206 A, TOWER-1, PEARL OMAXE, NETAJI SUBHASH PLACE, DISTT. CENTER, PITAMPURA, NEW DELHI-110034, INDIA

DATE OF REGISTRATION	27/03/2015
TITLE	MOBILE PHONE



PRIORITY NA

DESIGN NUMBER	271318
CLASS	15-05

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	10/04/2015
TITLE	WASHING MACHINE



PRIORITY

- 1			
	PRIORITY NUMBER	DATE	COUNTRY
	30-2014-0048840	10/10/2014	REPUBLIC OF KOREA

DESIGN NUMBER	273288	
CLASS	05-05	
UNDER THE PROVISION OF COMREGISTERED OFFICE AT	RINTS PVT. LTD. A COMPANY REGISTERED IPANIES ACT, 1956 HAVING ITS ANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	01/07/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	271922	
CLASS	05-05	
UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	ANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	Andrews Production
PRIORITY NA		**************************************
DESIGN NUMBER	271962	
CLASS	05-05	
UNDER THE PROVISION OF COM REGISTERED OFFICE AT	RINTS PVT. LTD. A COMPANY REGISTERED IPANIES ACT, 1956 HAVING ITS ANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	06/05/2015	e de la la
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	272095
CLASS	12-11
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556, JAPAN	

DATE OF REGISTRATION 13/05/2015 TITLE MOTOR SCOOTER



PRIORITY NUMBER	DATE	COUNTRY
2014-025705	18/11/2014	JAPAN



DESIGN NUMBER	252783
CLASS	11-01
1)DE BEERS CENTENARY AG, OF THE ADDRESS	

ALPENSTRASSE 5, 6000 LUZERN 6, SWITZERLAND

DATE OF REGISTRATION	02/04/2013
TITLE	RING



PRIORITY NUMBER	DATE	COUNTRY
002162206	06/01/2013	OHIM



DESIGN NUMBER	270609
CLASS	11-02

1)M/S. MARCO POLO S.R.L.;

AN ITALIEN CORPORATION OF THE ADDRESS: VIA C., MARX, 8, 06011 CITTA DI CASTELLO (PG), ITALY,

DATE OF REGISTRATION	26/03/2015
TITLE	TABLE CENTERPIECE



DESIGN NUMBER		271734	1
CLASS		14-03	-
1)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PI UNITED STATES OF AMERICA, A L OF DELAWARE		HICAGO, ILLINOIS, 60654,	
DATE OF REGISTRATION	2	7/04/2015	
TITLE	MOBILE TI	ELEPHONE COVER	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
29/507,460	28/10/2014	U.S.A.	
DESIGN NUMBER		273618	_
CLASS 09-03			
1)RAJ GOYAL, INDIAN NATIONA BLOCK A-3, HOUSE NO. 106, PA			
DATE OF REGISTRATION	2	6/03/2015	
TITLE	CC	ONTAINER	
PRIORITY NA			
DESIGN NUMBER		272558	
CLASS		28-03	
1)(1) MANOJKUMAR CHANDULAL RANPARA (2) TUSHARBHAI MANOJKUMAR RANPARA (3) DEVANGBHAI MANOJKUMAR RANPARA (ALL THE PARTNERS ARE ADULT AND INDIAN NATIONALS) PARTNER OF NEW RANPARA INDUSTRIES (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT- PANCHASAR ROAD, B/H. GEETA OIL MILL, MORBI-363641 DISTRICT-RAJKOT-GUJARAT (INDIA)			
DATE OF REGISTRATION	0	5/06/2015	
TITLE	TONG	UE CLEANER	
PRIORITY NA			

DESIGN NUMBER		267273	
CLASS		24-03	
1)OTTO BOCK HEALTHCARE OF MAX-NADER-STRABE 15, 3 COMPANY		GERMANY, A GERMAN	finnd (Page)
DATE OF REGISTRATION	0	7/11/2014	Tan Caro
TITLE	PR	OSTHESIS	
PRIORITY PRIORITY NUMBER 002461103-0004	DATE 09/05/2014	COUNTRY OHIM	
DESIGN NUMBER		270612	
CLASS		11-02	
1)M/S. MARCO POLO S.R.L.; AN ITALIEN CORPORATION O DI CASTELLO (PG), ITALY,	F THE ADDRESS: VIA	C., MARX, 8, 06011 CIT	TA
DATE OF REGISTRATION	2	6/03/2015	
TITLE	TABLE	CENTERPIECE	
PRIORITY NA			A STATE OF THE STA
DESIGN NUMBER		270376	
CLASS		11-02	and the second second
1) DILSHAD AHMED, INDIAN N . C/O MUKHTAR AHMED, MOHA AMROHA 244221 UTTAR PRADESI	ALLA NOBAT KHANA		
DATE OF REGISTRATION	1	6/03/2015	高
TITLE		POT	
PRIORITY NA			

