पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 44/2015 ISSUE NO. 44/2015

शुक्रवार FRIDAY दिनांक: 30/10/2015

DATE: 30/10/2015

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

30th OCTOBER, 2015

CONTENTS

SUBJECT		PAGE NUMBER
JURISDICTION	:	58673 – 58674
SPECIAL NOTICE	:	58675 – 58676
EARLY PUBLICATION (DELHI)	:	58677 – 58683
EARLY PUBLICATION (MUMBAI)	:	58684 – 58705
EARLY PUBLICATION (CHENNAI)	:	58706 – 58729
EARLY PUBLICATION (KOLKATA)	:	58730
PUBLICATION AFTER 18 MONTHS (DELHI)	:	58731 – 59130
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	59131 – 59268
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	59269 – 59448
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	59449 – 59628
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	59629 – 59637
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	59638 - 59640
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	59641 – 59647
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	59648 – 59650
INTRODUCTION TO DESIGN PUBLICATION	:	59651
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	59652
COPYRIGHT PUBLICATION	:	59653
REGISTRATION OF DESIGNS	:	59654 - 59715

THE PATENT OFFICE KOLKATA, 30/10/2015

Address of the Patent Offices/Jurisdictions

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

1	Office of the Controller General of Patents,	4	The Patent Office,
1	·	4	
	Designs & Trade Marks,		Government of India,
	Boudhik Sampada Bhavan,		Intellectual Property Rights Building,
	Near Antop Hill Post Office, S.M. Road, Antop Hill,		G.S.T. Road, Guindy,
	Mumbai - 400 037		Chennai - 600 032.
	Phone: (91)(22) 24123311, Fax: (91)(22) 24123322		Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066
	E-mail: <u>cgpdtm@nic.in</u>		E-mail: chennai-patent@nic.in
			❖ The States of Andhra Pradesh,
			Telangana, Karnataka, Kerala, Tamil
			Nadu and the Union Territories of
			Puducherry and Lakshadweep.
2	The Patent Office,		
	Government of India,	5	The Patent Office (Head Office),
	Boudhik Sampada Bhavan,		Government of India,
	Near Antop Hill Post Office, S.M. Road, Antop Hill,		Boudhik Sampada Bhavan,
	Mumbai – 400 037		CP-2, Sector -V, Salt Lake City,
	Phone: (91)(22) 24137701		Kolkata- 700 091
	Fax: (91)(22) 24130387		Rollata 700 071
	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: <u>kolkata-patent@nic.in</u>
	Territories of Daman and Diu & Dadra and Nagar		
	Haveli		❖ Rest of India
3	The Patent Office,		• Nest of filling
	Government of India,		
	Boudhik Sampada Bhavan,		
	Plot No. 32., Sector-14, Dwarka,		
	New Delhi - 110075		
	Phone: (91)(11) 2808 1921 - 25		
	Fax: (91)(11) 2808 1920 & 2808 1940		
	E.mail: delhi-patent@nic.in		
	❖ The States of Haryana, Himachal Pradesh, Jammu		
	and Kashmir, Punjab, Rajasthan, Uttar Pradesh,		
	Uttaranchal, Delhi and the Union Territory of		
	Chandigarh.		
L	CHARACTER.		

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 30/10/2015

• कार्यालयों के क्षेत्राधिकार के पते

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

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प	4	पेटेंट कार्यालय, भारत सरकार
	तथा व्यापार चिहन,		इंटेलेक्च्अल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट
	एंटोप हिल डाकघर के समीप,		एसआईडीसीओ आरएमडी गोडाउन एरिया
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत,		एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी
	फोन: (91) (22) 24123311		चेन्नई - 600 032.
	फ़ैक्स: (91) (22) 24123322		फोन: (91)(44) 2250 2081-84
	ई. मेल: cgpdtm@nic.in		फ़ैक्स: (91)(44) 2250-2066
			ई. मेल: chennai-patent@nic.in
			 आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु
			तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार	5	पेटेंट कार्यालय, भारत सरकार
	बौद्धिक संपदा भवन,		कोलकाता, (प्रधान कार्यालय)
	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037,		सीपी-2, सेक्टर- V, साल्ट लेक सिटी,
	फोन: (91) (22) 24137701		कोलकाता-700 091, भारत.
	फ़ैक्सः (91) (22) 24130387		फोन: (91)(33) 2367 1943/44/45/46/87
	ई. मेल: Mumbai-patent@nic.in		फ़ैक्स:/Fax: (91)(33) 2367 1988
	❖ ● गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र,		ई. मेल: kolkata-patent@nic.in
	दमन तथा दीव, दादर और नगर हवेली-		
			 भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार		
	बौद्धिक संपदा भवन,		
	प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075.		
	फोन: (91)(11) 2808 1921-25		
	फ़ैक्स: (91)(11) 2808 1920, 2808 1940		
	ई. मेल: delhi-patent@nic.in		
	हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,राजस्थान,		
	उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित		
	क्षेत्र चंडीगढ़		
	वेबसाइट: http://www	w in	india nic in

वेबसाइटः http://www.ipindia.nic.in

www.patentoffice.nic.in

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9637/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 14/10/2015

(43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD FOR PRODUCING FURFURAL

(51) International classification	:C07D307/50,C07D307/44	(71)Name of Applicant:
(31) Priority Document No	:2014045277	1)KAO CORPORATION
(32) Priority Date	:07/03/2014	Address of Applicant :14- 10, Nihonbashi Kayabacho 1-
(33) Name of priority country	:Japan	chome, Chuo- ku ,Tokyo 1038210 Japan
(86) International Application No	:PCT/JP2015/055987	(72)Name of Inventor:
Filing Date	:27/02/2015	1)TAKABE Kenichi
(87) International Publication No	:WO 2015/133413	2)NISHI Takafumi
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	

(57) Abstract:

Filing Date

Provided are: a method for producing furfural by bringing superheated steam into contact with biomass feedstock including hemicellulose obtained by bringing an acid catalyst and a wet agent comprising at least one of a surfactant, an aliphatic alcohol, a multivalent alcohol and an aromatic alcohol into contact with one another; and a method for producing furfuryl alcohol by producing furfural according to the aforementioned production method and then hydrogenating the furfural.

No. of Pages: 39 No. of Claims: 15

(62) Divisional to Application Number :NA

(21) Application No.3279/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: EVA SOFT GRIP

(51) International classification	:B62K21/26	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ATUL THAKRAL
(32) Priority Date	:NA	Address of Applicant :WZ 181/A, GALI NO. 3, SHRI
(33) Name of priority country	:NA	NAGAR, DELHI-110034 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ATUL THAKRAL
(87) 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:

We have developed EVA soft grip without joint for bikes, scooters, motorbikes tow wheeler and all type of three wheeler, sports goods and medical equipment etc.

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

(21) Application No.28/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: ROTARY CAM TYPE RECLINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60N2/235 :NA :NA :NA :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)KRISHNA MARUTI LIMITED Address of Applicant: B-5, CHIRAG ENCLAVE, NEW DELHI Delhi India (72)Name of Inventor: 1)ASHOK KAPUR
Filing Date	:NA :NA	

(57) Abstract:

We claim that the present invention relates to Seat Recliners, which are mainly used in the Seats of Automobiles. Seat Recliner is a mechanism which allows the driver and co-driver to adjust the position of seating system, by positioning of Seat Back (Angular Adjustment) with respect to Seat Cushion. The present invention provides the reclining devices in Seating System by providing lesser consumption of materials, low cost, compact size & lesser weight designing solution with increase in the static strength of reclining device. At present, there are many type of reclining devices being used in Automobiles which are solving different purpose and utility.

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

(21) Application No.3252/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :09/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: CHAIR-TABLE FURNITURE

(51) International classification	·A47C3/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Vinod Kumar Gupta
(32) Priority Date	:NA	Address of Applicant :G4 Masjid Moth, Greater Kailash 2,
(33) Name of priority country	:NA	New Delhi-110048, India Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vinod Kumar Gupta
(87) 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 Chair/table set combined in a flexible manner. The Chair and Table are configured to have independent bases, with an arrangement to couple the base in a flexible manner so as to maintain the independent structure if desired by decoupling the bases. The Chair table set can be used in class rooms and lecture rooms.

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

(22) Date of filing of Application :09/10/2015 (43) Publication Date: 30/10/2015

(54) Title of the invention: ABSORBENT ARTICLE

(51) International :A61F13/15,A61F13/49,A61F13/496

classification

:NA

(31) Priority Document No :2013152528 (32) Priority Date :23/07/2013 (33) Name of priority

:Japan country

(86) International :PCT/JP2014/067884

Application No :04/07/2014 Filing Date

(87) International

:WO 2014/192981 Publication No

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

1)UNICHARM CORPORATION

Address of Applicant: 182, Kinseichoshimobun, Shikokuchuo

-shi .Ehime 799-0111 Japan (72) Name of Inventor: 1)SAITO, Kvota

(71)Name of Applicant:

2)PICHADKITJAWAT, Sarinee

3)BUNROD , Natthakarn 4) CHANGCHAROEN, Jirapa

(57) Abstract:

Filing Date

This absorbent article with a waist opening and leg openings has: an absorbent body; an abdominal- side band member affixed so as to overlap one end of the absorbent body in the vertical direction; and a back -side band member affixed so as to overlap the other end of the absorbent body in the vertical direction, wherein the abdominal -side band member is connected to the back -side band member at both ends in the horizontal direction. The length in the vertical direction of an overlapping section in which the abdominal-side band member overlaps the absorbent body is longer than the length in the vertical direction of an overlapping section in which the backside band member overlaps the absorbent body. The abdominal s-ide band member has abdominal- side continuous elastic members disposed continuously from one end to the other end in the horizontal direction, and abdominal- side discontinuous elastic members disposed discontinuously in the horizontal direction. The back- side band member has back- side continuous elastic members disposed continuously from one end to the other end in the horizontal direction, and back- side discontinuous elastic members disposed discontinuously in the horizontal direction. The sum total of the contractive force of the back -side continuous elastic members is greater than the sum total of the contractive force of the abdominal side continuous elastic members.

No. of Pages: 63 No. of Claims: 9

(22) Date of filing of Application :08/09/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : INTRAVENOUS CATHETER WITH A SECURED MECHANISM TO AVOID REVERSE FLOW OF THE BLOOD

 (51) 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)NEERAJ GUPTA Address of Applicant:110-111, PHASE IV, UDYOG VIHAR, GURGAON 122015 Haryana India (72)Name of Inventor: 1)NEERAJ GUPTA
(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 provides an intravenous catheter with a secured mechanism for prevention of reverse flow of blood. The mechanism consists of a one way valve with slit or groove in its convex portion that is securely inserted within the catheter hub. The construction of one way valve allows flow of fluid in only one direction with the help of gravity infusion pressure and prevents flow of fluid in the opposite direction.

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

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: ENGINEERED LIVER TISSUES, ARRAYS THEREOF, AND METHODS OF MAKING THE SAME

:C12N5/071,A61K35/407 (71)Name of Applicant : (51) International classification 1)ORGANOVO, INC. (31) Priority Document No :13/841430 (32) Priority Date :15/03/2013 Address of Applicant: 6275 Nancy Ridge Dr., Suite 110, San (33) Name of priority country :U.S.A. Diego ,CA 92121 U.S.A. (72) Name of Inventor: (86) International Application No :PCT/US2014/026679 Filing Date :13/03/2014 1)SHEPHERD, Benjamin, R. (87) International Publication No :WO 2014/151921 2) ROBBINS , Justin, B. (61) Patent of Addition to Application 3) GORGEN, Vivian, A. :NA Number 4)PRESNELL, Sharon, C. :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Engineered living, three-dimensional liver tissue constructs comprising: one or more layers, wherein each layer contains one or more liver cell types, the one or more layers cohered to form a living, three-dimensional liver tissue construct. In some embodiments, the constructs are characterized by having at least one of: at least one layer comprising a plurality of cell types the cell types spatially arranged relative to each other to create a planar geometry; and a plurality of layers, at least one layer compositionally or architecturally distinct from at least one other layer to create a laminar geometry. Also disclosed are arrays and methods of making the same. Also disclosed are engineered, living, three-dimensional liver tissue constructs for use in the augmentation or restoration of one or more liver functions by in vivo delivery of tissue or utilization of tissue in an extracorporeal device.

No. of Pages: 116 No. of Claims: 31

(21) Application No.3393/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: REVEAL HIDDEN WITH I MICRO.

 (51) International classification (31) Priority Document No (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	(71)Name of Applicant: 1)VIMAL PUMPOSH Address of Applicant: R.H 8, SUNSHREE, WOODS NIBM ROAD, KONDHWA, PUNE-411048, MAHARASHTRA, Maharashtra India (72)Name of Inventor: 1)VIMAL PUMPOSH
	:NA :NA	T) VII WILL I CAN OOM

(57) Abstract:

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

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYNTHESIS OF NOVEL BIOLOGICALLY ACTIVE MIXED LIGAND YTTRIUM(III) COMPLEXES

		(71)Name of Applicant:
		1)SUNIL SUDAM PATIL
(51) International classification	:C07F	Address of Applicant :DEPARTMENT OF CHEMISTRY
(31) International classification	5/00	CHANGU KANA THAKUR ARTS COMMERCE & SCIENCE
(31) Priority Document No	:NA	COLLEGE NEW PANVEL PLOT NO-01,SECTOR-
(32) Priority Date	:NA	11,KHANDA COLONY,NEW PANVEL(W)DIST RAIGAD
(33) Name of priority country	:NA	MAHARASHTRA-410206 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUNIL SUDAM PATIL
(87) International Publication No	: NA	2)GANESH ANANT THAKUR
(61) Patent of Addition to Application Number	:NA	3)ANIRUDDHA BALKRISHNA PATIL
Filing Date	:NA	4)AKALPITA SHASHANK BODKHE
(62) Divisional to Application Number	:NA	5)MINAKSHI NARENDRAKUMAR GURAV
Filing Date	:NA	6)BHUSHAN PRABHAKAR LANGI
		7)SANJAY KALURAM PATIL
		8)HRUSHIKESH PRABHAKAR DEOKAR

(57) Abstract:

Present invention reports synthesis of biologically active mixed ligand Yttrium(III) complexes from Yttrium(III) chloride, 8-hydroxyquinoline (HQ) and N and / or O donor amino acids (HL) such as L-threonine, L-proline, L-hydroxyproline, L-isoleucine and L-serine. The method comprises conversion of Yttrium(III) chloride precursors to desired complexes using 8-hydroxyquinoline (HQ) as primary ligand (HQ) and amino acids (HL) as secondary ligands (HL) in 1:2:1 proportion. The synthesized mixed ligand Yttrium(III) complexes are novel as they are reported first time. The prepared complexes show excellent biological and germination activity.

No. of Pages: 14 No. of Claims: 7

(22) Date of filing of Application :15/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUTOMATED SHOPPING CART-CARRETILLA 1

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B62B 3/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HARISH RAJURKAR Address of Applicant:ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, GAVASI MANAPUR NAGPUR, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)HARISH V. RAJURKAR 2)CHANCHAL TOMER 3)JANHAVI JOSHI 4)KRIPA DESAI 5)ROWENA SALDANHA 6)AKASH WANKHADE 7)PRAFUL THOMBARE
---	---	---

(57) Abstract:

The automated shopping cart mainly consist of four major parts namely LCD circuit, laser circuit, barcode scanner and lock mechanism. Laser circuit is used here for antitheft purpose. In addition to theses circuits trolley has special slider mechanism for tacking in products automatically .On LCD screen itself the information of product like name, price and quantity are displayed. Trolley is equipped with free scanner to scan from any direction. The door mechanism has employed a servo motor which is pre programmed for performing the locking and unlocking action. The slider system opens and closes up with the help of gate switches and DC Motor installed underneath it. Apart from this, the trolley has a heart PCB of micro controller to which entire circuitry is interface. The especially build door can only be closed and opened with privately authorised barcode of admin (any authorized person or employee).

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: A GAS-SOLID SEPARATOR AND A PROCESS FOR GAS-SOLID SEPARATION

(51) International Area ("aution	G10G11/10	(71)N
(51) International classification	:C10G11/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3rd Floor, Maker Chamber-IV 222,
(33) Name of priority country	:NA	Nariman Point, Mumbai-400021, Maharashtra, India Maharashtra
(86) International Application No	:PCT//	India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)GUNJAL PRASHANT RAMCHANDRA
(61) Patent of Addition to Application Number	:NA	2)MISHRA VED PRAKASH
Filing Date	:NA	3)KATTI SANJEEV SHRINIWAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A gas-solid separator comprises a housing comprises an inlet conduit configured to receive a gas-solid mixture. The inlet conduit extends in an operative downward direction inside the housing. The gas-solid separator further comprises a first outlet conduit configured to discharge cleaned gas containing minute amounts of solid particles and a second outlet conduit configured to evacuate solid particles collected in the housing. The gas-solid separator also comprises a plurality of axial swirl cone cyclones. The axial swirl cone cyclone has a cyclone body having a cylindrical portion that forms a swirl zone and a conical portion extending coaxially from the cylindrical portion that forms a vortex zone. The axial swirl cone cyclone comprises a feed inlet, a cleaned gas outlet disposed, and swirl imparters. A process for gas-solid separation is also disclosed in the present disclosure. Fig.1

No. of Pages: 24 No. of Claims: 15

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : NOVEL ANHYDROUS CRYSTALLINE FORM OF REGADENOSON AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07D 213/00,C07H19/167	(71)Name of Applicant: 1)SKVEN TECHONOLOGIES PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :1004 IRIS KESAR GARDEN
(32) Priority Date	:NA	SECTOR-20 KHARGHAR NAVI MUMBAI 410210
(33) Name of priority country	:NA	MAHARASHTRA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAVEEN REDDY K
(87) International Publication No	: NA	2)RANJITH.S
(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 a novel anhydrous polymorph of Regadenoson of formula (1) and process for the preparation and its methods of isolation which is used for the large scale preparation.