09-01	
IVATE LIMITED, FRIAL ESTATE, WESTERN EXPRESS TATE OF MAHARASHTRA, INDIA	
28/04/2015	
BOTTLE WITH CAP	
271904	
13-02	II.
UTTAR PRADESH	
06/05/2015	
BATTERY POWER BANK FOR USB DONGLE	
271946	
05-05	
NTS PVT. LTD. A COMPANY REGISTERED ANIES ACT, 1956 HAVING ITS DESARA, SURAT-394221 GUJARAT	
06/05/2015	- 76
TEXTILE FABRIC	
	271904 13-02 JTTAR PRADESH 06/05/2015 BATTERY POWER BANK FOR USB DONGLE 271946 05-05 NTS PVT. LTD. A COMPANY REGISTERED ANIES ACT, 1956 HAVING ITS DESARA, SURAT-394221 GUJARAT 06/05/2015

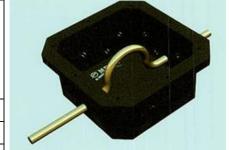
DESIGN NUMBER	272338
CLASS	13-03

1)BHAGYA LAXMI INDUSTRIES, INDIAN PROPRIETORSHIP FIRM HAVING PRINCIPAL PLACE OF BUSINESS AT

PLOT NO. 71, BALAJI INDUSTRIAL AREA, MANDA DUNGAR, BHAVNAGAR ROAD, RAJKOT, GUJARAT, INDIA AND HAVING PROPRIETOR SMT. GAURIBEN JIVRAJBHAI PATEL, RESIDING AT OM, SHIVRANJANI PARK, B.H.

RANCHHODDAS ASHRAM, KUVADVA ROAD, RAJKOT, INDIAN NATIONALS

DATE OF REGISTRATION	25/05/2015
TITLE	MODULAR BOX FOR ELECTRIC PURPOSE
PRIORITY NA	•

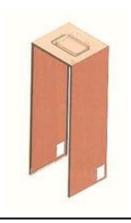


DESIGN NUMBER	272578
CLASS	15-07

1)LG ELECTRONICS INC.

OF 20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721, REPUBLIC OF KOREA

DATE OF REGISTRATION	05/06/2015
TITLE	CABINET SLOT



PRIORITY NA

DESIGN NUMBER	270001
CLASS	06-02

1)MR. MOHSIN ALI KHAN, AN INDIAN WHOSE ADDRESS IS

406, PEARL COURT APARTMENT, GOKHALE MARG, LUCKNOW-226001, UTTAR PRADESH

DATE OF REGISTRATION	02/03/2015
TITLE	HOSPITAL BED



DESIGN NUMBER	273291
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	01/07/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER 271923	
CLASS 05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	268479	
CLASS	12-16	

1)DAULAT S DESHMUKH,

'RAMGANESH' BUNGLOW, 11/I.C.S. COLONY, NEXT TO NAYAN SOCIETY, GANESHKHIND RD, GANESHKHIND, PUNE, MAHARASHTRA, PIN. 411007, INDIA

DATE OF REGISTRATION	30/12/2014	
TITLE	VEHICLE ROOFTOP TENT	



DESIGN NUMBER	268693	
CLASS	14-03	

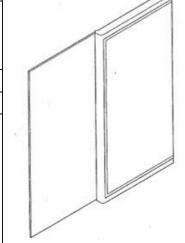
1)LG ELECTRONICS INC.,

128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL, 150-721, REPUBLIC OF KOREA, A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	07/01/2015	
TITLE	MOBILE PHONE	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0033467	08/07/2014	REPUBLIC OF KOREA



DESIGN NUMBER	269939 09-03	
CLASS		
1) CWADOVCKI AKTIENCECELI CCHAET OF		

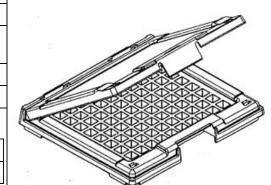
1)SWAROVSKI AKTIENGESELLSCHAFT OF

DROSCHISTRASSE 15, 9495 TRIESEN, LIECHTENSTEIN

DATE OF REGISTRATION	27/02/2015	
TITLE	PACKAGING BOX WITH LOCK	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002529248-0001	02/09/2014	OHIM



DESIGN NUMBER	272883	
CLASS	07-02	

1)MAYA APPLIANCES PVT. LTD REPRESENTED BY T. T. VARADARAJAN HAVING REGISTERED OFFICE AT

NO:3/140, IT HIGHWAY, OGGIAM, THORAIPAKKAM, CHENNAI-97, TAMILNADU, INDIA

DATE OF REGISTRATION	19/06/2015	
TITLE	COOKING STOVE	
PRIORITY NA		



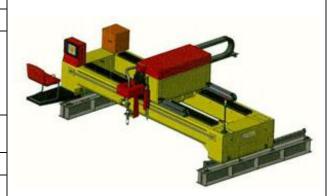
DESIGN NUMBER	271895	
CLASS	05-05	Simulation of the same of the
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, 1		
DATE OF REGISTRATION	05/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	271933	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	269681	
CLASS	13-02	
1)TATA MOTORS LIMITED, AI BOMBAY HOUSE, 24 HOMI MO 400001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION 19/02/2015		No.
TITLE	TERMINAL FOR BATTERY MOUNTED FUSE BOX	
PRIORITY NA		

DESIGN NUMBER	272652
CLASS	15-09

1)SATISH ANANT KULKARNI, NATIONALITY: AN INDIAN NATIONAL.