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

(22) Date of filing of Application :12/08/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : A NEW TECHNIQUE FOR ELECTRICITY GENERATION ON MOVING PASSENGER VEHICLES/TRAINS

(51) International classification	:H02K21/22,H02K 7/00	(71)Name of Applicant: 1)JAI SHANKAR SINGH
(31) Priority Document No	:NA	Address of Applicant :C-1/301, MERIDIAN, AAKRITI ECO-
(32) Priority Date	:NA	CITY, BHOPAL-462 039 Madhya Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JAI SHANKAR SINGH
Filing Date	:NA	2)RAJENDRA SINGH GAHLOT
(87) International Publication No	: NA	3)JITENDRA JATAV
(61) Patent of Addition to Application Number	::NA	4)JAGDISH PRASAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to generation of electricity during movement of passenger vehicles/trains by converting the experienced air impact into rotation of an alternator. This has been achieved by installing an alternator on the top of the vehicle in its front portion and attaching an angular fan blade on the alternator shaft so that it can move freely. During movement of the vehicle, the air impact on the blades enables rotation of the alternator and results in generation of electricity which can meet the electrical needs of the moving passenger vehicles/trains coaches as well as increase the efficiency of electrical driven vehicles. The technique is able to generate electricity with the help of surrounding air which is a renewable source with abundant supply. So, the technique provides huge economic and environmental benefits and also opens the doors for many researchers relating to its future uses.

No. of Pages: 11 No. of Claims: 1

(21) Application No.2066/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SPY PENTACOPTER

(51) International classification	1/00, B64C	(71)Name of Applicant: 1)PRAKASH TARUN KUMAR Address of Applicant:1104, PRIYA TOWER, PLOT NO.144, SECTOR 19, KHARGHAR, NAVI MUMBAI 410210
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)PRAKASH TARUN KUMAR
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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:

Spy Pentacopter consist of 5 rotors designed for speed, swiftness and long range of operation. These 5 rotors are connected to 5 independent motors for better efficiency and power. Each rotor has 4 blades with aerodynamic designs for better functionality. This Pentacopter has ability to attach a spy camera at the base and can be controlled from local command center using a computer. Also it has two stability wings with basic ammunition to temporarily paralyze the target. There are four drawings to illustrate the design of the helicopter.

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

(22) Date of filing of Application :01/04/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: BANNER TARGET TOWING (BTT) ON FIGHTER AIRCRAFT FOR PILOT GUNNERY TRAINING WITH REHEAT AND TAKE OFF - BTT CABLE DESIGN WITH WEAK LINK AND SHEAR PIN

(51) I	D < 1 C00 /00	(71)NJ 6 A 11 A
(51) International classification	:B64C99/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AIRCRAFT UPGRADE RESEARCH & DESIGN
(32) Priority Date	:NA	CENTRE (AURDC)
(33) Name of priority country	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(86) International Application No	:NA	LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST
Filing Date	:NA	OFFICE, OJHAR (MIG), NASIK-422207 MAHARASHTRA,
(87) International Publication No	: NA	INDIA Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHARAD KASHINATH BARVE
(62) Divisional to Application Number	:NA	2)SUNIL KUMAR DWIVEDI
Filing Date	:NA	

(57) Abstract:

Banner Target Towing (BTT) is deployed as a target on fighter aircraft for pilot gunnery training. The present BTT are deployed from fighter aircraft without reheat take off. With this the takeoff run of the aircraft is too long and is restriction in case runway length is less. This invention is design of a BTT system that caters for reheat takeoff of the aircraft, thereby reducing the takeoff run. The purpose of designing of BTT for reheat takeoff was to facilitate with BTT for gunnery training of the pilots. The design facilitates utilization of the BTT with short takeoff run. The studies / analysis were carried out for design & development of BTT for reheat take off feasibility study / analysis of BTT system and its operation, preliminary design of the BTT cable with weak link and shear pin, detail design, qualification testing for the breaking load of the shear pin and the complete cable assembly, Flight Trials with reheat take off to assess the performance, shearing of the weak link shear pin and jettisoning of BTT in case of landing /emergency.

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

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : ELECTRONICALLY TUNABLE THIRD-ORDER SWITCHED-CAPACITOR FILTER CONFIGURATION WITH FEED FORWARD SIGNAL TO MINIMIZE OVERSHOOT

(51) International classification	9/00, H03H	(71)Name of Applicant: 1)DR.SHINDE GANESHCHANDRA NARHARRAO Address of Applicant: 9 GANGA NIWAS, HANUMAN NAGAR, TILAKNAGAR ROAD, NANDED 431 605 MAH.
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DR.SHINDE GANESHCHANDRA NARHARRAO
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 concerns the method for designed & implementation of an Electronically Tunable Third-Order Switched-Capacitor Filter Configuration with Feed forward Signal to minimize Overshoot. The invented circuit discusses a new configuration to realize third-order with three filter functions low pass, band pass, and high pass simultaneously in single circuit. The response of circuit is designed and studied for different circuit merit factor Q and different Center frequency fo. The filter circuit can be used for both narrow as well as for wide bandwidth. Thus, this circuit works for electronically tunable bandwidth. The gain roll-off for this circuit is close to the ideal value of 18 dB / octave (40 dB/ decade) as for third order filters. In the invented circuit configuration, the peak gain for overshoot is minimizing from 44 dB to 54 dB due to the feed forward input signal for low pass filter. This filter configuration shows better response for Q > 0.4. Also, stabilization of gain for High pass filter function can be achieved at OdB for Q > 0.4. The Low pass filter function works practically only for higher merit factor Q. The circuit shows better response for Q > 0.4 and fo = 15 kHz. The circuit works properly for higher center frequencies when fo > 20 KHz. Also, the Stabilization of gain for High pass function can be achieved at OdB for fo < 60 KHz. The Low pass filter function works practically only for higher center frequencies. The advantages of this invention circuit are the reduction in size and weight, the increase of circuit reliability, filter with dynamic high range and it is more economical and easier for manufacturing. Also, to provide an extension electronic filter apparatus for different analog components such as used in measurement instruments, sampled data transmission or communication system.

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

(21) Application No.1662/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTINUOUS FILTER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61K31/24, A61P37/09 :NA :NA :NA	(71)Name of Applicant: 1)ARUN DADDA Address of Applicant:ROW HOUSE # 76, HILL GARDEN, TIKUJINIWADI ROAD, MANPADA, THANE (W)-400607 Maharashtra India (72)Name of Inventor:
Filing Date	:NA	1)ARUN DADDA
(87) 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 refers to a continuous dual filter that helps in the separation of sediments from the floating products by using a double filter, namely a perforated mesh in one compartment and a bucket filter in the other

No. of Pages: 4 No. of Claims: 2

(22) Date of filing of Application :16/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: TURNING ROUTER IN TO WEB SERVER

	:H04L	(71)Name of Applicant:
(51) International classification	29/00,H04L12/701,	1)MR.HIREN S.DHUVAD
	H04L12/24	Address of Applicant :504, AFSHA ENCLAVE, SWAMI
(31) Priority Document No	:NA	SATYANAND MARG, B/H MAXUS MALL LANE,
(32) Priority Date	:NA	BHAYANDER (W), 400 706, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)MRS.JINAL H. DHUVAD
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR.HIREN S.DHUVAD
(61) Patent of Addition to Application Numb	per:NA	2)MRS JINAL H.DHUVAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention disclosed an approach which can simplify the process or allows sharing content on web server without using internet.

No. of Pages: 14 No. of Claims: 13

(22) Date of filing of Application :16/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVELOPMENT OF AN OPTIMIZED DESIGN METHODOLOGY & SYNTHESIS FOR STABILITY OF 3RD -POLE CURRENT-MODE ACTIVE- R FILTER USING FEED FORWARD SIGNAL

	·G01P	(71)Name of Applicant:
(51) International classification	15/00	1)DR.SHINDE GANESHCHANDRA NARHARRAO
(31) Priority Document No	:NA	Address of Applicant :9-GANGA NIWAS,
(32) Priority Date	:NA	HANUMANNAGAR, TILAKNAGAR ROAD, NANDED-431
(33) Name of priority country	:NA	605, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.SHINDE GANESHCHANDRA NARHARRAO
(87) 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 study proposes development of an optimized design methodology & synthesis for stability of 3 rd-pole current-mode active-R filter for =20 KHz and Q-factor =1 with Feed forward Signal to realize the stability of circuit. This invention illustrates a new configuration to realize the stability of 3 rd-pole current-mode active-R filter. The proposed circuit implements three transfer functions low-pass, band-pass, and high-pass concurrently in single circuit with work at different nodes with gratified results. It observed that, all poles of transfer functions have negative real parts, and they are lying within the left-half of the s-plane. All poles of transfer functions are at (-1.26105), and $(-6.28x10A4\pm j1.09x10A5)$. The return ratio of Nyquist diagram does not enclose the critical point (-1, 0) for all transfer functions. The gain (Gm) and phase (pj margins are both positive. Thus the closed-loop for all transfer functions of 3 rd-pole current-mode active-R filter at different nodes are asymptotically stable. This filter is stable for 1Hz < f > 1449 KHz for Q-factor = 1. The output and input gains are identical at gain cross over frequency. The benefits of this filter are the reducing in weight and size, increasing of circuit quality with wide range for frequency, and it is easier and more economical for producing.

No. of Pages: 22 No. of Claims: 12

(21) Application No.4081/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN IMPROVED WATER FILTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DIWAKAR DEY Address of Applicant:STATION PARA WARD NO.9, RAJNANDGAON, STATE OF CHHATTISGARH Chattisgarh India (72)Name of Inventor: 1)DIWAKAR DEY
- 14		
Filing Date	:NA	

(57) Abstract:

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

(22) Date of filing of Application :01/10/2015

(43) Publication Date: 30/10/2015

(54) Title of the invention : MICRO-CHANNEL HEAT-EXCHANGER INSPIRED BY LEAF-VENATION FOR ELECTRONIC COOLING

(51) International classification		(71)Name of Applicant: 1)Suhas Sakharam Mohite Address of Applicant: H.O. D, Department of mechanical engineering, Government College of Engineering, Karad, PIN -
(31) Priority Document No	:NA	415124 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Suhas Sakharam Mohite
(86) International Application No	:NA	2)Vinayak P. Gaikwad
Filing Date	:NA	
(87) 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:

Micro-channel heat sink based on leaf venation pattern are designed and fabricated to remove the limitations of conventional parallel micro-channel heat sink. Micro-channels are fabricated on back side of silicon wafer, while electronic circuits are created on the front side. The leaf venation pattern reduces the high temperature gradient along the length of the heat sink. Lowest values of thermal resistance are encountered due to the fabrication of heat sink on a silicon substrate, thus removing more heat from the region. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the isometric view of micro-channel heat sink and Figure 2 of sheet 2 showing the top view of the micro-channel heat sink.

No. of Pages: 14 No. of Claims: 4

(22) Date of filing of Application :26/11/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : AN ENHANCED SECRET DATA HIDING MECHANISM IN MASTER COLOR COMPONENT OF PIXEL BY USING VIRTUAL REPLACEMENT KEY METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	9/00 :NA :NA :NA	(71)Name of Applicant: 1)Prof. Mahip Bartere Address of Applicant: C/o Sunil B.Dahele Chetandas Bagicha, Masanganj, near Nagarsevak SahSahu House, Amravati. Maharashtra India
(86) International Application No Filing Date	:NA :NA	2)Dr. Hemant Deshmukh (72)Name of Inventor:
(87) International Publication No	: NA	1)Prof. Mahip Bartere
(61) Patent of Addition to Application Number	:NA	2)Dr. Hemant Deshmukh
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention provides specially an enhanced secret data hiding mechanism in master color component of pixel by using virtual replacement key method. The existing stenographic methods can be measured from its parameters like transparency, quality, data hiding capacity, PSNR, MSE etc. Existing methods are lacking in data hiding capacity and this is our main motto to increase data hiding capacity up to infinity level. It provides security to hidden message from unauthorized accesses. The proposed algorithm performed evaluation in terms of embed ability criterion, computational cost, computational time, hiding capacity etc. To maintain Image Perceptual quality it is necessary that to avoid suspicion the embedding should occur without significant degradation or loss of perceptual quality of the cover media. In the proposed methodology, our concept will achieve huge data hiding capacity irrespective of carrier size. This may lead to an enhance technology in an era of secure data transmission. Following invention is described in detail with the help of Figure 1 of sheet 1 showing data flow diagram of proposed method.

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

(22) Date of filing of Application: 19/01/2015 (43) Publication Date: 30/10/2015

(54) Title of the invention: Synthesis and study of bio-erodable material using low density polyethylene and polyethylene glycol

(51) International classification	:A61F 2/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Vijaya Sangawar
(32) Priority Date	:NA	Address of Applicant :Polymer Research Laboratory,
(33) Name of priority country	:NA	G.V.I.S.H. Amravati (M.S.) INDIA Maharashtra India
(86) International Application No	:PCT//	2)Amit Gadre
Filing Date	:01/01/1900	3)Ganesh Yerawar
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Vijaya Sangawar
Filing Date	:NA	2)Amit Gadre
(62) Divisional to Application Number	:NA	3)Ganesh Yerawar
Filing Date	:NA	

(57) Abstract:

ABSTRACT The present invention relates to a method of synthesis of bio-degradable plasticmaterial by using a PEG (Polyethylene glycol) + LDPE (Low density polyethylene). Following invention is described in detail with the help of Figure 1 of sheet 1 shows the graph of XRD of LP5P0, Figure 2 of sheet 1 shows the graph of XRD of LP5P9, Figure 3 of sheet 2 shows the graph of XRD of LP5P12, Figure 4 of sheet 2 shows the graph of LP5P18, Figure 5 of sheet 3 shows the graph of FTIR of LP5P0, Figure 6 of sheet 3 shows the graph of FTIR of LP5P9, Figure 7 of sheet 4 shows the graph of FTIR of LP5P12, Figure 8 of sheet 4 shows the graph of FTIR of LP5P18, Figure 9 of sheet 5 shows the graph of UV-VIS spectrum of LP5P0, Figure 10 of sheet 5 shows the graph of UV-VIS spectrum of LP5P12 and Figure 12 of sheet 6 shows the graph of UV-VIS spectrum of LP5P18.

No. of Pages: 22 No. of Claims: 5

(22) Date of filing of Application :25/05/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: LITHIUM COMPLEX GREASE MANUFACTURING PROCESS

(51) International classification		(71)Name of Applicant:
	117/00	
(31) Priority Document No	:NA	LIMITED.
(32) Priority Date	:NA	Address of Applicant :101, KETAN APARTMENTS, 233, R.
(33) Name of priority country	:NA	B. MEHTA MARG, GHATKOPAR-EAST, MUMBAI-400 077,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. VIJAY PRABHAKAR DESHMUKH
(61) Patent of Addition to Application Number	:NA	2)MR. BHUPENDRASING KOMALSING RAJPUT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for manufacturing high dropping point lithium complex greases is developed using hydrogenated castor oil (HCO) as fat and boron esters as complexing agents. The said process gives lithium complex greases with high dropping point and better mechanical and roll stability.

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

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : TESTING OF WIND GENERATOR RESEARCH MODEL USING BICYLE AND GEAR BOX FOR PREDICTION OF PERFORMANCE OF ONSITE WIND GENERATOR BEHAVIOUR

	:F03D 11/00.	(71)Name of Applicant: 1)DATTA SAMPATRAO CHAVAN
(51) International classification	F03D1/02,	Address of Applicant :AMRUT KAILASH NAGRI, C-203,
	F03D9/00	S.NO.34/13A, AMBEGAON BUDRUK, BEHIND BHARTI
(31) Priority Document No	:NA	VIDYAPEETH, KATRAJ, PUNE-411046, MAHARASHTRA,
(32) Priority Date	:NA	INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PARASHURAM BALWANT KARANDIKAR
Filing Date	:NA	2)KADAGANCHI NEHAL RAMESH
(87) 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:

Voltage flicker and other power quality parameter prediction is the major issue in site selection for wind power plant. Testing of the wind generator in scaled down model to predict the voltage flicker and other power quality parameters is a new concept. In this innovation bicycle is used as a prime mover for the scaled downed low capacity wind generator. The wind generator may be squirrel cage induction generator, slip ring induction generator, synchronous generator or permanent magnet synchronous generator or any other type. Electricity is saved in this research as no external electricity is used for testing the wind generator. The test set up can be easily built as the mechanism is simple; the material required for the test set is also easily available. Moreover testing procedure is very simple.

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

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

(43) Publication Date: 30/10/2015

(54) Title of the invention: TEST SET UP STUDY IMPACT OF SURFACE ROUGHNESS ON VOLTAGE FLICKER INITIATED IN WIND TURBINE RESEARCH MODEL.

(51) International classification	11/00, F03D	(71)Name of Applicant: 1)DATTA SAMPATRAO CHAVAN Address of Applicant: AMRUT KAILASH NAGRI, C-203, S.NO.34/13A, AMBEGAON BUDRUK, BEHIND BHARTI
(31) Priority Document No	:NA	VIDYAPEETH, KATRAJ, PUNE-411 046, MAHARASHTRA,
(32) Priority Date	:NA	INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PARASHURAM BALWANT KARANDIKAR
Filing Date	:NA	2)KADAGANCHI NEHAL RAMESH
(87) 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:

Various surfaces like seashore and offshore surfaces can simulated in the test set up for studying the impact of that surface on power quality parameters such as voltage flicker and may more. The main idea in this invention is that various types of surface roughness are created in the wind turbine test set up. Wind turbine can be tested for various wind conditions and surface roughness on scaled down basis. Results obtained can be scaled up to predict voltage flicker as well as other power quality parameters of wind turbine

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

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : POINT SOURCE OF AIR TO STUDY IMPACT OF VERTICAL SHEAR ON FLICKER INITIATED IN WIND TURBINE RESEARCH MODEL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F03D 1/00 :NA :NA :NA	(71)Name of Applicant: 1)DATTA SAMPATRAO CHAVAN Address of Applicant: AMRUT KAILASH NAGRI, C-203, S.NO.34/13A, AMBEGAON BUDRUK, BEHIND BHARTI VIDYAPEETH, KATRAJ, PUNE-411 046, MAHARASHTRA,
(86) International Application No	:NA	INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PARASHURAM BALWANT KARANDIKAR
(61) Patent of Addition to Application Number	:NA	2)KADAGANCHI NEHAL RAMESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Vertical and horizontal wind shear affects the performance of the wind generation. Power quality parameters such as output voltage, output power, voltage flickers, frequency etc get affected. The invention is to create the facility to test impact of vertical / horizontal wind shear more accurately. Two point sources of air are used in the test set up, to blow the air on the wind turbine blades at different speeds to create the wind shear. The time required to produce the wind shear is less and wind shear can be controlled accurately.