ADDRESS: FLAT NO-2, KALPAK SOCIETY, RH-45, G-BLOCK, MIDC, BEHIND SNAKE-PARK, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/06/2015
TITLE	METAL PROCESSING MACHINE
PRIORITY NA	



DESIGN NUMBER	273050
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	24/06/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	202350
CLASS	09-05

1)PRACHIN AYURVEDIC SANSKRUTI PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES A

BARODA-JAMBUSAR N. HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	14/12/2005
TITLE	PACKAGING TUBE

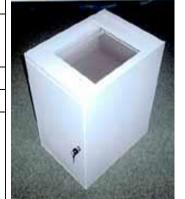


DESIGN NUMBER	202805
CLASS	06-04

1)BP ERGO LIMITED,

DGP HOUSE, 3RD FLOOR, 88-C, OLD PRABHADEVI ROAD, MUMBAI-400025, MAHARASHTRA STATE, INDIA, AN INDIAN PUBLIC LTD. COMPANY

DATE OF REGISTRATION	17/01/2006
TITLE	STORAGE UNIT



PRIORITY NA

DESIGN NUMBER	271913
CLASS	05-05
1) 000000000000000000000000000000000000	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271952
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



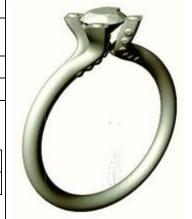
DESIGN NUMBER	252781
CLASS	11-01
1)DE BEERS CENTENARY AG. OF THE ADDRESS	

ALPENSTRASSE 5, 6000 LUZERN 6, SWITZERLAND

DATE OF REGISTRATION	02/04/2013
TITLE	RING



PRIORITY NUMBER	DATE	COUNTRY
002162206	06/01/2013	OHIM



DESIGN NUMBER	270173
CLASS	01-01

1)BRITANNIA INDUSTRIES LIMITED, HAVING ITS REGISTERED OFFICE AT 5/1A, HUNGERFORD STREET, KOLKATA - 700017, WEST BENGAL, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	09/03/2015	
TITLE	BISCUIT	



PRIORITY NA

DESIGN NUMBER	262126
CLASS	27-99

1)ALTRIA CLIENT SERVICES INC., A CORPORATION EXISTING UNDER THE LAWS OF THE SATE OF NEW YORK, USA OF

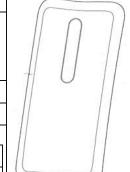
6601 WEST BROAD STREET, RICHMOND, VIRGINIA 23230, USA

DATE OF REGISTRATION	29/	/04/2014
TITLE	ELECTRONIC S	SMOKING ARTICLE
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
29/471 338	30/10/2013	USA



DESIGN NUMBER	271899	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & P UNDER THE PROVISION OF COM REGISTERED OFFICE AT	RINTS PVT. LTD. A COMPANY REGISTERED	
DATE OF REGISTRATION	05/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	271939	
CLASS	05-05	
	ANDESARA, SURAT-394221 GUJARAT	
TITLE	06/05/2015 TEXTILE FABRIC	
TITLE PRIORITY NA		
PRIORITY NA DESIGN NUMBER	TEXTILE FABRIC	
TITLE PRIORITY NA DESIGN NUMBER CLASS 1)BINGO TECHNOLOGIES PVT. INCORPORATED UNDER THE IN ADDRESS AT 1206 A, TOWER-1, PEARL OMAX	270678 14-03 LTD., AN INDIAN COMPANY DIAN COMPANIES ACT, 1956, HAVING ITS KE, NETAJI SUBHASH PLACE, DISTT. CENTER,	
INCORPORATED UNDER THE IN ADDRESS AT	270678 14-03 LTD., AN INDIAN COMPANY DIAN COMPANIES ACT, 1956, HAVING ITS KE, NETAJI SUBHASH PLACE, DISTT. CENTER,	

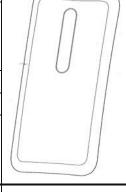
DESIGN NUMBER	272817
CLASS	14-03
1)MOTOROLA MOBILITY LLC, 222 W. MERCHANDISE MART PLAZA, SUITE 1800, CHICAGO, ILLINOIS, 60654, UNITED STATES OF AMERICA, A LIMITED LIABILITY COMPANY OF THE STATE OF DELAWARE	



DATE OF REGISTRATION	17/06/2015
TITLE	COVER FOR A MOBILE TELEPHONE

PRIORITY

IMOMII		
PRIORITY NUMBER	DATE	COUNTRY
29/512,389	18/12/2014	U.S.A.



DESIGN NUMBER	271344
CLASS	09-01

1)SCORPION CONTAINER PVT. LTD., A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956 (INDIAN NATIONAL) AND HAVING ITS PRINCIPAL PLACE OF BUSINESS

AT 117/118, T.V. INDUSTRIAL ESTATE, S.K. AHIRE MARG, WORLI, MUMBAI-400030, MAHARASHTRA, INDIA, (INDIAN NATIONAL)

DATE OF REGISTRATION	13/04/2015	
TITLE	BOTTLE	



PRIORITY NA

DESIGN NUMBER	273285
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	01/07/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	271921	
CLASS	05-05	**************************************
UNDER THE PROVISION OF COREGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED OMPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	06/05/2015	24°24°24°24°24°
TITLE	TEXTILE FABRIC	*********
PRIORITY NA		
DESIGN NUMBER	271961	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS &	PRINTS PVT. LTD. A COMPANY REGISTERED	EA WAREN
UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,	PANDESARA, SURAT-394221 GUJARAT	
UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, DATE OF REGISTRATION	OMPANIES ACT, 1956 HAVING ITS	
UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, DATE OF REGISTRATION TITLE	PANDESARA, SURAT-394221 GUJARAT 06/05/2015	
UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, DATE OF REGISTRATION TITLE PRIORITY NA	PANDESARA, SURAT-394221 GUJARAT 06/05/2015	
UNDER THE PROVISION OF COREGISTERED OFFICE AT	PANDESARA, SURAT-394221 GUJARAT 06/05/2015 TEXTILE FABRIC	
UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SIDDHI VINAYAK KNOTS & REGISTERED UNDER THE PRO ITS REGISTERED OFFICE	PANDESARA, SURAT-394221 GUJARAT 06/05/2015 TEXTILE FABRIC 272468	
UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SIDDHI VINAYAK KNOTS & REGISTERED UNDER THE PRO ITS REGISTERED OFFICE	PANDESARA, SURAT-394221 GUJARAT 06/05/2015 TEXTILE FABRIC 272468 05-05 PRINTS PVT. LTD. A COMPANY OVISION OF COMPANIES ACT, 1956 HAVING	



CLASS			
	05-05		
1)SIDDHI VINAYAK KNOTS & PRINT UNDER THE PROVISION OF COMPAN REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDI	,		
DATE OF REGISTRATION	01/07/2015		
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	272501		
CLASS	05-05	CROST OF A CROS	
UNDER THE PROVISION OF COMPAN REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDI DATE OF REGISTRATION	,		
TITLE	TEXTILE FABRIC	0 0	
PRIORITY NA			
DESIGN NUMBER	271925		
CLASS	05-05	A TOTAL TO STATE OF THE STATE O	
1)SIDDHI VINAYAK KNOTS & PRINT UNDER THE PROVISION OF COMPAN REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDI			
DATE OF REGISTRATION	06/05/2015	46 Mr. 44	
TLE TEXTILE FABRIC		Walker Walk	

DESIGN NUMBER		207450	
CLASS	09-03		
1)NOBEL BIOCARE SERVICES A OF POSTFACH, CH-8058 ZURICI			
DATE OF REGISTRATION	04	4/06/2006	
TITLE		BOX	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
000538921-0005	04/06/2006	OHIM	
DESIGN NUMBER		268879	
CLASS		19-04	
THE LAWS OF UNITED STATES OF STATES OF AMERICA, ADDRESS 409 SHERMAN AVENUE, PALO AMERICA	AT		
DATE OF REGISTRATION	1:	5/01/2015	
TITLE	PHO	ОТОВООК	
PRIORITY PRIORITY NUMBER 29/500,033	DATE COUNTRY 21/08/2014 U.S.A.		
DESIGN NUMBER		272661	
CLASS	12-16		
1)AUDI AG, A JOINT STOCK CO LAW OF AUTO-UNION-STR. 1, D-8504	5 INGOLSTADT, GEF	RMANY	
DATE OF REGISTRATION	10/06/2015		
TITLE	VEHICI	LE WHEEL RIM	- Q-
DDIODITY			
PRIORITY			
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	

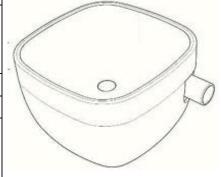
DESIGN NUMBER	202477	
CLASS	09-05	
INCORPORATED UNDER THE CO	'AY ROAD, AT & PO. DABHASA, TA. PADRA	
DATE OF REGISTRATION	16/12/2005	
TITLE	TUBE CONTAINER	
PRIORITY NA		
DESIGN NUMBER	202840	
CLASS	23-02	
1)JAIN BROTHERS SANITATION 12, S.S.I., INDUSTRIAL AREA, DI DULY REGISTERED UNDER THE CO	ELHI-110033, INDIA, (AN INDIAN COMPANY	
DATE OF REGISTRATION	17/01/2006	
TITLE	COCKROACH TRAP	
PRIORITY NA		
DESIGN NUMBER	271915	
CLASS	05-05	WEST OF THE SE
1)SIDDHI VINAYAK KNOTS & PI REGISTERED UNDER THE PROVI HAVING ITS REGISTERED OFFIC A-26, CENTRAL PARK, GIDC, PA	SION OF COMPANIES ACT, 1956	
DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	269010
CLASS	24-02

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS

HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	EGISTRATION 21/01/2015		2015
TITLE		RESPIRATOR	Y DEVICE
PRIORITY			
PRIORITY NUMBER	Ι	DATE	COUNTRY
002506576-0001	2	22/07/2014	OHIM



DESIGN NUMBER	273300
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	01/07/2015
TITLE	TEXTILE FABRIC