No. of Pages: 13 No. of Claims: 3

(21) Application No.3888/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: EXPERIMENTAL SET UP FOR FLOW BOILING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	13/00 :NA :NA :NA :NA	Address of Applicant :Associate Professor, Heat Transfer Laboratory, Mechanical Engineering Department, Govt. College of Engineering, Karad 415124 Maharashtra India 2)Pise Ashok Tukaram
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)Acharya Anil Ramchandra 2)Pise Ashok Tukaram

(57) Abstract:

Present invention provides specially designed, developed and implements an experimental setup for flow boiling process. The present invention relates to a novel instrument for enhanced heat transfer rate in flow boiling process. More particularly, the present invention relates to a novel idea of tilting for various parameters. Especially in distillation process if this novel instrument is used, the heat transfer rate enhancement at a particular tilt will ultimately reduce the time and energy required to complete the process. Saving in time and energy is having impact on productivity and profit. Following invention is described in detail with the help of Figure 1 of sheet 1 showing schematic diagram of flow boiling experimental set-up and Figure 2 of sheet 2 showing flow boiling setup for studying flow boiling regimes .

No. of Pages: 16 No. of Claims: 4

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR TREATING BIO-ORGANIC WASTE WATER SLUDGES AND OTHER ORGANIC WASTE 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 Filing Date 	3/00, C02F 11/00	(71)Name of Applicant: 1)CERES BIOSYSTEMS LIMITED Address of Applicant: 229 NIAGARA STREET TORONTO ONTARIO CANADA M6J2L5 Canada (72)Name of Inventor: 1)JOHN ROBERT SAMPSON 2)KEVIN MICHAEL ANDREWS
---	------------------------	---

(57) Abstract:

The present invention relates to a method of converting organic waste materials including bio-organic and/or wastewater sludges into a soil amendment or fertilizer with a beneficial mix of macro and micro nutrients that can be used on agriculture land requiring an amendment or fertilizer with a neutral pH. The invention is particularly useful in stabilizing the organic waste so that they can be safely utilized in combination with other micro and macro nutrient additives.

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

(21) Application No.5335/CHE/2015 A

(19) INDIA

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

(54) Title of the invention : QUANTUM DOT INGRAINED AND DUAL MOTIF TETHERED ARTIFICIAL VIRUS LIKE STRUCTURE FOR GENE DELIVERY

(51) International classification	:c12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NADACKAL BABY JOMON
(32) Priority Date	:NA	Address of Applicant :NADACKAL (H), VALACHIRA,
(33) Name of priority country	:NA	KADUTHURUTHY P.O., KOTTAYAM - 686 604, Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NADACKAL BABY JOMON
(87) International Publication No	: NA	2)DR. KANNISSERY PRAMOD
(61) Patent of Addition to Application Number	:NA	3)JOHN SYRI;
Filing Date	:NA	4)MOOTHEDATHU RAYNOLD AJI ALEX
(62) Divisional to Application Number	:NA	5)DR.CHETTIYAM VEETTIL SUNEESH
Filing Date	:NA	6)DR.MEHER ALI ABU TAHIR

(57) Abstract:

Embodiments of the present invention report invention is related to an artificial virus like structure in the size range of 10-1000 nm for delivering gene. Quantum dot is ingrained in the artificial virus like structure which is dual motif tethered. The structure consists of a central core of citrate stabilized zinc oxide quantum dots capped with polyethyleneimine. To the core a covering of folic acid conjugated albumin and DNA(gene)conjugated to cell penetrating peptide is given to form the artificial virus like structure.

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

(54) Title of the invention : A UHF RFID READER ANTENNA INTEGRATED WITH NEAR FIELD AND FARFIELD OPERATIONS

(51) International classification	:G01s	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MALATHI KANAGASABAI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELCTRONICS
(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)JAYARAM K P
(87) International Publication No	: NA	3)M.GULAM NABI ALSATH
(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)JAYARAM K P
Filing Date	:NA	3)M.GULAM NABI ALSATH

(57) Abstract:

The present invention relates to RFIDs (radio frequency, identification systems) employed for tracking and identification of objects attached with RFID tags. The present invention is a multi service antenna serving both near filed and farfield RFID reader operation requirements. The circular polarisation in the farfield is achieved by asymmetric perturbation in the slot radiator. The present invention comprises of an L shaped feed used to feed the antenna, which gives impedance bandwidth of 12.6%. The circular polarization in the farfield is achieved by employing asymmetric perturbation technique. The inductive coupled near field is generated by two magnetic field generators viz. multiple ODC and an ODC element. The antenna is fabricated on single layered FR4 substrate. The present invention provides strong and uniform magnetic field results in improved read range as well as the interrogation area for a lesser input power.

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

(54) Title of the invention: A DEVICE AND METHOD FOR FABRICATION OF ULTRA-WIDE BAND MICROSTRIP GRID ARRAY ANTENNA (GAA)

(51) International classification	:G01S	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MALATHI KANAGASABAI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELCTRONICS
(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)M.GULAM NABI ALSATH
(87) International Publication No	: NA	3)LIVYA LAWRANCE
(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)M.GULAM NABI ALSATH
Filing Date	:NA	3)LIVYA LAWRANCE

(57) Abstract:

The present invention pertains to a means for minimizing the impact of pre-crash, collision avoidance and other safety relevant applications in automotive radars. The Grid Array Antenna is developed to facilitate enhanced sensing range covering the 21.5 GHz-26.5 GHz band with operating frequency centered at 24.5 GHz with reference VSWR < 2. The GAA consists of 33 radiating elements and are excited using a common transmission line centre fed by a 50 Q coaxial probe. Furthermore, amplitude tapering techniques are employed to lower the side lobe level. The radiation beam width (3dB) of the prototype is 10° and 92° in the azimuth and elevation planes at 24 GHz. The developed amplitude-tapered GAA provides 2.5 GHz effective operational bandwidth with VSWR < 2 and gain variation less than 3 dB. In addition, the miniaturized broadside radiator exhibits high gain across the operating band, low cross polarization level and radiation efficiency of 96%, with a side lobe level of less than -15 dB measured at 24 GHz. The measured peak gain is 13.87 dB at 24 GHz. The merits of wide bandwidth and required radiation characteristics of the linearly polarized GAA make it a promising candidate for automotive radar technology.

(21) Application No.5461/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUXILLARY PROPULSION USING KITE/SAIL

(51) International classification :B	63H (71)Name of Applicant :
(31) Priority Document No :N	A 1)AMET UNIVERSITY
(32) Priority Date :N	A Address of Applicant :135 EAST COAST ROAD,
(33) Name of priority country :N	A KANATHUR - 603 112 Tamil Nadu India
(86) International Application No :N	A (72)Name of Inventor:
Filing Date :N	A 1)DR. A.S. PERUMAL
(87) International Publication No : 1	(A 2)DR. N. MANOHARAN
(61) Patent of Addition to Application Number :N	A 3)MRS. VIJAYALAKSHMI C.H
Filing Date :N	A
(62) Divisional to Application Number :N	A
Filing Date :N	A

(57) Abstract:

This invention discloses a method of Introducing Renewable Energy for ship Propulsion. A performance study of auxiliary wind propulsion by means of traction of kite is discussed. A theoretical study has been carried out as to how much fuel can be saved in various environmental conditions. The auxillary propulsion using kite/sail results in thrust produced to pull the vessel in the forward direction while also meeting with the IMO tier-II regulations for all new ships.

(22) Date of filing of Application :09/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HYBRID ASH BRICKS AND METHOD OF PREPARATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)K. VIDHYA Address of Applicant: ASSOCIATE PROFESSOR IN CIVIL, 5/57, KAILASAMPALAYAM, VADUGAM POST,
(86) International Application No Filing Date	:NA :NA	RASIPURAM T.K., NAMAKKAL DISTRICT - 637 407 Tamil Nadu India
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	2)DR. S. KANDASAMY (72)Name of Inventor: 1)K. VIDHYA
(62) Divisional to Application Number Filing Date	:NA :NA	2)DR. S. KANDASAMY

(57) Abstract:

Natural clay is the prime ingredient of conventional clay brick. For the manufacture of clay bricks, huge quantities of natural clay soil are mined. Also, soil erosion is hastened. Thus precious land resources are affected. Moreover, moulded natural clay bricks are burnt in kilns which use fire wood as fuel. A number of trees are cut down to collect firewood. This leads to deforestation which produces adverse effects on the environment. Thermal power plants generate large volumes of coal ash collected as dry fly ash and wet pond ash. The safe disposal of this material is a great concern. Fly ash finds some usefulness as an additive in the manufacture of cement, bricks and blocks. But much attention has not been paid on the effective utilization of pond ash. The objective of this invention is to develop a green building material namely HYBRID ASH BRICKS AND METHOD OF PREPARATION by utilizing both coal ashes, bagasse ash with standard ingredients. These hybrid bricks can be used as units of brick masonry to construct load bearing walls and infill walls. The mix proportions were designed. The hybrid ash bricks were manufactured. They were tested as individual brick units as per Indian Standards. Due to enhancement in strength and other mechanical properties, reduction in manufacturing cost, utilization of waste byproducts, hybrid ash bricks have evolved as an alternative sustainable green building material.

(21) Application No.6164/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE: HUMAN VEIN IDENTIFIER

:A61B	(71)Name of Applicant:
:NA	1)DR.P.VINOD KUMAR,
:NA	Address of Applicant :70A, SARASWATHYVILASAM,
:NA	PALLIVILAI, VETTUNIMADAM, NAGERCOIL,
:NA	KANYAKUMARI DISTRICT, TAMIL NADU - 629 003 Tamil
:NA	Nadu India
: NA	(72)Name of Inventor:
:NA	1)DR.P.VINOD KUMAR,
:NA	2)P.PONRAM
:NA	3)B.C.ANISH KRISHNAN NAYAR
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

■I ABSTRACT OF THE INVENTION This invention is useful for identify the vein on human body. This device has skin illuminating light source, a magnifying glass to detail see the visible vein and hollow triangular structure which makes the skin illuminated and curtailing external radiation. The principle behind the device is that when light is irradiated skin gets illuminated while the vein absorbs it and appears to naked eye as small rivulet like pattern. Therefore contrasting colours are produced for the skin and vein. This helps the medical personnel to identify the vein easily. FIG.2.

(21) Application No.3492/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :16/07/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR SCHEDULING MEETINGS

(51) Y	00.00	
(51) International classification	:G06Q	(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)RAGHAVENDRA HOSABETTU
(87) International Publication No	: NA	2)PARTHASARATHY ARMUGASAMY
(61) Patent of Addition to Application Number	:NA	3)KIRAN KUMAR C S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a method and a system for scheduling meetings. In an embodiment, the method comprises receiving, by a meeting organizer system, meeting data and information about a plurality of registered participants. Then, a unified view of one or more profiles of each of the registered participants is generated based on one or more predefined rules. Further, a confidence score is determined for predicting success of the meeting organization based on at least one of the meeting data and historical data of each of the registered participant. Then, meeting schedule is modified based on the confidence score. Finally, a meeting invitation to a participant device associated to each of the registered participants based on the confidence score. FIG.4

(21) Application No.5411/CHE/2014 A

(19) INDIA

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

(54) Title of the invention : BAND GAP SMOOTHENING IN PV STRING USING CONTROLLED SIMULATION OF ELECTRONS BY INTERMITTENT ELECTROSTATIC GENERATION

(51) I. (1) (1) (1) (1) (1) (1)	.11011	(71) No. 10 C. A. 10 Provide
(51) International classification		(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. D.Padma Subramanian
(87) International Publication No	: NA	2)Jeby Thomas Jacob
(61) Patent of Addition to Application Number	:NA	3)M.Dheepak
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A novel method for band gap smoothening in PV string using High frequency floating pulse generator (HFPCG) is proposed utilizing the principle of controlled stimulation of electrons by intermittent electrostatic generation. Solar Panel String Band Gap smoothening method comprises of a HFPCG, Logic analyzer and controller to trigger HFPCG and data acquisition system. Triggering of HFPCG is achieved by varying the duty cycle. Variation in duty cycle is performed through a control algorithm which involves a comparison of measured values of irradiation, insolation and solar power generation with the ideal values. If the measured values do not match with the ideal values, the HFPCG is triggered to produce a high frequency pulse which gives acceleration to the electrons which will result in floating the electrons in the valence band to a level closer to conduction band. This in turn will help the low energy electrons to cross the band gap. Thus by proper variation of duty cycle of HFPCG, band gap smoothening and hence enhancement solar plant performance can be made.

(22) Date of filing of Application :28/07/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : THE METHODS OF CONSTRUCTING FLOATING BUILDINGS AND OTHER FLOATING APPARATUS

(51) International classification	:E04B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MUTHUPAIYAN MULLAIVALAVAN
(32) Priority Date	:NA	Address of Applicant :LECTURER, DEPARTMENT OF
(33) Name of priority country	:NA	ARCHITECTURAL ASSISTANTSHIP, DR.DHARMAMBAL
(86) International Application No	:NA	GOVERNMENT POLYTECHNIC COLLEGE FOR WOMEN,
Filing Date	:NA	THARAMANI, CHENNAI - 600 113, Tamil Nadu India
(87) International Publication No	: NA	2)VIJAYAN PONMALAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MUTHUPAIYAN MULLAIVALAVAN
(62) Divisional to Application Number	:NA	2)VIJAYAN PONMALAR
Filing Date	:NA	

(57) Abstract:

The existing floating buildings and other floating apparatus have been made by creating air packets in the constructions. Further, they have also concentrated different material usage for constructing the same. In this invention an attempt was made for construction- of floating building and other floating apparatus by incorporating or creating vacuum, in the construction or. by attaching many grouped vacuum sources and its cumulative bulks on the respective buildings or in the apparatus. Hence, floating behavior of buildings or in the apparatus can be achieved by three different methods. First method, Different sizes and shapes of hollow core created walls and floors are filled partially by riieans of vacuum sources. Second method, by attaching many grouped vacuum sources and, its cumulative bulks on the buildings or in the apparatus. In combination of both 1 & 2 is it Ke third method In general; The Vacuum packets can be created in two different methods. One is artificial: method and another one is Natural method. Creating Vacuum in the floating construction will give, following significant advantages as compared with existing: Higher amount of load carrying per unit volume of buildings space. It is very difficult for pushing the vacuum packets inside water, this will enhances the-safety of the building. The requirement of quantity of vacuum heeded for constructing floating structures Is yery less Thecost irivolvedfofcreating vacuum in the construction is very less. Theireforevithis-lecnniquejs most effective andeconomical one in the field of constructing floating buildings or in the apparatus is totally new invention which is not extsts. Figure. 3

(21) Application No.5482/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR GENERATING PANORAMIC IMAGES WITH REAL-TIME ANNOTATIONS

(71) I	COCE	
(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)PRIYANSHU SHARMA
(87) International Publication No	: NA	2)VIGNESH PRABU SINGANALLUR DHANDAPANI
(61) Patent of Addition to Application Number	:NA	3)KIRAN KUMAR CHANNARAYAPATNA
Filing Date	:NA	SATHYANARAYANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a method for generating panoramic images with real-time annotations. In an embodiment, an image annotation device is present within the computing device. The image annotation device receives a plurality of frames of an environment and identifies one or more region of interest (ROI) in the plurality of frames. The image annotation device further captures one or more annotations and sensory data with respect to the one or more ROI and combines each of the plurality of frames along with the one or more annotations and sensory data to generate panoramic images with real-time annotations. Fig.2

(21) Application No.5462/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: GENERATION OF POWER ONBOARD SHIPS USING TUNNEL THRUSTERS/TURBINES

:B63B	(71)Name of Applicant:
:NA	1)AMET UNIVERSITY
:NA	Address of Applicant :135 EAST COAST ROAD,
:NA	KANATHUR - 603 112 Tamil Nadu India
:NA	(72)Name of Inventor:
:NA	1)DR. A.S. PERUMAL
: NA	2)DR. N. MANOHARAN
:NA	3)MRS. VIJAYALAKSHMI C.H
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

This invention discloses a method of generating power onboard ships using Tunnel Thrusters / Turbines. Tunnel thrusters / propellers are fitted in the ship to generate power. They are permanent fittings inside the ship and located just below the draft level and inside the double bottom tanks.

(21) Application No.5463/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : SELF REGULATING SLOW SPEED TURBO CHARGER SYSTEM IN DIRECTLY COUPLED MARINE PROPULSION ENGINES

(51) International classification	:B63H	(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 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	4)Prof. A.Venugopal
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Self Regulating Slow Speed Turbo charger system in directly coupled Marine Propulsion Engines The present invention is directed to a system of Turbo Charger in a Marine Propulsion Engine that will have self regulation on the production of exhaust gas at slow speed operation and maintain optimum operation of the Turbo charger in a Marine Propulsion Engine.