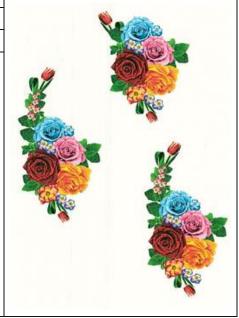
PRIORITY NA

DESIGN NUMBER	272503
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	03/06/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	271927
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	270611
CLASS	11-02

1)M/S. MARCO POLO S.R.L.;

AN ITALIEN CORPORATION OF THE ADDRESS: VIA C., MARX, 8, 06011 CITTA DI CASTELLO (PG), ITALY,

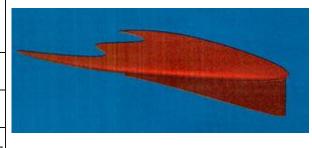
DATE OF REGISTRATION	26/03/2015
TITLE	TABLE CENTERPIECE



PRIORITY NA

DESIGN NUMBER 257867	
CLASS	13-01
EXISTING UNDER THE I OFFICE AT	MBH, A COMPANY ORGANIZED AND LAWS OF GERMANY, HAVING ITS 9, D-26135 OLDENBURG, ALEMANIA,
DATE OF REGISTRATION	29/10/2013
TITLE	BLADE TIP FOR ROTORS OF WIND

l	PRIORITY		
	PRIORITY NUMBER	DATE	COUNTRY
	002266106	01/07/2013	OHIM
ı	002200100	01/07/2013	OTTIVI



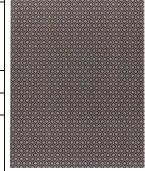
TURBINES

DESIGN NUMBER	271903
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	05/05/2015
TITLE	TEXTILE FABRIC



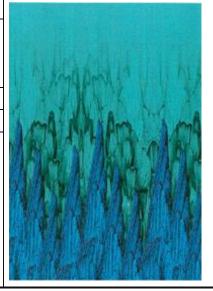
PRIORITY NA

DESIGN NUMBER	271944
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	272337
CLASS	13-03

1)BHAGYA LAXMI INDUSTRIES, INDIAN PROPRIETORSHIP FIRM HAVING PRINCIPAL PLACE OF BUSINESS AT

PLOT NO. 71, BALAJI INDUSTRIAL AREA, MANDA DUNGAR, BHAVNAGAR ROAD, RAJKOT, GUJARAT, INDIA AND HAVING PROPRIETOR SMT. GAURIBEN JIVRAJBHAI PATEL, RESIDING AT OM, SHIVRANJANI PARK, B.H. RANCHHODDAS ASHRAM, KUVADVA ROAD, RAJKOT, INDIAN NATIONALS

DATE OF REGISTRATION	25/05/2015	
TITLE	MODULAR BOX FOR ELECTRIC PURPOSE	
PRIORITY NA		



DESIGN NUMBER	272574	
CLASS	07-02	

1) JASH INTERNATIONAL., (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT

SHED NO. DD, KHAN REAL ESTATE COMPOUND, NEAR SAEED FARM, NATIONAL HIGHWAY NO. 8, NEAR VASAI PHATA, VASAI (EAST), DIST-THANE, MAHARASHTRA, INDIA. WHOSE PROPRIETOR IS BHUPENDRA DHAKAD. (INDIAN NATIONAL) OF ABOVE ADDRESS

DATE OF REGISTRATION	05/06/2015	
TITLE	CASSEROLE	



PRIORITY NA

DESIGN NUMBER	207451	
CLASS	09-03	

1) NOBEL BIOCARE SERVICES AG, A SWISS COMPANY,

OF POSTFACH, CH-8058 ZURICH, FLUGHAFEN, SWITZERLAND

DATE OF REGISTRATION	04/06/2006	
TITLE	BOX	
PRIORITY		

PRIORITY NUMBER	DATE	COUNTRY
000538921-002	04/06/2006	OHIM

_	Contract of the last	- 1		
			المقدال	
	A COLUMN		MESSIC!	-40
\dashv				

DESIGN NUMBER	268774	
CLASS	06-02	

1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT

CROPEXIUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY

DATE OF REGISTRATION	12/01/2015	
TITLE	BED	
PRIORITY NA		



DESIGN NUMBER	270671	
CLASS	14-02	

1)OHIO STATE INNOVATION FOUNDATION, OF

1524 HIGH STREET, COLUMBUS, OHIO-43201, U.S.A., A U.S. COMPANY

DATE OF REGISTRATION	27/03/2015
TITLE	RFID TAG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/503,969	01/10/2014	U.S.A.

DESIGN NUMBER	271612
CLASS	06-09

1)MR. VIVEK KUMAR, ADULT, RESIDING AT

A-402, MERIDIAN APARTMENTS, PLOT NO. 25-27, SECTOR-6, NERUL (WEST), NAVI MUMBAI-400706, MAHARASHTRA, INDIA, INDIAN

DATE OF REGISTRATION	23/04/2015
TITLE	PILLOW



PRIORITY NA

DESIGN NUMBER	272662
CLASS	14-01

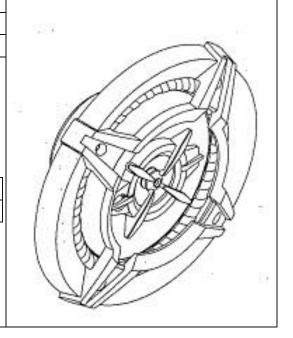
1)SONY CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN,

1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN

DATE OF REGISTRATION	10/06/2015
TITLE	SPEAKER FOR CAR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201430518148.5	11/12/2014	CHINA



DESIGN NUMBER	270941	
CLASS	18-02	
1)MEDITEK INTERNATIONAL P INCORPORATED UNDER THE INI	RIVATE LIMITED (A COMPANY	
DATE OF REGISTRATION	06/04/2015	
TITLE	PAD PRINTING MACHINE	
PRIORITY NA		CONTILOCK
DESIGN NUMBER	202478	
CLASS	09-03	
INCORPORATED UNDER THE CO	YAY ROAD, AT & PO. DABHASA, TA. PADRA-	
DATE OF REGISTRATION	16/12/2005	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	202841	
CLASS	23-02	
1)JAIN BROTHERS SANITATION PVT. LTD., 12, S.S.I., INDUSTRIAL AREA, DELHI-110033, INDIA. (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956.)		
DATE OF REGISTRATION	17/01/2006	
	COCKROACH TRAP	Name and Address of the Owner, where the Person of the Owner, where the Person of the Owner, where the Owner, which the Owner

DESIGN NUMBER	271916
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271955
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



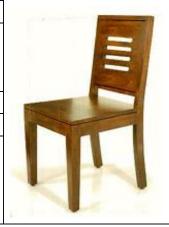
PRIORITY NA

DESIGN NUMBER	268780
CLASS	06-01

1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT

CROPEXIUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY

DATE OF REGISTRATION	12/01/2015
TITLE	CHAIR



DESIGN NUMBER		207452				
CLASS		09-03				
1)NOBEL BIOCARE SERVIC OF POSTFACH, CH-8058 ZU						
DATE OF REGISTRATION		04/06/2006				3
TITLE			ВО	X		
PRIORITY				_		
PRIORITY NUMBER		DATE		COUNTRY	Y	
000538921-0004		04/06/2006		OHIM		
DESIGN NUMBER		2706	673			
CLASS		14-	02		(3.1	
1)OHIO STATE INNOVATIO 1524 HIGH STREET, COLUM COMPANY				J.S.		
DATE OF REGISTRATION		27/03/	/2015			
TITLE		RFID TAG				
PRIORITY						
PRIORITY NUMBER	DA	DATE COUNTRY				
29/503,969	01/1	01/10/2014 U.S.A.				
DESIGN NUMBER		272663			•	
CLASS		14-01				
1)SONY CORPORATION, A UNDER THE LAWS OF JAPAN 1-7-1 KONAN, MINATO-KU	N,		ANIZEI	D AND EXIS	STING	
DATE OF REGISTRATION		10/06/2015				W 1
TITLE		SPEAKER FOR CAR				
PRIORITY PRIORITY NUMBER		DATE		COUNTRY	7	
201430518148.5 DATE			CHINA			
201130310140.3		11/12/2014		CIIIIVA		
201430316146.5 11/12/2014 CHINA						

DESIGN NUMBER	270943	
CLASS	18-02	

1)MEDITEK INTERNATIONAL PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956),

C-43 DSIDC PACKAGING COMPLEX, KIRTI NAGAR, NEW DELHI-110015 (INDIA)

DATE OF REGISTRATION	06/04/2015	
TITLE	PAD PRINTING MACHINE	



PRIORITY NA

DESIGN NUMBER	202479
CLASS	09-03

1)FRENCH COSMETICS PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956

BARODA-JAMBUSAR N.HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	16/12/2005	
TITLE	CONTAINER	



PRIORITY NA

DESIGN NUMBER	266707
CLASS	09-03
4) 77 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

1)PRANAV ASRANI, AN INDIAN NATIONAL, OF

G-53, APARTMENT NO. 8, GROUND FLOOR, EAST OF KAILASH, NEW DELHI-110065, INDIA

DATE OF REGISTRATION	14/10/2014	
TITLE	CONTAINER	



DESIGN NUMBER	202897	
CLASS	24-04	
1)TEJINDER SINGH OF 5B, GUNJAN APARTMENTS,	11B/1, PALM AVENUE, KOLKATA 700 019	э.
DATE OF REGISTRATION	25/01/2006	
TITLE	MEDICAL DEVICE	
PRIORITY NA		
DESIGN NUMBER	271917	
CLASS	05-05	
UNDER THE PROVISION OF COM- REGISTERED OFFICE AT	RINTS PVT. LTD. A COMPANY REGISTI PANIES ACT, 1956 HAVING ITS NDESARA, SURAT-394221 GUJARAT	LKED
DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	271956	
CLASS	05-05	A CONTRACTOR ACTIONS ACTIONS
1)SIDDHI VINAYAK KNOTS & PEREGISTERED UNDER THE PROVI HAVING ITS REGISTERED OFFICE A-26, CENTRAL PARK, GIDC, PA	SION OF COMPANIES ACT, 1956	
DATE OF REGISTRATION	06/05/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	252782
CLASS	11-01
AND DEED CONTRACT OF THE ADDRESS	