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

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMIC JOB ALLOCATION BASED ON ACOUSTIC SENTIMENTS

(51) International classification	:H04M	(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)Nithya Ramkumar
(87) International Publication No	: NA	2)Soham Bhaumik
(61) Patent of Addition to Application Number	:NA	3)Amit Krishna
Filing Date	:NA	4)Mahesh Chowdary
(62) Divisional to Application Number	:NA	5)Hemant Kumar
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to methods of systems for allocating a call from a user to an agent. Embodiments of the disclosure may determine a set of sentiment indicators associated with the user from one or more acoustic parameters of the call. In addition, embodiments of the disclosure may select a candidate agent to handle the call based on the set of sentiment indicators and a sentiment handling capability associated with the candidate agent. Moreover, embodiments of the disclosure may allocate the call to the candidate agent.

(22) Date of filing of Application :09/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR STRENGTHENING SOFTWARE ARCHITECTURE USING A COMPREHENSIVE CORE PRACTICE

(51) International classification	:G01S	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Dr. CHITTA VENKATA PHANI KRISHNA
(32) Priority Date	:NA	Address of Applicant :8-241, Gayatri Nilayam, Srinivasa
(33) Name of priority country	:NA	Nagar, Tadigadapa(Post), Penamaluru(Mandal), Vijayawada,
(86) International Application No	:NA	Krishna(Dt), Andhra Pradesh-521137, India. Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Dr. CHITTA VENKATA PHANI KRISHNA
Filing Date	:NA	2)Dr. KURRA RAJASEKHARA RAO
(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 strengthening the software architecture by using a comprehensive core practice defining at computing device comprising at least one metaphor unit for strengthening at least one software architecture. Maintaining consistency of a program code for the software architecture by the developer across a metaphor unit. Breaking the program code signs into smaller modules for addressing the software architecture components and functionality. Examining the program code signs results from the metaphor unit to see whether program code signs exist for the major components and functionality of the software architecture. Checking the software architecture components and functionalities for identifying interactions are left indescribable by the metaphor unit. Checking the metaphor unit whether the software architecture making complicated. Obtaining the flexible software architecture by avoiding the interactions and complicated architecture by architecture lite.

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: GREEN CORROSION INHIBITOR FOR STEEL IN ACID MEDIUM

(F1) Y	G22F11/00	
(51) International classification	:C23F11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. REXIN THUSNAVIS. G.
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(33) Name of priority country	:NA	PIONEER KUMARASWAMY COLLEGE, NAGERCOIL Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	2)DR. VINOD KUMAR. K. P
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. REXIN THUSNAVIS. G.
Filing Date	:NA	2)DR. VINOD KUMAR. K. P
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Phoenix dactyliferasQQd is subjected to corrosion evaluation by the following methods. Weight loss - reveals nearly centum percentage inhibition efficiency at 30° C. - even at 50° C, the metal is protected appreciably. Free energy and enthalpy values correspond to spontaneous adsorption of the inhibitor and protection of the metal. The electrochemical investigations indicate the mixed mode of inhibition and the mechanism of inhibition is through adsorption. The adsorption is due to the lone pair of electrons present in the hetero atoms of the P. dactyliferawhich is validated from IR spectral studies. The SEM photographs bring to light the protective nature of steel by inhibitor. The results suggest that the seed of/, dactylifera is an effective corrosion inhibitor, which can be substituted for synthetic inhibitor for better performance and environmental protection.

(21) Application No.2734/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :04/06/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SPAASH BRICKS

(51) International classification	:C04B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. S. LAVANYA PRABHA
(32) Priority Date	:NA	Address of Applicant :AE53, 1ST STREET, SHANTHI
(33) Name of priority country	:NA	COLONY, ANNA NAGAR, CHENNAI - 600 040 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	2)MRS. R. SWETHA
(87) International Publication No	: NA	3)MR. R. SATHISH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. S. LAVANYA PRABHA
(62) Divisional to Application Number	:NA	2)MRS. R. SWETHA
Filing Date	:NA	3)MR. R. SATHISH

(57) Abstract:

The SPAASH Bricks are made by appropriate recycling of these industrial by product materials like fly ahs, copper slag, Gypsum and phosphor gypsumis. The SPAASH Brick is made to evaluate the technical possibilities of incorporating fly ash, copper slag and gypsum in production of building blocks. Various mixtures were prepared by incorporating these industrial wastes with different weight proportion. The suitable mix proportion was founded as 1:2:2 ([G+PG+C]: CS: FA) after several attempts. With these proportions the building blocks are cast. The physical and mechanical properties like unit weight, compressive strength, flexural strength, tensile strength, dimensional stability, water absorption and efflorescence values of that specimen were founded out. The results were compared with conventional building blocks and fly ash bricks, results shows a very good increase in the values. Thus, the utilization of these wastes additives is not only for conservation of clay resources, but also an alternative solution to difficult and expensive waste disposal problems copper slag and fertilizer units waste.

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: STATION BORING MACHINE FOR UNDERGROUND TRANSIT RAIL STATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C04B :NA :NA :NA	(71)Name of Applicant: 1)NARESH KUMAR. M Address of Applicant: NO. 16/9, FRANCIS TURIN STREET, SEVENWELLS, CHENNAI - 600 001 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)NARESH KUMAR. M
(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 earth excavation machines and moreover particular to tunnel boring machines for underground station box construction. The primary object of present invention is to provide tunnel boring machine for station box generally rectangular cross-section configuration. This station boring machine is classified into Hard rock SBM and Earth pressure SBM consists of upper level cutter head for concourse level and lower level cutter head for platform level. Where the SBM advances to earth face by self crawling system and extension-contraction of thrust cylinders over the precast segments interconnected by ring rods suitably shaped to form rectangular cross-section station box.

(21) Application No.5703/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :12/11/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: UNDERGROUND LEVEL GRAVITY WATER PUMP

(51) International classification	:B01D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Chenniyappa Raju
(32) Priority Date	:NA	Address of Applicant :No: 113, 3rd Main Road,
(33) Name of priority country	:NA	A.G.S.Colony, Anandhnagar, H.A.Farm Post, Bangalore-560 024,
(86) International Application No	:NA	Karnataka, India Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Chenniyappa Raju
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Underground Level Water Gravity Pump that lifts water from underground level solely making use of gravitational force, without using electrical energy. The device, a conduit frame has two vertical and horizontal conduits running parallel to each other. The two vertical columns accommodate a piston (4, 4a) with connecting rod (5, 5a) linking a non-return valve (8, 8a) placed above it, arresting the reverse flow of water. The upper and lower horizontal conduit of the frame (2, 2a) accommodates water/oil/ (1) and is sealed. An inlet tube (7), through which the water enters is positioned at the bottom half of the device, equipped with a non-return valve (6, 6a) on both the sides and an outlet tube (11, 11a) through which water exits is positioned at the top half of the device with a reserve outlet pipe (20, 20a) with outlet air vent (21, 21a) and end cap (19, 19a).

(22) Date of filing of Application :27/06/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: BANANA SHAPED FOOT CLEANING DEVICE

	=0.40	
(51) International classification	:E04G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GEORGE P JACOB
(32) Priority Date	:NA	Address of Applicant :S/O MATHAI CHACKO, AGED 38
(33) Name of priority country	:NA	YEARS, PALATH HOUSE, KANDAMANGALAM (PO),
(86) International Application No	:NA	MANNARKAD VIA, MANNARKAD TALUK, PIN - 678 583,
Filing Date	:NA	PALAKKAD DISTRICT Kerala India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GEORGE P JACOB
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A portable foot scrubbing device made with HIPS plastic and cement mortar with a total length of 9.5 inches, width 9.5 inches and with height of 3.5 inches consist banana shaped foot scrubbing unit and palette shaped base with linch height. The said bottom of the base is pasted with 5 mm thick rubber foam which works as a grip while in use. On the lower part of the top of the said palette base, 1 inch height and 3mm thick curved banana shaped wall is moulded, in the inner center of the said wall four anchor hooks in a sequence are also moulded. The said wall strengthens and provides the shape of the curved banana to the cement mortar. On the center of the top end portion of the said wall a rectangular shaped projection is made with 1.5 inch length, 1 inch height and with 10mm thickness, the same termed as toe holder a slight curving is also made on the front top of the device. The toe holder is for the purpose of holding the device by toe and the adjacent finger while scrubbing on the device with other foot. The banana shaped concrete is coated with tile polish to reduce the roughness and to increase the life of the banana shaped mortar. A hole with 15 mm diameter is made in the front top end portion of palette shaped base, that helps in easy hanging of the device on the wall while not in use. The banana shaped concrete is coated with tile polish to reduce the roughness and to increase the life of the banana shaped mortar. Now the device is ready for complete foot cleaning in all angles by rubbing. The unique design of curved banana shaped wall along with cement mortar is a break through in the field of foot rubbing as it ensures comprehensive foot cleaning.

(22) Date of filing of Application :12/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: A NOVEL PROCESS FOR THE PREPARATION OF MIRABEGRON

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Since Sin	(71)Name of Applicant: 1)VIVIMED LABS LTD, Address of Applicant: H.NO. 4-7-102/6 & 11, VEERNAG TOWERS, HABSIGUDA, HYDERABAD - 500 007, Telangana India (72)Name of Inventor: 1)DR.M.SAMBHU PRASAD SARMA, MALLELA 2)DR.GANGADHARA RAO, YARRAPOTHU 3)RAVEENDRA, PALAKALURI 4)SYAMA SUNDAR, DURGUMAHANTHI 5)RAVINDER REDDY, KALVALA 6)SRIDHAR REDDY, SHAKAMPALLY
--	---

(57) Abstract:

The present invention relates to a process for the preparation of Mirabegron compound of Formula-1, which involves an in-situ step, for the reduction of (7)-2-hydroxy-7V-(4-nitrophenethyl)-2-phenylacetamide of formula-4 to obtained (7)-2-(4-nitrophenethylamino)-l-phenylethanol of formula-5 without isolating the compound of formula-5 is converted to (7)-2-(4-aminophenethylamino)-l-phenylethanol of formula-6 or its salts formula-6a, is treated with 2-(2-aminothiazol-4-yl) acetic acid of formula-7 or its acid derivatives of formula-7a to obtain Mirabegron compound of formula-I

(21) Application No.5456/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUTISM AND DISABILITY NORMALIZING METHOD FOR HUMAN CONDITIONS

(51) International classification	:A61K38/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.S.MOHANDAS
(32) Priority Date	:NA	Address of Applicant :THOPPIL HOUSE, PARAKKARA
(33) Name of priority country	:NA	PO, THATTAYIL, PATHANAMTHITTA DIST., PIN. 691 525,
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR.THATTAYIL MOHANDAS
(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 disclosed the purpose of normalizing human disabilities by birth and naturally happening later by living style or toxins. All the human disability is considered as conditions and have no medical treatment available

(21) Application No.5458/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :12/10/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention : NON-DESTRUCTIVE EVALUATION OF MARINE COMPOSITES AND NANOCOMPOSITES USING PHOTOTHERMAL DEFLECTION TECHNIQUE

(74)	G0.5.G	71.33
(51) International classification	:C07C	(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 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Anita R Warrier
(87) International Publication No	: NA	2)Dr.N.Manoharan
(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 the use of photothermal deflection technique for non-destructive evaluation of defects and damages such as cracks, corrosion in ship hulls and marine structures. Further since this technique is an optical one, it is the most suitable form of NDT technique to evaluate Marine composites and nanocomposite structures.

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A METHOD OF DETERMINING DISCHARGE READINESS CONDITION FOR A PATIENT AND SYSTEM THEREOF

(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)SATISH PRASAD RATH
(87) International Publication No	: NA	2)UPENDRA SUDDAMALLA
(61) Patent of Addition to Application Number	:NA	3)VINOD PATHANGAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present disclosure provide a method of determining discharge readiness condition for a patient. The sensors are placed on patient to monitor the physiological condition of the patient and to transmit physiological data to computing device. The patient also provides non-physiological data using mobile device to computing device. The processor configured in computing unit assigns predefined weighted ratio to each of the physiological data and non-physiological data to generate weighted physiological and non-physiological data. The processor generates recovery score using the weighted physiological data and the non-physiological data and compares the recovery score with reference recovery score. The reference recovery score is personalized for each patient using weighted personal reference score and weighted EMR reference score. If recovery score exceeds reference recovery score then patient is ready for discharge else the patient is not ready to be discharged and hence appropriate suggestions are provided to improve recovery score. Fig.1

(21) Application No.4076/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :21/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: STONE BLASTER CHISEL FIXED IN A VEHICLE

(51) Intermedicual algorification	.EOOD	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBIN JAMES
(32) Priority Date	:NA	Address of Applicant :THALACHIRA H.
(33) Name of priority country	:NA	MADAKKATHANAM P O., VAZHAKULAM,
(86) International Application No	:NA	MUVATTUPUZHA, ERNAKULAM - 686 670 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ROBIN JAMES
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The device is worked for a period of one hour using the chisel with a weight of 5 tonnes on rock pieces we a re getting 55meter cube sand and metal. The weight of the chisel can be increased or decreased as per the need of the quantity of the product in a specific time. That means the device can be made in different measures or sizes so as to get different quantity of product For the working of the machine we can use petrol, Diesel or Electric motors This is my own invention; I am not copied to others, that means this is only my own idea behind this.

(22) Date of filing of Application :22/09/2015 (43) Publication Date : 30/10/2015

(54) Title of the invention: MODULAR AUTOCLAVEABLE INTRODUCER FOR ENDOSCOPE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61F2/04 :NA :NA :NA	(71)Name of Applicant: 1)MUKHERJEE, Dr. Apurba Address of Applicant: CK-220, Salt Lake City Sector-II, Kolkata-700 091 West Bengal India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)MUKHERJEE, Dr. Apurba
(87) 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 endoscopic or laparoscopic introducer, a medical device to assist the surgeon with the insertion, maneuvering, and removal of an endoscope, laparoscope, biopsy device, or medical device from a patient's body during endoscopic or laparoscopic surgery. The advancement relates to an introducer and specifically to an autoclaveable modular introducer. Introducer is modular in that it is capable of attachment to numerous types of fittings and thereby capable of coupling and decoupling to numerous types of endoscopes, cannulas, insufflation flow sources, biopsy devices, and other medical devices. Introducer is autoclaveable in that it is capable of sterilization by autoclave without incurring deterioration or degradation.

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.1091/DEL/2000 A

(19) INDIA

(22) Date of filing of Application :29/11/2000 (43) Publication Date : 30/10/2015

(54) Title of the invention: A REACTIVE ARMOUR

		(71)Name of Applicant :
(51) International classification	:F41H5/007	1)ADDITIONAL DIRECTOR (IPR)
(31) Priority Document No	:NA	Address of Applicant :DEFENCE RESEARCH \$
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE
(33) Name of priority country	:NA	, GOVT OF INDIA B-341, SENA BHAWAN DHQ P.O NEW
(86) International Application No	:NA	DELHI-110011. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YADAV HARPAL SINGH
(61) Patent of Addition to Application Number	:NA	2)BOHRA BHERU MOHANLAL
Filing Date	:NA	3)JOSHI GANGADHAR DATTATRAY
(62) Divisional to Application Number	:NA	4)VEER RAMCHANDRA GANPAT
Filing Date	:NA	5)SUNDARAM SRINIVAS GANPATI
-		6)KAMAT PRAMOD VITHOBA

(57) Abstract:

A reactive amour for providing protection to armored fighting vehicles against tandem shaped charged warhead and other high caliber shaped charge warheads comprising two reactive elements positioned at an acute angle to each other and disposed within a hardened steel box (1) having a metallic lid (8), in one of said reactive element comprising an explosive sheet (3) of insensitive explosive sandwiched between a metal sheets (2 and 4), the other of said reactive element being a sandwiched insensitive explosive sheet (6) of sandwiched between a metal sheets (5 and 7).

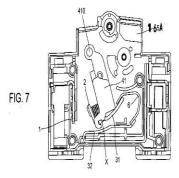
(22) Date of filing of Application :16/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELECTRICAL CONTACT DEVICE WITH EFFICIENT BREAKING CAPACITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (88) International Publication No (89) International Publication No (10) Patent of Addition to Application Number Filing Date (11) NA (12) Divisional to Application Number (13) NA (14) Patent of Na (15) Patent of Na (16) Patent of Addition Number (17) NA (18) Patent of Na (18) Patent of	1)LEGRAND FRANCE Address of Applicant :128 AVENUE DU MARECHAL DE LATTRE-DE-TASSIGNY, 87000 LIMOGES, FRANCE France 2)LEGRAND SNC (72)Name of Inventor : 1)GUY COTTONE
---	--

(57) Abstract:

The invention relates to an electrical contact device comprising a fixed contact (1), a movable contact (2) between a contact position and a breaking position, and two current paths (31, 32) rigid and movable with respect to each other, the movable contact being mounted, with one of the current paths (31), in rotation around a rotation axis (X) such that in the contact position of the movable contact, an electrical current flowing through the current paths, exerts, between these paths, an electromagnetic force converted into a bearing force of the movable contact on the fixed contact. According to the invention, the rotation axis (X) is mounted on a movable support (41) with respect to the fixed contact (1), and the movable contact (2) can be moved between its breaking position and its contact position by moving the support (41) with respect to the fixed contact (1).