1)DE BEERS CENTENARY AG, OF THE ADDRESS

ALPENSTRASSE 5, 6000 LUZERN 6, SWITZERLAND

DATE OF REGISTRATION	02/04/2013	
TITLE	RING	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002162206	06/01/2013	OHIM



DESIGN NUMBER	270607
CLASS	11-02

1)MARCO POLO S.R.L.;

AN ITALIEN CORPORATION OF THE ADDRESS: VIA C., MARX, 8, 06011 CITTA DI CASTELLO (PG), ITALY,

DATE OF REGISTRATION	26/03/2015
TITLE	TABLE CENTERPIECE



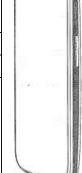
PRIORITY NA

DESIGN NUMBER	271733
CLASS	14-03

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	27/04/2015
TITLE	MOBILE TELEPHONE



PRIORITY

IMOMIII		
PRIORITY NUMBER	DATE	COUNTRY
29/507,460	28/10/2014	U.S.A.

DESIGN NUMBER	273617	
CLASS	19-06	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1)MR. SOUMEN MONDAL, AN II 12A, NETAJI SUBHAS ROAD, K	NDIAN NATIONAL OF OLKATA-700001, WEST BENGAL, INDIA	
DATE OF REGISTRATION	24/03/2015	
TITLE	PEN	
PRIORITY NA		
DESIGN NUMBER	271900	
CLASS	05-05	क्ष क्ष क्ष क्ष क्ष क
UNDER THE PROVISION OF CON	APANIES ACT 1956 HAVING ITS	to the to the to the to the to
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P.	ANDESARA, SURAT-394221 GUJARAT	-
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P. DATE OF REGISTRATION	ANDESARA, SURAT-394221 GUJARAT 05/05/2015	
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P. DATE OF REGISTRATION	ANDESARA, SURAT-394221 GUJARAT	
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P. DATE OF REGISTRATION TITLE	ANDESARA, SURAT-394221 GUJARAT 05/05/2015	
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P. DATE OF REGISTRATION FITLE PRIORITY NA	ANDESARA, SURAT-394221 GUJARAT 05/05/2015	
REGISTERED OFFICE AT	ANDESARA, SURAT-394221 GUJARAT 05/05/2015 TEXTILE FABRIC	
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P. DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SIDDHI VINAYAK KNOTS & P UNDER THE PROVISION OF COM REGISTERED OFFICE AT	ANDESARA, SURAT-394221 GUJARAT 05/05/2015 TEXTILE FABRIC 271940 05-05 PRINTS PVT. LTD. A COMPANY REGISTERED	
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P. DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SIDDHI VINAYAK KNOTS & P UNDER THE PROVISION OF COM REGISTERED OFFICE AT	ANDESARA, SURAT-394221 GUJARAT 05/05/2015 TEXTILE FABRIC 271940 05-05 PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS	

DESIGN NUMBER	272550
CLASS	07-04

1)M/S. BOMBAY TEA STRAINERS MANUFACTURING, A PARTNERSHIP FIRM HAVING OUR OFFICE AT

17-B LAST LANE, SITAFAL WADI, MAZGAON, MUMBAI-400010, MAHARASHTRA, INDIA

DATE OF REGISTRATION	04/06/2015
TITLE	TEA STRAINER



PRIORITY NA

DESIGN NUMBER	268788
CLASS	06-01

1)M/S. URBAN LADDER HOME DECOR SOLUTIONS PRIVATE LIMITED HAVING PLACE OF BUSINESS AT

CROPEXIUM, #83, LRDE LAYOUT, KARTHIK NAGAR, MARATHAHALLI, BANGALORE-560037, KARNATAKA, AND NATIONALITY OF INDIAN COMPANY

DATE OF REGISTRATION	12/01/2015
TITLE	SOFA



PRIORITY NA

DESIGN NUMBER	270675
CLASS	14-02

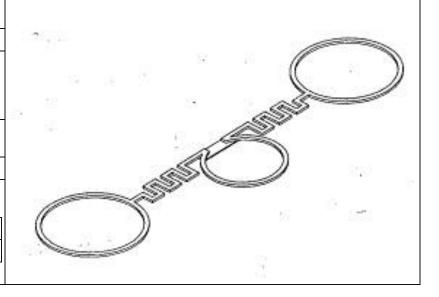
1)OHIO STATE INNOVATION FOUNDATION, OF

1524 HIGH STREET, COLUMBUS, OHIO-43201, U.S.A., A U.S. COMPANY

DATE OF REGISTRATION	27/03/2015
TITLE	RFID TAG

PRIORITY

29/503,969 01/10/2014 U.S	J.S.A.