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

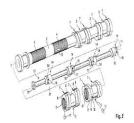
(22) Date of filing of Application :16/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CAMSHAFT HAVING A SLIDING PIECE WHICH HAS DIFFERENT CAM PROFILES

(54) 7	F047	
(51) International classification	:F01L	(71)Name of Applicant:
(31) Priority Document No	:10 2011 002 141.8	1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant :PORSCHEPLATZ 1, 70435
(32) Priority Date	:18/04/2011	STUTTGART, GERMANY, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)MICHAEL WAHL
Filing Date	:NA	2)SIEGFRIED LUHMANN
(87) International Publication No	:NA	3)RAINER MESSER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

The invention relates to a camshaft (1) having a rotationally drivable basic camshaft (2) and at least one sliding piece (5) which is mounted in the basic camshaft (2) and can be dis¬placed in the longitudinal direction of the latter, the sliding piece (5) having at least one cam pack (7) with at least two cams (8, 9) with different cam profiles, and having a switching device which has a switch guide plate (14) for dis¬placing the at least one sliding piece (5) into different switching positions of the cams (8, 9). It is provided in a camshaft of this type that the switching device has a switching shaft (13) which can be rotated about the rotational axis of the basic camshaft (2) with a switch guide plate (14) which has a slotted-guide track (16), and a slotted-guide pin (11) which is connected to the sliding piece (5) and engages into the slotted-guide track (16). According to a first basic design of the camshaft, it is provided that the slotted-guide track (16) is endless and switching to and fro of the sliding piece (5) takes place in the same rotational direction of the switching shaft (13). According to a second basic design of the camshaft, it is provided that the switching shaft (13) is arranged within the basic camshaft (2), and the basic camshaft (2) has an opening (12) in its wall, which opening (12) the slotted-guide pin (11) penetrates. A camshaft of this type makes switching to and fro of the sliding piece which has the different cam.profiles possible, with a structurally simple design and low number of parts for the camshaft.



No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PREPARATION OF FUNCTIONAL MONOMERS FOR GRAFTING TO LOW MOLECULAR WEIGHT POLYALKENES AND THEIR USE IN THE PREPARATION OF DISPERSANTS AND LUBRICATING OIL COMPOSITIONS CONTAINING DISPERSANT POLYALKENES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:C08F :60/523,959 :21/11/2003 :U.S.A. :NA :NA :NA :NA :NA :NA :104 :2294/DEL/2004 :19/11/2004	(71)Name of Applicant: 1)CASTROL LIMITED Address of Applicant: WAKEFIELD HOUSE, PIPERS WAY, SWINDON, WILTSHIRE SN3 1RE (GB) U.K. (72)Name of Inventor: 1)GOLDBLATT, IRWIN, L.
--	---	--

(57) Abstract:

A polyalkene dispersant comprised of low MW polyalkene having an average molecular weight range of about 300 to about 10,000 and an ethylenically-unsaturated, aliphatic or aromatic, nitrogen- and oxygen-containing graftable monomer and methods of making the same are disclosed. The monomers are formed by reacting an acylating agent with amines having one or more primary or secondary amine to form a reaction product. Graft polyalkene dispersants comprising such monomers are formed by grafting the reaction product to the polyalkene backbone. Also described is lubricating oil comprising base oil and the dispersant polyalkene as described above.

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR DIVERSE CONNECTION SIGNALING FROM DISPARATE SOURCE NODES IN DISTRIBUTED CONNECTION-ORIENTED NETWORKS

(57) Abstract:

SYSTEMS AND METHODS FOR DIVERSE CONNECTION SIGNALING FROM DISPARATE SOURCE NODES IN DISTRIBUTED CONNECTION-ORIENTED NETWORKS A method in a network utilizing a distributed connection-oriented control plane includes signaling a first path for a first connection from a first source node; storing call information for the first connection at any intermediate nodes in the first path; signaling a second path for a second connection from a second source node; checking at any intermediate nodes in the second path if there is absolute route diversity between the first connection and the second connection responsive to a requirement therein; and responsive to detecting a diversity violation at an intermediate node of the any intermediate nodes in the second path, signaling a crankback to the second source node with the call information for the first connection included therein; and recomputing the second path exclusive of the first path based on the call information responsive to receiving the crankback. A network and node are also described.

(22) Date of filing of Application :16/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: STRUCTURE AND METHOD FOR CLOSED LOOP CONTROL IN CT ROTATING SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61B :201110109829.1 :29/04/2011 :China	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY Germany
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)ZHAO HUI HU
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	2)RONG YANG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the field of medical equipment and, particularly, to a structure and method for closed loop control in a CT rotating system. A structure for closed loop control in a CT rotating system comprises a data transmission slip ring, a motor, a servo controller and a transmission belt, with the surface of said data transmission slip ring being provided thereon with a plurality of bar strips, and said closed loop control structure further comprising a signal detector which is used for detecting said bar strips so as to obtain an encoded signal; wherein said servo controller is used for determining the rotating speed of the CT rotating system and the position of a bulb tube according to said encoded signal, and for controlling said motor according to said rotating speed and a preset rotating speed. A currently available data transmission slip ring is used as a scale and a signal detector is used to detect this scale so as to obtain an encoded signal, and when compared with the purpose-made encoders in the prior art, its costs are lower, the precision is higher, and the position offset of the bulb tube therein is smaller.

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: THE HOLDER FOR A SLIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:F16B :60/723,406 :04/10/2005 :U.S.A. :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MILLIPORE CORPORATION Address of Applicant:290 CONCORD ROAD, BILLERICA, MASSACHUSETTS 01821, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)LOUIS BONHOMME 2)MIKE CARELLI 3)ELENA CHERNOKALSKAYA 4)BILL MCKENZIE 5)PHILIP GODDARD 6)BILAL ARIF
--	--	--

(57) Abstract:

The holder for a slide comprising a slide substrate (4) having a first (6) and a second major surface (8) and one or more membranes (12) attached to one major surface of the slide selected from the group consisting of the first major surface (6) and the second major surface (8) characterized in that the slide substrate (4) having one or more openings (10) therethrough from the first major surface (6) to the second major surface (8) and the one or more membranes (12) are attached to the slide substrate (4) over the one or more openings (10), wherein both the top cover (402) and bottom cover (404) have one or more openings (408) corresponding to and in register with the one or more openings of the slide (412).

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : DEVICE AND METHOD FOR DETECTING AND LOCATING DEFECTS IN UNDERGROUND CABLES

 (51) International classification (31) Priority Document No (32) Priority Date (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 :13/098218 :29/04/2011 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)GANESH, MEENA 2)SUNDARESAN, ASHOK
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A device (38) and method (210) for detecting and locating defects in a cable are provided. The device (38) and method (210) may include using sensor (36, 38) feedback to determine that an insulation defect exists and to calculate (238) the location of the insulation defect in a cable (20). The method (210) may include performing principle component analysis to determine whether an insulation defect occurs and using extracted data to determine the location of the insulation defect.

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND DEVICE FOR OPERATING A CONVEYOR FOR A COMBUSTION PRODUCT

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:10 2011 101 390.7	1)CLYDE BERGEMANN DRYCON GMBH Address of Applicant :SCHILLWIESE 20, 46485 WESEL
(32) Priority Date	:13/05/2011	(DE) Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)RUEDA, RAFAEL MORENO
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	•	

(57) Abstract:

Method and device for operating a conveyor (1) for a combustion product, in which, during the conveyance, through the detection and analysis of properties (such as volume flow, mass flow, moisture, temperature, grain size) of the combustion product (2) by means of microwaves (3), a control of transport parameters (such as transport speed, cooling of the combustion product, supply of combustion product, degree of crushing) is realized. It is herein possible to protect the conveyor thermally and mechanically and, at the same time, to ensure real-time regulation of the composition and quantity of the combustion product for following treatment steps.

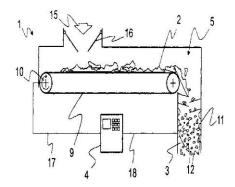


FIG. 1

(21) Application No.1190/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PLATING OF COPPER ON SEMICONDUCTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C07C :61/477,155 :19/04/2011 :U.S.A. :NA	
Filing Date	:NA	1)GARY HAMM
(87) International Publication No	:NA	2)JASON A. REESE
(61) Patent of Addition to Application Number	:NA	3)LINGYUN WEI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Monovalent copper plating baths are used to metallize current tracks of the front side or emitter side of semiconductor wafers. Copper is selectively deposited on the current tracks by electrolytic plating or LIP. Additional metallization of the current tracks may be done using conventional metal plating baths. The metalized semiconductors may be used in the manufacture of photovoltaic devices.

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUTOMATED WELL CONTROL METHOD APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F16H :61/479203 :26/04/2011 :U.S.A. :NA :NA	EAST HOUSTON, TEXAS 77032, U.S.A. U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA :NA	1)MILNE, ERIC L. 2)EBENEZER, JOSEPH P.

(57) Abstract:

A drilling control system monitors and compares drilling and completion operation sensor values and autonomously acts in response to conditions such as a kick or surge. Sensors in various combinations may monitor return fluid flow rate, fluid inflow rate, wellhead bore pressure, temperature of returning fluid, torque, rate of penetration and string weight change. The control system has corresponding control logic to monitor, warn and act based on the sensor inputs. The actions may include the warning of support personnel, closing an annular blowout preventer, shearing drill pipe using a ram shear, pumping heavier fluid down choke and kill lines, disconnecting the riser or various other actions.

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: INNER CASING VACUUM SYSTEM FOR A GAS TURBINE ENGINE CASING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F01D :13/095498 :27/04/2011 :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	2)THOMPSON, BRIAN RALPH

(57) Abstract:

A method of drilling one or more holes, substantially in situ, in a turbomachine casing 10 includes locating piping 26 including at least one vacuum head 24 within the turbomachine casing in proximity to a hole 18 to be drilled; drilling at least one hole 18 in the casing 10 such that drill chips or shavings caused by the drilling are collected in the vacuum head 24; and applying a vacuum through the piping 26 to the at least one vacuum head 24 to thereby remove the drill chips or shavings collected in the vacuum head 24 to a location outside the turbomachine casing.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HYBRID SOLAR CONCENTRATION DEVICE

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:13/097714	,
(32) Priority Date	:29/04/2011	rr ,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHATTERJEE, AVEEK
(87) International Publication No	:NA	2)BHAKTA, ADITYA
(61) Patent of Addition to Application Number	:NA	3)GHOSH, SAMPA
Filing Date	:NA	4)GOVINDASAMY, RAKESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one embodiment, the present invention provides a hybrid solar concentration device comprising: (a) a solar collector configured to direct solar radiation to a photovoltaic cell and a heat exchanger; (b) a heat exchanger configured to heat a working fluid with a first energy component of the solar radiation; and (c) a photovoltaic cell configured to generate electricity from a second energy component of the solar radiation. Also provided are systems for generating electric power comprising one or more of the novel hybrid solar concentration devices and methods for generating electric power using such systems.

No. of Pages: 28 No. of Claims: 25

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : CONTINUAL ON-LINE SEDIMENT CONCENTERATION MEASUREMENT FOR HYDRO POWER PLANTS AND THEIR CONJOINED APPRATUSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ALSTOM RENEWABLE TECHNOLOGIES Address of Applicant:82, AVENUE LEON BLUM, 38100 GRENOBLE, FRANCE France (72)Name of Inventor: 1)PANCHAL RAJESH 2)PALCET NICOLAS
 (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)BALCET NICOLAS 3)PRIGENT SERGE

(57) Abstract:

The present invention relates to a hydraulic installation where sediment concentration in the water flow circulating through the cited installation is monitored continuously. According to the invention, the hydraulic installation comprises a pressure-reducing device and a primary sensor: the pressure reducing device decreases the pressure and discharge of upstream water flow, comprising sediments, allowing that the primary sensor can operate continuously measuring sediment concentration from the upstream water flow. The hydraulic installation also comprises a calibrating device, providing the primary sensor with a reference value to be used for comparison matters and for establishing the content of sediment in the water flow. (Fig. 1)

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

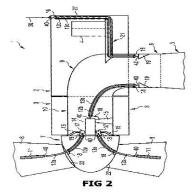
(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: LIGHTNING PROTECTION SYSTEM FOR A WIND TURBINE, WIND TURBINE AND METHOD FOR PROTECTING COMPONENTS OF A WIND TURBINE AGAINST LIGHTNING STRIKES

(74) 7	***	
(51) International classification	:H05K	(71)Name of Applicant:
(31) Priority Document No	:EP11164586	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:03/05/2011	Address of Applicant :WITTELSBACHERPLATZ 2
(33) Name of priority country	:EPO	80333, MUNICH, GERMANY Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LEWKE BASTIAN
(87) International Publication No	:NA	2)OLSEN KAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Lightning protection system for a wind turbine, wind turbine and method for protecting components of a wind turbine against lightning strikes A lightning protection system for a wind turbine (1) is described. It comprises at least one insulated high-voltage cable (12a), a pick-up unit (14) and an additional insulated high-voltage cable (12b). The at least one insulated high-voltage cable (12a) is electrically connected to a lightning receptor and to the pick-up unit (14). The pick-up unit (14) is electrically connectable to an electrically grounded member (5, 6) by means of the additional insulated high-voltage cable (12b).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1194/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SEALING SYSTEM FOR REFRIGERATOR

(51) International classification	:B60K	(71)Name of Applicant:
(31) Priority Document No	:PI1101701-	
(31) Thomy Document No	5	Address of Applicant : AVENIDA DAS NACOES UNIDAS,
(32) Priority Date	:18/04/2011	N, ° 12.995 -32° ANDAR, BROOKLIN NOVO - 04578-000 -
(33) Name of priority country	:Brazil	SAO PAULO-SP-BRAZIL Brazil
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AXEL JULIO RAMM
(87) International Publication No	:NA	2)GUSTAVO FRATTINI
(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 sealing system for refrigerator, mainly a sealing system located between the refrigerators door and its climatized chambers, comprising a gasket to be inserted into a receiving channel located therein. The sealing system for refrigerator comprises at least one gasket (1) comprising a tubular body comprising at least one coupling end (11), and at least one sealing body (12), at least one indentation (4) defined in at least one mobile door (2) or at least one fixed cabinet (3), and at least one rib (5) defined by at least one mobile door (2) or at least one fixed cabinet (3).

No. of Pages: 17 No. of Claims: 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1195/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: STRADDLE TYPE VEHICLE

(51) International all or 'C' and an	D COL	(71)N 6 A V 4
(51) International classification	:B62J	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)SUZUKI MOTOR CORPORATION
(31) Thomas Document No	095467	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:21/04/2011	KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611, JAPAN
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WAKIMOTO YOJIRO
(87) 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 straddle type vehicle such as motorcycle includes: a vehicle body; a vehicle body frame extending in a longitudinal direction of a vehicle body and including a head tube at a front end thereof; a fuel tank supported behind the head tube by the vehicle body frame; an engine mounted on the vehicle body frame below the fuel tank; and an electric component for supplying power or an electrical signal to an equipment including the engine mounted to the vehicle body. The electric component is arranged behind a cylinder head of the engine and at a rear and lower portion of the fuel tank.

No. of Pages: 27 No. of Claims: 7

(22) Date of filing of Application :23/04/2012

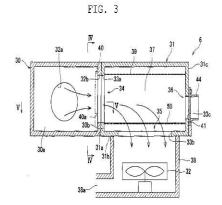
(43) Publication Date: 30/10/2015

(54) Title of the invention : FLY WASTE GATHERING DEVICE, TEXTILE MACHINE, AND FLY WASTE GATHERING METHOD

(51) International classification	:В65Н	(71)Name of Applicant:
(31) Priority Document No	:2011- 149139	1)MURATA MACHINERY, LTD. Address of Applicant :3 MINAMI OCHIAI-CHO,
(32) Priority Date	:15/07/2011	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326,
(33) Name of priority country	:Japan	JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TAKAHASHI AKIRA
(87) 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 fly waste gathering device (6) includes a fly waste gathering box (31) with a fly waste gathering chamber (37), an introducing section (34) adapted to introduce air to the fly waste gathering chamber (37), and a first discharging section (35) and a second discharging section (36) adapted to discharge the air in the fly waste gathering chamber (37); a suction fan (32) connected to the first discharging section (35) and adapted to depressurize the fly waste gathering chamber (37); and a filter (39) adapted to catch the fly waste in the air discharged from the first discharging section (35). The second discharging section (36) is connected to a main blower. The fly waste gathering device (6) further includes an open/close means (41) adapted to open/close the second discharging section (36) and a shielding member (40) adapted to narrow an opening area of the introducing section (34). Most Illustrative Drawing: Fig. 3



No. of Pages: 43 No. of Claims: 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1104/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PEEL-OFF CAP SEAL

(51) International classification	:B65D41/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KUMAR, RAJIV
(32) Priority Date	:NA	Address of Applicant :N 67, GREATER KAILASH PART 1,
(33) Name of priority country	:NA	NEW DELHI 110048, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR, RAJIV
(87) 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 disclosure provides a peel-off cap seal that is provided on the neck and mouth of a container such that it seals the mouth of the container. In an embodiment, the peel-off cap seal includes a body with a base, an upper portion and a top portion. The top portion partially or completely covers the mouth of a container and includes at least two flaps with intermediate structures therebetween. The upper portion is coupled to the base on one side and is adjacent to the top portion on the other side. The upper portion and the base surround the neck of the container. The upper portion includes two or more segments that are coupled to respective flaps. When a flap is lifted and pulled down, the corresponding segment is peeled off from the upper portion, thereby loosening the peel-off cap seal from the neck of the container.

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM, METHOD, AND APPARATUS FOR RESOLVING ERRORS IN A 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 	:13/089002 :18/04/2011	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)SOUVANNARATH, MANYPHAY
---	---------------------------	--

(57) Abstract:

A system (100) is provided including at least one monitored device (108) for collecting data for use in detecting an error in the data, a central server (114), and at least one local server (104) communicatively coupled to the at least one monitored device and the central server. The at least one local server is configured to receive the data and an indication of the error detected from the at least one monitored device, determine a solution for use in resolving the error, transmit instructions to perform the solution to the at least one monitored device, and transmit the error and the solution to the central server for storage.

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

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DIRECT DRIVE WIND TURBINE WITH A THERMAL CONTROL SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F03B :11164589 :03/05/2011 :EPO	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2 80333, MUNICH, GERMANY Germany
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)ERIKSEN UFFE
(87) International Publication No	:NA	2)SOERENSEN STEFFEN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A direct drive wind turbine with a thermal control system (15) has a generator (11) with a rotor (12) and a stator (13) and a bearing (5) with an inner ring (6) and an outer ring (7) connecting the rotor (12) and the stator (13) rotatively. The thermal control system (15) comprises a cooling system (16) and a heating system (17). The cooling system (16) comprises at least one heat sink (18) which is in thermal communication with the inner ring (6) of the bearing (5) and a heat dissipater (24) which is in thermal communication with the heat sink (18). The heating system (17) comprises at least one heating element (25) being in thermal communication with the outer ring (7) of the bearing (5).