DESIGN NUMBER	271284
CLASS	14-01

1)1MORE INC., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF CHINA OF

F14 EAST BLOCK TIANLIAO BUILDING (NEW MATERIALS INDUSTRIAL PARK), XUEYUAN ROAD, NANSHAN DISTRICT SHENZHEN, GUANGDONG 518055 CHINA

DATE OF REGISTRATION	09/04/2	015
TITLE	EARPHONE	HOLDER
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
CN 201530034962.4	05/02/2015	CHINA



DESIGN NUMBER	202481
CLASS	09-03

1)FRENCH COSMETICS PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956

BARODA-JAMBUSAR N.HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	16/12/2005
TITLE	CONTAINER WITH CAP



PRIORITY NA

DESIGN NUMBER	271919
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC

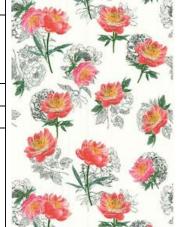


DESIGN NUMBER	271959
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	269020
CLASS	09-01

1)PARSHOTAMBHAI MOHANBHAI RATHOD, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT BHUMI INDUSTRIAL AREA, SURVEY NO. 253, PLOT NO. 2/20, B/H. SARVODAYA, NEAR STREET OF WELDOR ENGG.,

N. H. 8-B, VERAVAL (SHAPER), TA. KOTDA SANGANI, DIST. RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	21/01/2015
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	271928
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	272505
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION 03/06/2015	

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PRIORITY NA

TITLE

			The training
DESIGN NUMBER		207453	
CLASS		09-03	
1)NOBEL BIOCARE SERVICES A OF POSTFACH, CH-8058 ZURICH			
DATE OF REGISTRATION	04	4/06/2006	
TITLE		BOX	
PRIORITY			
PRIORITY NUMBER	PRIORITY NUMBER DATE COUNTRY		
000538921-0001	04/06/2006	OHIM	
DESIGN NUMBER 268781			
CLASS 06-01			
1)M/S. URBAN LADDER HOME D HAVING PLACE OF BUSINESS AT CROPEXIUM, #83, LRDE LAYOU BANGALORE-560037, KARNATAKA	T, KARTHIK NAGAR	, MARATHAHALLI,	Y
DATE OF REGISTRATION	EGISTRATION 12/01/2015		
TITLE	CHAIR		
PRIORITY NA			

TEXTILE FABRIC

	DESIGN NUMBER	270674
CLASS 14-02	CLASS	14-02

1)OHIO STATE INNOVATION FOUNDATION, OF

1524 HIGH STREET, COLUMBUS, OHIO-43201, U.S.A., A U.S. COMPANY

DATE OF REGISTRATION	27/03/2015
TITLE	RFID TAG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/503,969	01/10/2014	U.S.A.

DESIGN NUMBER	271282	
CLASS	14-01	

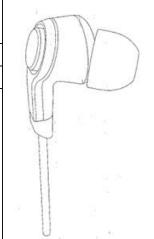
1)1MORE INC., A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF CHINA OF

F14 EAST BLOCK TIANLIAO BUILDING (NEW MATERIALS INDUSTRIAL PARK), XUEYUAN ROAD, NANSHAN DISTRICT SHENZHEN, GUANGDONG 518055 CHINA

DATE OF REGISTRATION	09/04/2015
TITLE	EARPHONE

PRIORITY

ı	IMOMII		
	PRIORITY NUMBER	DATE	COUNTRY
١	CN 201430417693.5	29/10/2014	CHINA



DESIGN NUMBER	270254
CLASS	05-05

1)MR. BHARAT D SHETHIA; AN INDIAN NATIONAL, HAVING HIS OFFICE AT

1ST FLOOR, C/O C JAIRAM & CO., BEHIND SEWRI BUS DEPOT, SITARAM MURAI ROAD, OPP T K INDUSTRIAL ESTATE, SEWRI WEST, MUMBAI-400015, INDIA

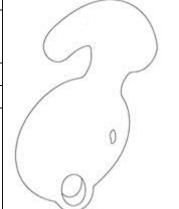
DATE OF REGISTRATION	11/03/2015	
TITLE	TEXTILE FABRIC	

DESIGN NUMBER	272696
CLASS	14-03

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	11/06/2015
TITLE	CAP FOR EARPHONE



PRIORITY

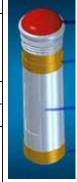
PRIORITY NUMBER	DATE	COUNTRY
30-2014-0063751	29/12/2014	REPUBLIC OF KOREA

DESIGN NUMBER	202480
CLASS	09-03

1)FRENCH COSMETICS PVT. LTD., AN INDIAN NATIONAL COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956

BARODA-JAMBUSAR N.HIGH WAY ROAD, AT & PO. DABHASA, TA. PADRA-391440, DIST. BARODA (GUJARAT), INDIA.

DATE OF REGISTRATION	16/12/2005
TITLE	CONTAINER WITH CAP



PRIORITY NA

DESIGN NUMBER	202987
CLASS	26-05

1)ARNOLD & RICHTER CINE TECHNIK GMBH & CO. BETRIERS KG, OF TURKENSTRASSE 89, 80799 MUNCHEN, GERMANY, A GERMAN COMPANY.

DATE OF REGISTRATION	29/07/2005
TITLE	LAMPHEAD



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
405 04 037.7	29/07/2005	GERMANY

DESIGN NUMBER	271918
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT	

06/05/2015

TEXTILE FABRIC

A BIE	

PRIORITY NA

TITLE

DATE OF REGISTRATION

DESIGN NUMBER	271958
CLASS	05-05
1)SIDDHI VINAVAK KNOTS & PRINTS PVT I TD A COMPANY DECISTERED	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC