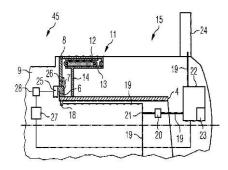


FIG 4

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SUBSEA SENSORS DISPLAY SYSTEM AND METHOD

(51) International classification(31) Priority Document No(32) Priority Date	:G01N :61/480,123 :28/04/2011	(71)Name of Applicant: 1)HYDRIL USA MANUFACTURING LLC Address of Applicant: 3300 N. SAM HOUSTON PARKWAY
(33) Name of priority country	:U.S.A.	EAST HOUSTON, TEXAS 77032, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHOUDHURY, DEVASISH
(87) International Publication No	:NA	2)LIU, ZHEN
(61) Patent of Addition to Application Number	:NA	3)LAMBERT, JEFREY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method and subsea sensors display system configured to display data about a blowout preventer (BOP) stack. The subsea sensors display system includes a display panel having plural universal subsea displays, each universal subsea display being configured to display a value measured by a sensor attached to the BOP stack; and a J-box electrically connected to the display panel and configured to provide electrical power to the display panel and to receive data from the display panel. The electrical power is provided from a pod provided on the BOP stack or from a battery when the pod is not available or from a remote operated vehicle (ROV) when connected to the display panel.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: BURNER FOR PARTICULATE FUEL

(51) International classification	:A47J	(71)Name of Applicant:
	:10 2011	1)BABCOCK BORSIG STEINMULLER GMBH
(31) Priority Document No	018 697.2-	Address of Applicant :DUISBURGER STRAE 375, 46049
	13	OBERHAUSEN, GERMANY, Germany
(32) Priority Date	:26/04/2011	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)HAMEL, STEFAN
(86) International Application No	:NA	2)CHRISTIAN, STORM
Filing Date	:NA	
(87) 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:

Shown and described is a burner (1, 30, 40, 50) for particulate fuel, in particular made of biomass, with a primary tube (3) and a core tube (2) arranged in the primary tube (3), wherein the primary tube (3) and the core tube (2) form a primary tube gap (4) and wherein the primary tube gap (4) is configured to guide a flow of particulate fuel and gaseous combustion means from an inlet-side end to an outlet-side opening (8) of the primary tube (3). In order to prevent the drawbacks occurring when using coarse-grain particles, preferably biomass, as a fuel for dust firing, or at least to reduce them without having to accept an increased outlay for equipment and/or additional energy losses, it is proposed that at least one device (22, 32, 41, 52) is provided for centring the flow within the primary tube (3) in the region of the outlet-side end (6) of the primary tube (3).

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

(22) Date of filing of Application: 13/04/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention: A CONTROLLING DEVICE FOR SHIFTING IMAGES IN A DISPLAY OF A SMARTPHONE

(51) International classification (31) Priority Document No (32) Priority Date	:G06F :100212897 :14/07/2011	II
(33) Name of priority country (86) International Application No	:Taiwan :NA	TSUN, SIU SHUI HSIANG, CHANGHUA HSIEN, TAIWAN (R.O.C.) Taiwan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	:NA :NA	1)WU, CHUAN-SHIH
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A controlling device for shifting images in a display of a smartphone is provided with a monitor installed with a Screen Resident Device Driver Driver includes a Real Time Operating System that is in charge of a TCP/IP communication protocol, a USB-Host communication protocol, a Network and Display Server, a mobile phone and communication process driver, and a Bluetooth-Host communication protocol. The present invention further provides a mobile phone comprising a Mobile Phone Resident Device Driver installed in a mobile phone body. The Mobile Phone Resident Device Driver includes a Resident Detect Operation Service, a Remote Human Interface Device (HID), a Remote HID-Disk, a Display Resolution Control, a Remote Transaction Event Handler, and a Virtual Display Driver. Thereby, in view of the Screen Resident Device Driver built in the monitor and the Mobile Phone Resident Device Driver built in the mobile phone, the image on the mobile phone is enlarged according to the geometric ratio so as to contribute to the virtual image. While zipping either partial or all of the virtual image periodically, the zipped virtual image is saved in the memory buffer, so that the virtual image could be wiredly or wirelessly sent to another monitor under a condition that the resolution is fixed or increased. Thereafter, the virtual image is further unzipped and enlarged into the real image for display. Moreover, the mobile phone synchronically receives the indication from the monitor to execute correlated actions and concurrently display an identical image on the mobile phone and the monitor, serving to obtain a synchronized display and a synchronized receiving action.

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

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DYNAMIC ALLOCATION OF NETWORK LAYER ADDRESSES

(51) Intermedianal alassification	JIOAN	(71) Name of Ambigant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD,
(33) Name of priority country	:NA	75007, PARIS, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JEYARAJ J, SAMUEL
(87) International Publication No	:NA	2)VENKATADRI, BRINDA LAKSHMI
(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 dynamic allocation of network layer addresses (NLAs) to a plurality of client devices (104) connected to a mobile consumer premises equipment (CPE) (102) is described herein. In said implementation, the method includes initiating registration of available sub–network of NLAs for allocation to the client devices (104), based on one of receipt of a subnet response option in an offer message and transmission of a default subnet mask parameter in a mobile internet protocol (M1P) register request. A confirmation is received for allocation of the available sub-network of NLAs for the client devices (104). Further, available NLAs are allocated to the plurality of client devices (104), based on the available sub-network of NLAs.

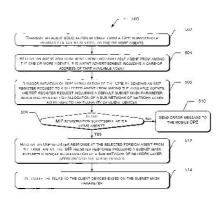


Figure 5

No. of Pages: 51 No. of Claims: 15

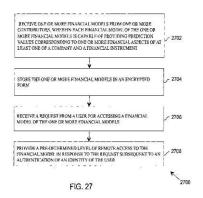
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR PROVIDING FINANCIAL FORECASTING

(51) International classification	:A61M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANALEC INFOTECH PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :90/31 B, FIRST FLOOR, MALVIYA
(33) Name of priority country	:NA	NAGAR, NEW DELHI 110017 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SARKER, INDRAJIT R.
(87) International Publication No	:NA	2)STONE, COLIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a method and system for providing financial forecasting. The method includes receiving one or more financial models from one or more contributors and storing the one or more financial models in an encrypted format. Each financial model of the one or more financial models is capable of providing prediction values corresponding to one or more financial aspects of at least one of a company and a financial instrument. The method further includes receiving a request from a user for accessing a financial model of the one or more financial models and providing a pre-determined level of remote access to the financial model in response to the request subsequent to an authentication of an identity of the user. The pre-determined level of remote access is facilitated through a proprietary interface at a user terminal.



No. of Pages: 79 No. of Claims: 28

(21) Application No.1097/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A PROCESS OF PREPARING ARYL FLUOROALKYL ETHERS

 (51) International classification (31) Priority Document No (32) 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 	:NA :NA	(71)Name of Applicant: 1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION Address of Applicant: Ministry of Defence, Govt. of India, Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi 110001 Delhi India (72)Name of Inventor: 1)RANGARAJAN, Thakku Mohan 2)SINGH, Rajendra 3)BRAHMA, Raju 4)SINGH, Raj Pal 5)SINGH, Rishi Pal
--	------------	--

(57) Abstract:

The present disclosure relates to a process of preparing an aryl fluoroalkyl ether compound, comprising: reacting an aryl halide with a fluoroalcohol in the presence of a base, a catalyst, and a ligand to obtain an aryl fluoroalkyl ether compound

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

(21) Application No.1177/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : PROCESS FOR AN INTELLIGENT CONTROL OF A COMPRESSOR UNIT WITH HEAT RECOVERY

(74) 7	G0 = G	7127
(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:10 2011	1)COMPAIR DRUCKLUFTTECHNIK-ZWEIGNIEDER-
(31) Thomas Bocument 110	017 433.8	LASSUNG DER GARDNER DENVER DEUTSCHLAND
(32) Priority Date	:18/04/2011	GMBH
(33) Name of priority country	:Germany	Address of Applicant :ARGENTHALER STRAE 11 D-55469
(86) International Application No	:NA	SIMMERN/HUNSRUCK GERMANY Germany
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)WENZEL, HARALD
(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 system for heat recovery (WRG) in a compressor system comprising of liquid injection with a fluid circuit of the fluid to be injected with control valve, this goes through fluid at least one heat exchanger with control valve to the WRG and the compressor (13) of the compressor unit a control valve (6) on the compressor side and behind the heat exchanger (9) of the WRG a WRG-side valve (7) is arranged, where at least one of these control valves (6 and/or 7) regulates an electronic control unit (11) by means of an algorithm, and the required temperature for the material flows [4,5] the WRG of the control unit [11] as a parameter can be entered.

No. of Pages: 19 No. of Claims: 10

(22) Date of filing of Application :17/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MODIFYING A ROTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B25H :13/089987 :19/04/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A U.S.A. (72)Name of Inventor: 1)HOLMES, JAMES BRADFORD 2)HERBOLD, JOHN WILLIAM
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)CLARK, JASON MATTHEW

(57) Abstract:

A system (40) for modifying a slot (24) in a rotor (18) includes a base (44) having a vertical axis (46). A drill (42) is slidingly connected to the base (44) along the vertical axis (46), and a clamp (80) is connected to the base (44) and configured to engage with an interior surface of the slot (24). A method for modifying a slot (24) in a rotor (18) includes locating a drill (42) proximate to the slot (24) and inserting a clamp (80) into the slot (24), wherein the clamp (80) is slidingly connected to the drill (42). The method further includes engaging the clamp (80) with an interior surface of the slot (24) and operating the drill (42) to create a cavity (28) in the slot (24).

No. of Pages: 24 No. of Claims: 12

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: WIRE-GRASPING STRUCTURE FOR TERMINAL BLOCK

(51) International classification	·H05K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DINKLE ENTERPRISE CO., LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 3, MIN AN ROAD, HSIN
(33) Name of priority country	:NA	CHUANG DIST., NEW TAIPEI CITY 242, TAIWAN Taiwan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHANG TSAI WU
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A wire-grasping structure for a terminal block includes a seat part, a fixing piece, a cover part, a fastening piece, a screw and a spring. The seat part has a transverse opening. The fixing piece is received in a lower accommodating recess of the seat part to slide in the seat part vertically. The cover part covers the seat part. The fastening piece is sandwiched between the cover part and the seat part. The screw is vertically received in an upper accommodating recess of the cover part and aligned with the through hole of the fastening piece and the threaded hole of the fixing piece. The spring is vertically received in the upper accommodating recess of the cover part and has two ends abutting against the fastening piece and the screw. The wire-grasping structure has good wire-grasping reliability and good applicability and is convenient to use.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONNECTOR AND PRODUCTIOIN METHOD THEREFOR

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (87) International Publication No (88) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Na SNA SNA SNA SNA SNA SNA SNA	(71)Name of Applicant: 1)SUMITOMO WIRING SYSTEMS, LTD. Address of Applicant:1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE, 510-8503, JAPAN. Japan (72)Name of Inventor: 1)RYUICHI FUJISAKI
--	--

(57) Abstract:

An object of the present Invention is to ensure connection reliability between an electronic device and a terminal fitting without damaging the electronic device by heat. A connector 10 in which a capacitor 20 connected to a ground-side terminal 32 formed by press-working a metal base material in the form of a flat plate is accommodated in a connector housing 50 made of synthetic resin includes a connecting head portion 38 which is provided on the ground-side terminal 32, thinner than the base material and to be connected to a ground-side electrode 21B provided on the capacitor 20 by soldering; a neck portion 39 which is provided on the ground-side terminal 32, narrower than the connecting head portion 38 and resiliently deformable and extends from the connecting head portion 38; and a molded portion 53 which is provided in the connector housing 50 to integrally cover the ground-side electrode 21B of the capacitor 20 and the connecting head portion 38 of the ground-side terminal 32.

No. of Pages: 35 No. of Claims: 15

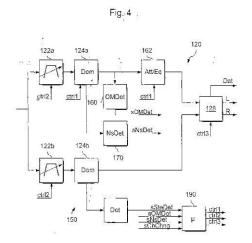
(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : CIRCUIT ARRANGEMENT PROVIDING A HIGH DEVIATION MODE AND METHOD OF OPERATING A BROADCAST SIGNAL RECEIVER APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N :11 003 378.4 :21/04/2011 :EUROPEAN UNION :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)ROLF NOTHLINGS 2)GERD SPALINK
(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 broadcast signal receiver apparatus comprises an audio processing unit That demodulates a digital signal. In a normal mode the audio processing unit outputs audio information contained in the digital signal. In a high-deviation mode, the audio processing unit compensates for effects resulting from over-modulation. A stereo detection unit may use suitable filters and/or a demodulator FM threshold effect to detect presence of non-monaural audio information in the digital signal. The high deviation mode is released in response to the stereo detection. Erroneous release of the high-deviation mode by detecting temporary small audio levels down to silence, which are often content-related and do not necessarily indicate a change of the transmission modulation index, is avoided.



No. of Pages: 29 No. of Claims: 25

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYNTHETIC MULTIPLE ANTIGENIC PEPTIDES BASED EFFECTIVE DIAGNOSTIC FOR BOVINE ROTAVIRUS INFECTION.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K19/00, :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant: INDIAN COUNCIL OF AGRICULTURAL RESEARCH, KRISHI BHAWAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001 Delhi India (72)Name of Inventor: 1)NAVEEN KUMAR 2)YASHPAL S. MALIK 3)SATISH KUMAR 4)VIJAY G. JOSHI 5)KULDEEP SHARMA 6)ASHOK K. TIWARI
---	--	--

(57) Abstract:

A peptide-based effective diagnostic against bovine rotavirus is disclosed. The formulation according to various embodiments of the invention contain a mixture of peptides derived from bovine rotavirus inner capsid VP6 protein; selected peptides individually or in combination contains B cell bovine rotavirus binding epitope for enhancement of the respective peptides immunogenicity. Such viral peptide compositions are prepared in an acceptable diagnostic system as antigenic formulations and can provide useful diagnostic of bovine rotavirus antibody or antigen from infection upon rotavirus challenge. In total, the present invention relates to methods for use of said synthetic peptide antigens in the diagnosis of rotavirus infection.

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

(21) Application No.1189/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELECTRODE HOLDER FOR ELECTRIC GLASS MELTING

 (51) 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 :13/094,182 :26/04/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)GILBERT DE ANGELIS 2)DAVID M. LINEMAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)DAVID M. LINEMAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electrode holder for use in a furnace for melting a batch material to form molten glass is disclosed comprising a refractory coated nose member presented to and in contact with a molten glass material contained within the furnace. The refractory coating is preferably a flame- or plasma-sprayed ceramic such as alumina or zirconia. That protects the nose member from corrosion from the hot molten glass.

No. of Pages: 19 No. of Claims: 10

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: POLYMERIC NANOPARTICLES AND A PROCESS OF PREPARATION THEREOF

(51) International classification	:C08F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, DELHI
(32) Priority Date	:NA	Address of Applicant :CENTRE FOR BIOMEDICAL
(33) Name of priority country	:NA	ENGINEERING, INDIAN INSTITUTE OF TECHNOLOGY
(86) International Application No	:NA	DELHI, HAUZ KHAS, NEW DELHI, 110016, INDIA Delhi
Filing Date	:NA	India
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SINGH, HARPAL
Filing Date	:NA	2)KUMAR, MANOJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the field of nanotechnology, in particular, to the production of biodegradable polymeric nanoparticles. The present invention provides a biodegradable polymeric nanoparticle made up of PLA-PEG-PPG-PEG block copolymer and a process for producing the same. The nanoparticles are produced without the use of any emulsifiers. The nanoparticles obtained by the process have a size ranging from 30-120 nm. The methods of controlling the drug loading capacity and size of the nanoparticle are disclosed along with the process of producing entity-loaded nanoparticles. Compositions comprising the nanoparticles and their use in therapeutics, diagnostics and theranostics are also disclosed.

No. of Pages: 53 No. of Claims: 25

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN APPARATUS FOR ATTRACTING AND KILLING FLIES

(51) International classification	:A61M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VIJAY SETIA
(32) Priority Date	:NA	Address of Applicant :C/O CHAMAN LAL SETIA
(33) Name of priority country	:NA	EXPORTS LTD., L 281 MODEL TOWN, KARNAL,
(86) International Application No	:NA	HARYANA (INDIA) Haryana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)SETIA, VIJAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an apparatus for attracting and killing flies. The apparatus comprising a container with one or more partitions dividing the container in to 2 or more compartments, a top cover hanging over the the container at a predefined distance, an outer cover, for covering the container and the top cover, a device coupled to the outer cover to lift and release the outer cover periodically, a cyclone unit for creating cyclone that sucks the flies from the top cover, a collecting unit for collecting the flies sucked by the cyclone, the collecting unit is coupled to the cyclone unit and an agitator unit to agitate the matter present in the container forcing flies to fly away from the container and get sucked by the cyclone unit.

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

(21) Application No.1141/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR THE TREATMENT OF A LIQUID FOODSTUFF PRODUCT

(32) Priority Date:20(33) Name of priority country:Ge(86) International Application No:Na	IA .	Address of Applicant :BOHMERWALDSTR. 5, 93073 NEUTRAUBLING GERMANY Germany (72)Name of Inventor:
Filing Date :N.2 (87) International Publication No :N.2 (61) Patent of Addition to Application Number :N.2 Filing Date :N.2 (62) Divisional to Application Number :N.2 Filing Date :N.2	IA IA IA	1)WEINZIERL, MATTHIAS 2)HOLLER, STEFAN 3)GLASER, WERNER

(57) Abstract:

In a device (V) for treating a liquid foodstuff product (P) containing a solid (T) with a heat exchanger (W) charged with the foodstuff product (P) under pressure (P1) and / or a degasser (E), which is charged with a reduced pressure (P3), followed or preceded by a pressure reduction device (D), the pressure reduction device (D) has at least one brake pump (8) through which the foodstuff product (P) flows. According to the method the pressure with which the foodstuff product (P) is conveyed through the brake pump (8) is reduced by a rotary movement of the brake pump (8).

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

(21) Application No.1265/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : SUNLIGHT HEAT UTILIZED STEAM ABSORPTION CHILLER AND SUNLIGHT HEAT UTILIZATION SYSTEM

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)HITACHI APPLIANCES, INC.
(31) Thority Document 140	108402	Address of Applicant :16-1, KAIGAN 1-CHOME, MINATO-
(32) Priority Date	:13/05/2011	KU, TOKYO 105-0022, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TAKEDA NOBUYUKI
Filing Date	:NA	2)UCHIDA SHUICHIRO
(87) International Publication No	:NA	3)YOSHIDA JUN
(61) Patent of Addition to Application Number	:NA	4)KAWANE SHINICHIROU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sunlight heat utilized steam absorption chiller is provided with a generator 1 which uses steam generated by-sunlight heat as a heat source, an absorber 6, an evaporator 5, and a condenser 4, and has a heat exchanger 10 for allowing heat exchange between a dilute solution flowing form the absorber to the generator and a strong solution flowing from the generator to the absorber. The chiller is also provided with a means for generating steam by a burning heat source, and either the steam generated by the burning heat source or the steam generated using sunlight heat can be used as the heat source for the generator. Further, the chiller is provided with a steam drain heat recovery unit 105 for allowing heat exchange between at least part of the dilute solution flowing from the absorber to the generator and a steam drain discharged from the generator so as to allow heat recovery from the steam drain.

No. of Pages: 48 No. of Claims: 14

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A PROCESS OF REFINING SUGAR SOLUTIONS

(51) International classification	:C13B30/14	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DEPARTMENT OF CHEMISTRY, UNIVERSITY OF
(32) Priority Date	:NA	LUCKNOW
(33) Name of priority country	:NA	Address of Applicant :LUCKNOW-226007, UTTAR
(86) International Application No	:NA	PRADESH, INDIA Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DR. KAMAN SINGH
(61) Patent of Addition to Application Number	:NA	2)SUDHIR KUMAR VERMA
Filing Date	:NA	3)RAM BHAROSE
(62) Divisional to Application Number	:NA	4)VIMALESH KUMAR SINGH
Filing Date	:NA	

(57) Abstract:

The present invention discloses a process for removal of impurities from highly concentrated sugar solutions employing an inexpensive adsorbent material derived from abundantly available eco-friendly material. The de-oiled mustard oil cake based adsorbent of the present invention is prepared by method comprising the steps of: providing De-oiled mustard oil cake; washing and drying the De-oiled mustard oil cake to obtain washed and dried mustard oil cake; crushing the washed and dried mustard oil cake; optionally treating with Hydrogen peroxide to oxidize any adhering organic impurities; dehydrating the de-oiled mustard cake to obtain dehydrated De-oiled mustard cake; and Sieving the de-oiled mustard oil cake to obtain desired particle size.

No. of Pages: 30 No. of Claims: 13

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR CYCLE TIME VISUALIZATION

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:13/106741	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:12/05/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)OJHA, PRADYUMNA
(87) International Publication No	:NA	2)BANERJEE, ABHIK
(61) Patent of Addition to Application Number	:NA	3)PETEZEN III, JOHN ALEXANDER
Filing Date	:NA	4)GALT, WILLIAM KENNEDY
(62) Divisional to Application Number	:NA	5)DE MAURICE, ANDRE STEVEN
Filing Date	:NA	6)VISHWANATH, GURUPRASAD KARKALA

(57) Abstract:

The embodiments described herein include a system and a method. In one embodiment, an industrial process control system (10) includes a processor and a link active scheduler (56). The link active scheduler is configured to schedule execution of a macrocycle (58). The macrocycle (58) includes an application timeslot and an asynchronous timeslot. The link active scheduler (56) is further configured to schedule execution of scheduled instructions for a plurality of field devices (28, 30, 32, 34) of the industrial process control system (10) in the application timeslot. The link active scheduler (56) is further configured to schedule execution of unscheduled instructions for the plurality of field devices (28, 30, 32, 34) of the industrial process control system (10) in the asynchronous timeslot. The industrial process control system (10) further includes a macrocycle viewer (162) executable by the processor. The macrocycle viewer (162) is configured to display the macrocycle (58) in a visual format.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PRESSURE SNAP FASTENER WITH A BIVALENT CLOSURE

(51) International classification	:A44B17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FIMMA S.p.A.
(32) Priority Date	:NA	Address of Applicant :5/7/9 Via I Maggio, I-23875 Osnago
(33) Name of priority country	:NA	(LC) Italy. Italy
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VILLA, Angelo
(87) International Publication No	: NA	2)CANDOTTI, Riccardo
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT PRESSURE SNAP FASTENER WITH A BIVALENT CLOSURE A pressure snap fastener with a bivalent closure comprises a first portion, to be associated with a first flap, and a second portion, to be associated to a second flap; said portions, as associated with one another joining the flaps. The pressure snap fastener further comprises first temporary engagement means providing a temporary closure, in which the two portions are joined by a weakly joining and are free of partially swinging, and second stable engagement means, providing a stable closure, in which the two portions are tightly coupled. Fig. 1

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

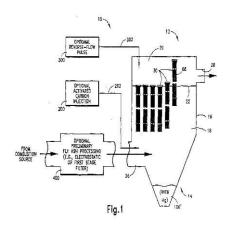
(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : IMPROVED UTILIZATION OF POWDERED SORBENT FOR MERCURY CONTROL FROM COALFIRED 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 (61) Patent of Addition to Application Number Filing Date 	:C07C :13/087726 :15/04/2011 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)BHA GROUP, INC. Address of Applicant:8800 EAST 63RD STREET, KANSAS CITY, MISSOURI 64133, USA U.S.A. (72)Name of Inventor: 1)BANSAL VISHAL 2)MALY PETER MARTIN 3)TAYLOR ROBERT WARREN
Filing Date	:NA	3)TAYLOR ROBERT WARREN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and an associated system (10) for improving mercury removal from a flow containing combustion exhaust. The method includes providing a filtration arrangement (12), including providing at least one layer (76) of ePTFE; and configuring the at least one ePTFE layer (76) to have a geometry (48) that retains at least some accumulated particulate matter (100). The method includes providing at least some particulate matter in the flow for accumulation on the filtration arrangement (12) by the geometry (48).



No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : COMPOSITE HAVING HIGH THERMAL CONDUCTIVITY AND ELECTRICAL RESISTIVITY AND PREPARATION METHOD

(51) International classification	:H01L23/373	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANIZATION
(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	110001 Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ROY, Debmalya
Filing Date	:NA	2)TIWARI, Neeru
(62) Divisional to Application Number	:NA	3)MUKHOPADHYAY, Kingsuk
Filing Date	:NA	4)SAXENA, Arvind Kumar

(57) Abstract:

The present disclosure provides a composite and a process for preparation of said composite. The composite exhibits high thermal conductivity and electrical resistivity.

No. of Pages: 32 No. of Claims: 15

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : A PROCESS FOR PRODUCTION OF TAG-FREE RECOMBINANT FUSION PROTEIN ENCOMPASSING PROMISCUOUS T CELL EPITOPE OF TETANUS TOXOID AND DOG ZONA PELLUCIDA GLYCOPROTEIN-3 AND ITS USE AS CONTRACEPTIVE VACCINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA :NA	(71)Name of Applicant: 1)NATIONAL INSTITUTE OF IMMUNOLOGY Address of Applicant: ARUNA ASAF ALI MARG, NEW DELHI-110067, INDIA Delhi India
(86) International Application No		(72)Name of Inventor:
Filing Date	:NA	1)GUPTA, SATISH KUMAR
(87) International Publication No	:NA	2)GUPTA, NEHA
(61) Patent of Addition to Application Number	:NA	3)SHRESTHA, ABHINAV
Filing Date	:NA	4)PANDA, AMULYA KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention describes a process for the production of a tag-free recombinant fusion protein encompassing promiscuous T cell epitope of tetanus toxoid and dog zona pellucida glycoprotein-3 for immunocontraception in animals.

No. of Pages: 36 No. of Claims: 9

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : PEEK/POKE INTERFACE ON RADIO SYSTEM CORE ENGINE MODEM TO ALLOW DEBUG DURING SYSTEM INTEGRATION

(86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) International Publication No Filing Date (84) International Application No Filing Date (85) International Application No Filing Date (86) International Application No Filing Date (87) International Publication No Filing Date (88) International Application No Filing Date (89) International Application No Filing Date (80) International Application No Filing Date (81) NA Filing Date (81) NA Filing Date (81) NA Filing Date (82) International Application No Filing Date (83) International Application No Filing Date (84) International Application No Filing Date (85) International Application No Filing Date (86) International Application No Filing Date (87) International Publication No Filing Date (87) International Publication No Filing Date (88) International Application No Filing Date (87) International Publication Number Filing Date (87) International Application Number Filing Date (87) International Application Number Filing Date (88) International Application No Filing Date (87) International Application Number Filing Date (87) International Application Number Filing Date (87) International Application Number Filing Date (88) International Application Number Filing Date (89) International Application Number Filing Date (80) International Application Number Filing Date (80) International Application Number Filing Date (81) International Application Number Filing Date (81) International Application Number Filing Date (82) International Application Number Filing Date (83) International Application Number Filing Date (84) International Application Number Filing Date (85) International Application Number Filing Date (86) International Application Number Filing Date (87) International Application Number Filing Date (87) International Application Number Filing Date (87) International Appli	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:U.S.A. :NA :NA :NA :NA :NA :NA	SYSTEMS INTEGRATION INC. Address of Applicant :P.O.BOX 868, NHQ1-719, NASHUA, NH 03061-0868, U.S.A. U.S.A. (72)Name of Inventor:
--	---	---	--

(57) Abstract:

A system and method for allowing individual register access during system integration and test is disclosed. A chip select is routed between an OMAP processor and a waveform FPGA and configured to allow individual register access during system integration and test. Logic is then added to the FPGA to support the single access to the FPGAs peripherals. This allows the user connected to the debug port to be able to send and receive individual commands to and from the waveform FPGAs peripherals. A Graphical User Interface (GUI) can be developed to provide a graphical interface or scripts can be used to assemble multiple commands thereby increasing flexibility to configure the peripherals during integration and troubleshooting.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: MODULE COOLING METHOD AND PLENUM ADAPTOR

 (51) International classification (31) Priority Document No (32) 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)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC. Address of Applicant: P.O.BOX 868, NHQ1-719, NASHUA, NH 03061-0868, U.S.A. U.S.A. (72)Name of Inventor: 1)NELSON, ERIC G.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for cooling modules in a radio system is disclosed. The apparatus comprises an adaptor module with side walls and integrated heat exchanging elements. The adaptor module adapts the air flow from a chassis in the radio system such that the exiting ducting on the chassis efficiently mate with the air conduits in the modules. The adaptor allows the use of new high power density modules in the existing chassis without changing the module design. The use of adaptor module in chassis provides efficient cooling and use less volume in the chassis.

No. of Pages: 21 No. of Claims: 12

(21) Application No.1086/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A RAZOR HAVING DISPOSABLE BLADE

(51) International classification	·P26P21/22	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAHUL AGARWAL
(32) Priority Date	:NA	Address of Applicant :G-37/30, SANJAY PLACE, AGRA
(33) Name of priority country	:NA	282004. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAHUL AGARWAL
(87) 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:

Arazor having a disposable blade comprising:- A Handle; A Blade holder having a holder protion and shank portion connected to said holder protion; A moulded razor blade being adapted to mount on said holder; Said handle being made of two substantially parallel similar shaped handle panels connected by two connecting pins; Said shank protion being pivotally mounted on said handle at an end of said shank protion by one of said connection pin through a hole in said shank protion opposite said hilder portion, characterized In that; Said mouled razor blade has a longitudinally running slot in it, having size for a tight fit on to holder protion when slid; transitional surface of said holder protion and said shank protion act as a support for said moulded razor blade;

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

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ADAPTIVE VIRTUAL SERVER FOR VIRTUAL MACHINE MANAGEMENT

(51) International classification	:G06F15/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Unisys Corporation
(32) Priority Date	:NA	Address of Applicant :C/o Patent & Technology Law Group
(33) Name of priority country	:NA	MS/2NW, 801 Lakeview Drive, Suite 100, Blue Bell, PA 19422,
(86) International Application No	:NA	United States of America U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Nisaruddin Shaik
(61) Patent of Addition to Application Number	:NA	2)Satish Kumar Govindaraju
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT ADAPTIVE VIRTUAL SERVER FOR VIRTUAL MACHINE MANAGEMENTM Adaptive virtual servers with hypervisor managers may be used to manage several hypervisors, including hypervisors of different types. An adaptive virtual server may monitor resource utilization of virtual machines and dynamically assign resources to the virtual machines. Dynamic allocation of resources may improve efficiency for usage of available resources and improve performance of the virtual machines. Further, an adaptive virtual server may allocate resources to a virtual machine from multiple hypervisors, including hypervisors of different types.

No. of Pages: 37 No. of Claims: 16

(22) Date of filing of Application :19/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR TESTABLE CURRENT LIMITING WITH HICCUP RESET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N :13/093280 :25/04/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)HONEY WELL INTERNATIONAL INC. Address of Applicant:101 COLUMBIA ROAD, P.O. BOX 2245, MORRISTOWN, NEW JERSEY 07962-2245, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
(87) International Publication No	:NA	1)STEPHEN ROGOFF
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Testable current limiting with hiccup reset is provided. In one embodiment, a current miter comprises: a current regulating circuit having a pass-transistor wherein a load current delivered to a load side flows through the pass-transistor, the current regulating circuit clamps the load current when the load current exceeds a threshold; a latch regulating circuit coupled to the current regulating circuit, and further coupled to a line side through a semiconductor having a turn-on voltage threshold higher than the pass-transistor; and a current limit test circuit configured to apply a reference impedance to the load side output. The latch regulating circuit compares a voltage from the current regulating circuit to a voltage measured at the semiconductor to determine when the load current exceeds the threshold. When the load current exceeds the threshold for a period of time exceeding a predetermined duration, the latch regulating circuit temporarily shuts off the pass-transistor.

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: GLS FLASH BOOT AND RECOVERY AREA PROTECTION TO MEET GMR REQUIREMENTS

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:61/484,006	1)BAE SYSTEMS INFORMATION & ELECTRONIC
(32) Priority Date	:09/05/2011	SYSTEMS INTEGRATION INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :P.O.BOX 868, NHQ1-719, NASHUA,
(86) International Application No	:NA	NH 03061-0868, U.S.A. U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)RADOVCIC, BORIS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for protecting boot and recovery area of a flash memory in order to meet GMR requirements in radio system is disclosed. When the core engine modem is installed in a factory test equipment, LOCK signal on the PoP module is logic high. At this time, the flash will be unlocked, and the boot and recovery code is written. The boot and recovery sectors will then be locked and the user area of the flash is left unlocked. When installed in a GLS DICE-T, LOCK signal on the PoP module is logic low. At this time, the flash device will ignore block lock commands, which prevent the unlocking of the protected sectors. The write enable signal from a GVA can now be utilized to enable writing to the user area of the flash despite of protecting boot and recovery areas.

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

(21) Application No.1088/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A MOBILE APPLICATION AND METHOD OF ITS INTEGRATION IN MOBILE DEVICES

(51) International classification (31) Priority Document No	:H04L29/08 :NA	(71)Name of Applicant: 1)SHARMA, DEEPAK
(32) Priority Date	:NA	Address of Applicant :BL-128, L BLOCK, HARI NAGAR,
(33) Name of priority country	:NA	NEW DELHI, 110064 INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHARMA DEEPAK
(87) 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 mobile application and method for its integration in mobile device. The present invention relate to mobile application for displaying advertisements (ads) on mobile devices, and more particularly, to ads served to mobile devices using integrations of ad position within applications downloaded using mobile application stores.

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

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DYNAMIC ASSIGNMENT OF RESOURCES FROM HYPERVISORS TO VIRTUAL MACHINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:NA :NA :NA	(71)Name of Applicant: 1)Unisys Corporation Address of Applicant: C/O Patent & Technology Law Group MS/2NW, 801 Lakeview Drive, Suite 100, Blue Bell, PA 19422,
(86) International Application No	:NA :NA	United States of America U.S.A.
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Satish Kumar Govindaraju 2)Nisaruddin Shaik
Filing Date	:NA	2)NSai uddii Shaik
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT TOYNAMIC ASSIGNMENT OF RESOURCES FROM HYPERVISORS TO VIRTUAL MACHINESTM Adaptive virtual servers with hypervisor managers may be used to manage several hypervisors, including hypervisors of different types. An adaptive virtual server may monitor resource utilization of virtual machines and dynamically assign resources to the virtual machines. Dynamic allocation of resources may improve efficiency for usage of available resources and improve performance of the virtual machines. Further, an adaptive virtual server may allocate resources to a virtual machine from multiple hypervisors, including hypervisors of different types.

No. of Pages: 38 No. of Claims: 18

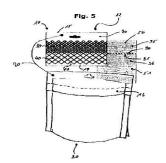
(22) Date of filing of Application :19/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : TAPE FOR CLOSING A PACKAGING, USE OF THE TAPE FOR CLOSING A PACKAGING, PACKAGING CLOSED WITH TAPE, AND METHOD FOR THE PRODUCTION OF A PACKAGING CLOSED WITH THE TAPE

(51) International classification	:B65D	(71)Name of Applicant:
(31) Priority Document No	:10 2012 10	1)HUHTAMAKI RONSBERG, ZWEIGNIEDERLASSUNG
(31) Friority Document No	520.1	DER HUHTAMAKI DEUTSCHLAD GMBH & CO. KG
(32) Priority Date	:24/02/2012	Address of Applicant :HEINRICH-NICOLAUS-STR. 6, DE-
(33) Name of priority country	:Germany	87671 RONSBER/ALLGAU, GERMANY Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DAELMANS, EDDY
(87) International Publication No	:NA	2)MARZ, MANFRED
(61) Patent of Addition to Application Number	:NA	3)SURDZIEL, AGATA
Filing Date	:NA	4)STREITEL, MARKUS
(62) Divisional to Application Number	:NA	5)KLAUS, THOMAS
Filing Date	:NA	

(57) Abstract:

The invention relates to an opening system for a packaging (20), especially a tape (10), especially a plastics tape, for closing a packaging (20), wherein the tape (10) has on a first tape side (12) at least one fixing region (30) as well as an opening region (40) which extend, substantially parallel to one another and associated with opposing longitudinal tape edges (14, 15), in the longitudinal tape direction. The invention relates further to the use of such a tape for the production and closing, especially re-closing, of a packaging, and to a packaging produced with such an opening system, and to a method for the production of such a packaging, and further to a method for closing, especially reversibly, a packaging by means of the tape developed according to the invention.



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

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : CHITOSAN BASED DRUG LOADED NANOPARTICLES AND PROCESSES FOR PREPARING THEM

(51) International classification :A61K9/1 (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 Filing Date :NA	(71)Name of Applicant: 1)DEPARTMENT OF BIOTECHNOLOGY, NEW DELHI Address of Applicant:BLOCK-2 (7TH FLOOR), CGO COMPLEX, LODI ROAD, NEW DELHI-110003, INDIA Delhi India 2)VIDYASAGAR UNIVERSITY, WEST BENGAL 3)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR (72)Name of Inventor: 1)ROY SOMENATH 2)CHAKRABORTY SUBHANKARI PRASAD 3)MAHAPATRA SANTANU KAR 4)SAHU SUMANTA 5)PRAMANIK PANCHANAN
---	--

(57) Abstract:

The present disclosure relates to surface modified chitosan nanoparticles comprising at least one pharmaceutically active ingredient loaded on a nano-sized conjugate of either folic acid-2, 2'-ethylenedioxy-bisethylamine and O-carboxymethyl chitosan or chitosan-acrylic acid. The present disclosure also relates to a process for preparing surface modified chitosan nanoparticles.

No. of Pages: 49 No. of Claims: 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1405/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: BALL MILL

(51) International classification :B020 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR Address of Applicant: DEAN, RESEARCH & DEVELOPMENT, 255, FACULTY BUILDING, IIT KANPUR, KANPUR - 208016, INDIA. Uttar Pradesh India 2)CENOGEN MATERIALS PVT. LTD. (72)Name of Inventor: 1)MISHRA, B.K. 2)SANGAL, SANDEEP 3)GARG, ASHISH 4)PRAKASH, PREM 5)MANDAL, TAPENDU
--	--

(57) Abstract:

The present subject matter relates to a ball mill (100) having at least one arm (110), at least one container (106, 112) mounted on the at least one arm (110), and at least one motor (120). The at least one motor (120) is coupled to the at least one arm (110) and the at least one container (106, 112). The motor (120) rotates the at least one arm (110) about a gyration axis (116) and rotates the at least one container (106,112) about a rotational axis (117,118). Further, the ball mill (100) includes a tilting unit (300, 300) to tilt at least one of the at least one arm (112) and the at least one container (106,112) at a tilt angle with respect to a reference axis.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: MICROWAVE ABSORBING SYNTACTIC FOAM FOR X-BAND FREQUENCY REGION

(51) International classification	:C04B38/06,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION (DRDO)
(33) Name of priority country	:NA	Address of Applicant : Ministry of Defence, Room No. 348, B-
(86) International Application No	:NA	Wing, DRDO Bhawan, Rajaji Marg, New Delhi-110011, India
Filing Date	:NA	Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JAIN, Abhinandan
Filing Date	:NA	2)GOPINATHAPANICKER, Jayalakshmi Cherukattu
(62) Divisional to Application Number	:NA	3)DIXIT, Alok Kumar
Filing Date	:NA	4)SHAMI, Trilok Chand

(57) Abstract:

MICROWAVE ABSORBING SYNTACTIC FOAM FOR X-BAND FREQUENCY REGION The present invention provides a microwave absorbing syntactic foam designed for electromagnetic interference (EMI) shielding and stealth application. The microwave absorbing syntactic foam comprising resin, glass microballoons, carbon fibers and carbon black powder for various applications related to EMI shielding and stealth technology. The developed syntactic foams were characterized for their permittivity and microwave absorption by free space measurement system. Optimized syntactic foam shows atleast 8-10 dB reflection loss in X band (8.2 12.4 GHz) frequency region.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: TREEMAP-TYPE USER INTERFACE

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant: 1)Cisco Technology, Inc. Address of Applicant: 170 West Tasman Drive, San Jose, CA
(33) Name of priority country(86) International Application No Filing Date	:NA :NA :NA	95134-1706, USA U.S.A. (72)Name of Inventor: 1)Praveen VEDHA
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one embodiment, a user interface system based on a treemap-type 5 presentation includes a processor and a memory. The processor is operative to store data for items which can be invoked, generate data for a user interface screen having regions arranged according to an arrangement, at least some of the regions being different sizes and being arranged according to size order, assign at least some of the items to the regions, receive user selections from an input device, 10 determine which item is being selected for each user selection, refresh an assignment of the items among the regions of the user interface screen so that even though the assignment of the items among the regions is changed as a result of the refreshment, the arrangement and sizes of the regions in the user interface screen remain unchanged. Related apparatus and methods are also described.

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

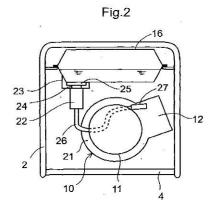
(22) Date of filing of Application: 19/04/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention: ENGINE WORKING 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 	:F16B :2011- 098162 :26/04/2011 :Japan :NA :NA :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD., Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN Japan (72)Name of Inventor: 1)HIROSHI MIZUGUCHI 2)HIROKO MURAKAMI 3)HAYATO MATSUDA 4)TAKESHI FUKAWA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provide an engine working machine that has a fuel tank disposed in an upper portion of a frame, wherein the capacity of the fuel tank is effectively used and a complex structure is prevented while reducing the length of the fuel piping. An engine working machine 1 including an electronically controlled fuel injection system is provided. An engine 10 and a generator 11 are disposed in a lower portion, and a fuel tank 16 is disposed above the engine 10 and the generator 11. A fuel pump 22 is mounted on a bottom outside surface of the fuel tank 16, and disposed projecting on a side portion of the crankcase 21 located lower than the cylinder head 12. An extended box 23 is provided on a bottom surface of the fuel tank 16, and the fuel pump 22 is mounted with a filter 25 and a fuel intake port 24 located inside the extended box 23. The fuel pump 22 is housed in a pump case 30, and the pump case 30 is fixed to a bottom surface of the fuel tank 16 or the extended box 23.



No. of Pages: 22 No. of Claims: 9

(21) Application No.1746/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: MONITORING APPARATUS, MONITORING CONTROL APPARATUS, POWER SUPPLY APPARATUS, MONITORING METHOD, MONITORING CONTROL METHOD, POWER STORAGE SYSTEM, ELECTRONIC APPARATUS, MOTOR-DRIVEN VEHICLE, AND ELECTRIC POWER SYSTEM

(51) International classification	:H01J	(71)Name of Applicant:
(31) Priority Document No	:2011140453	
(32) Priority Date	:24/06/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAOYUKI SUGENO
(87) International Publication No	: NA	2)MORIHIKO SATO
(61) Patent of Addition to Application Number	:NA	3)KOJI UMETSU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A monitoring apparatus includes a first converter that converts first analog data indicating a voltage value of each of batteries into first digital data; and a second converter that converts second analog data indicating an electric current value flowing through the plurality of batteries into second digital data. The first analog data and the second analog data are data having the same timing.

No. of Pages: 78 No. of Claims: 16

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : POSITION DETECTING SENSOR, POSITION DETECTING DEVICE, AND POSITION DETECTING METHOD

(51) International classification (31) Priority Document No	:G06Q :2011- 152073	(71)Name of Applicant: 1)WACOM CO., LTD. Address of Applicant: 2-510-1, TOYONODAI, KAZO-SHI,
(32) Priority Date(33) Name of priority country(86) International Application No Filing Date	:08/07/2011 :Japan :NA :NA	SAITAMA 349-1148, JAPAN Japan (72)Name of Inventor: 1)YASUYUKI FUKUSHIMA
 (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 position detecting sensor is configured by providing a dielectric member having flexibility between first conductors and second conductors and providing spacers for separating the first conductors or the second conductors from the dielectric member by a determined gap. When a pressing force is applied by an indicator (e.g., a finger or a pen) on the position detectingsensor, the first conductor and the second conductor come to abut each other, with the dielectric member interposed therebetween. Further, an abutting area (contact area) between the dielectric member and the conductor changes (e.g., increases) according to the pressing force applied by the indicator. Thus, capacitance of the capacitor formed between the first conductor and the second conductor is largely changed, to allow detection of a position indicated by the ifldicator as well as the pressing force applied at the indicated position with high sensitivity and high accuracy.

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

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HYPERVISOR MANAGER FOR VIRTUAL MACHINE MANAGEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F12/02 :NA :NA :NA	(71)Name of Applicant: 1)Unisys Corporation Address of Applicant: C/o Patent & Technology Law Group MS/2NW, 801 Lakeview Drive, Suite 100, Blue Bell, PA 19422,
(86) International Application No	:NA	United States of America U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Nisaruddin Shaik
(61) Patent of Addition to Application Number	:NA	2)Satish Kumar Govindaraju
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT "HYPERVISOR MANAGER FOR VIRTUAL MACHINE MANAGEMENT" Adaptive virtual servers with hypervisor managers may be used to manage several hypervisors, including hypervisors of different types. An adaptive virtual server may monitor resource utilization of virtual machines and dynamically assign resources to the virtual machines. Dynamic allocation of resources may improve efficiency for usage of available resources and improve performance of the virtual machines. Further, an adaptive virtual server may allocate resources to a virtual machine from multiple hypervisors, including hypervisors of different types.

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

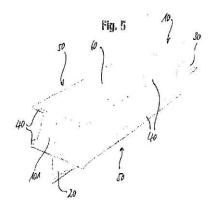
(22) Date of filing of Application: 19/04/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention : FLOW-PACK PACKAGING ESPECIALLY FLOW-WRAP PACKAGIN, AND A BLANK FOR PRODUCING A FLOW-WRAP PACKAGING

(51) T	D 65D	
(51) International classification	:B65D	(71)Name of Applicant:
(31) Priority Document No	:10 2011	1)HUHTAMAKI RONSBERG, ZWEIGNIEDERLASSUNG
(31) Thomas Document 110	105 097.7	DER HUHTAMAKI DEUTSCHLAND GMBH & CO. KG
(32) Priority Date	:21/06/2011	Address of Applicant :HEINRICH-NICOLAUS-STR. 6, DE-
(33) Name of priority country	:Germany	87671 RONSBER/ALLGAU, GERMANY Germany
(86) International Application No	:NA	2)NA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DAELMANS, EDDY
(61) Patent of Addition to Application Number	:NA	2)MARZ, MANFRED
Filing Date	:NA	3)SURDZIEL, AGATA
(62) Divisional to Application Number	:NA	4)SCHRAEGLE, MATHIAS
Filing Date	:NA	

(57) Abstract:

The invention relates to a flow-pack packaging (10), especially a flow-wrap packaging, having at least one longitudinal sealed seam (20) in the form of a fin-seal or lap-seal and two transverse sealed seams (30), wherein the packaging (10) has at least two supporting overlaps (40) which are substantially formed from a material forming the packaging (10) and, in particular, forming the at least one longitudinal sealed seam (20) and the transverse sealed seams (30), preferably a film material, for example a laminate material, and define a standing surface (50) for the packaging (10), and to a film blank for producing such a packaging, wherein the film blank (80) has a strip-shaped adhesive coating (85) in each of two opposite edge regions (90), which coatings are used to form the transverse sealed seams (30) of the packaging (10), and has in at least one edge region (90) at least one strip-shaped adhesive coating (85) which is used to form the longitudinal sealed seam (20) of the packaging (10), and also has at least two cold adhesive strips (100) running substantially parallel to the adhesive coating (85) forming the longitudinal sealed seam (20).



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

(22) Date of filing of Application :19/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PLATEN GAP ADJUSTMENT MECHANISM AND PRINTER

(51) International classification	:B41J	(71)Name of Applicant:
(31) Priority Document No	:2011- 133938	1)SEIKO EPSON CORPORATION Address of Applicant :4-1, NISHISHINJUKU 2-CHOME,
(32) Priority Date	:16/06/2011	SHINJUKU-KU, TOKYO 163-0811, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KUMAZAKI, MASAYUKI
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To keep the gap between the printhead and print medium constant while holding the printhead 13 in the same posture, a platen gap adjustment mechanism 25 has a carriage guide shaft 22, a carriage drive unit 3 0 that is supported on a carriage guide shaft pivotably around the axis L1 of the carriage guide shaft, and a main carriage 31 that carries a printhead and is supported on the carriage drive unit pivotably around a parallel axis L2 that is parallel to the carriage guide shaft. When the print medium 100 conveyed over the platen roller 14 and the main carriage slide against each other and the main carriage 31 moves up tracking the thickness of the print medium, the carriage drive unit pivots up around the axis L1, and the main carriage pivots down around the parallel axis L2.

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

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM IMPLEMENTING PARALLEL LIFT FOR RANGE OF ANGLES

(51) International classification	:F16B	(71)Name of Applicant:
(31) Priority Document No	:13/162,356	1)CATERPILLAR INC.
(32) Priority Date	:16/06/2011	Address of Applicant :100 N.E. ADAMS STREET, PEORIA,
(33) Name of priority country	:U.S.A.	ILLINOIS 61629, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHATTERS, AARON R.
(87) International Publication No	: NA	2)BUDDE, STEVEN C.
(61) Patent of Addition to Application Number	:NA	3)REEDY, JOHN T.
Filing Date	:NA	4)STONE, ROBERT E.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A hydraulic system is disclosed. The hydraulic system may have a pump, a lift actuator, a lift valve arrangement, a tilt actuator, a tilt valve arrangement, and a tilt angle sensor configured to generate a first signal. The hydraulic system may further have at least one operator interface device movable to generate a second signal indicative of a desired lift velocity and a third signal indicative of desired tilt velocity, and a controller. The controller may be configured to command the lift valve arrangement to meter pressurized fluid based on the second signal, command the tilt valve arrangement to meter pressurized fluid based on the third signal and, when the first signal indicates that the actual tilt angle has entered a specified range of tilt angles during lifting, command the tilt valve arrangement to meter pressurized fluid based on the second signal as the actual tilt angle remains within the specified range. Figure 1.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :21/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: NOVEL VACCINE FORMULATION AGAINST ANTHRAX

(51) International classification	:C12N7/01,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHATNAGAR, RAKESH
(32) Priority Date	:NA	Address of Applicant :LABORATORY OF MOLECULAR
(33) Name of priority country	:NA	BIOLOGY AND GENETIC ENGINEERING, SCHOOL OF
(86) International Application No	:NA	BIOTECHNOLOGY JAWAHARLAL NEHRU UNIVERSITY
Filing Date	:NA	NEW DELHI 110067, INDIA. Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SINGH, SAMER
Filing Date	:NA	2)MANISH
(62) Divisional to Application Number	:NA	3)BHATNAGAR, RAKESH
Filing Date	:NA	

(57) Abstract:

The present invention relates to a novel vaccine formulation against anthrax and methods of preparation thereof The present invention provides a novel single dose adjuvant free Poly-Lactic acid co-Glycolic Acid (PLGA) protective antigen domain 4 based vaccine formulation for anthrax. The present invention also relates to the methods for the preparation of the said Poly-Lactic acid co-Glycolic Acid (PLGA) protective antigen domain 4 based vaccine formulation.

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

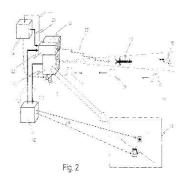
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DIFFERENTIAL GUIDANCE DEVICE USING ACTIVE LASER IMAGERY

(51) International classification	:G01N	(71)Name of Applicant:
(31) Priority Document No	:1101254	1)THALES
(32) Priority Date	:21/04/2011	Address of Applicant :45 RUE DE VILLIERS, 92200
(33) Name of priority country	:France	NEUILLY/SUR/SEINE, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ERIC SAVTY
(87) 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:

The invention relates to a device allowing the performance of the guidance of an interception delivery system towards a target detected by detection means to which the device is linked, means which designate to it the target to be intercepted. The guidance device comprises a laser imager and a dual deviation indicatorcapable of effecting a differential deviation measurement between the target designated by the detection means and the interception delivery system directed towards the target. According to the configuration considered, the device according to the invention itself determines the distances of the target and the delivery system, or is associated with suitable telemetry means which determine these distances. Similarly according to the configuration considered, it itself effects the remote control of the interception delivery system or it transfers the effected deviation measurements to appropriate means which produce and transmit navigation commands to the interception delivery system. Also according to the configuration considered, it can effect the guidance of a plurality of interception delivery systems towards different designated targets.



No. of Pages: 34 No. of Claims: 11

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SKIVING TOOL COMPRISING CUTTER BARS

	1)KLINGELBERG AG Address of Applicant :BINZMUHLESTRASSE 171, 8 ZURICH, SWITZHERLAND Switzerland (72)Name of Inventor : 1)HARTMUTH MARX 2)OLAF VOGEL 3)MARTIN ZAGROMSKI	(33) Name of priority country (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
--	--	---

(57) Abstract:

Skiving tool (100) for manufacturing a rotationally symmetrical periodical structure on a work piece by means of a power skiving method. The skiving tool (100) comprises a base body (110) comprising a central rotation axis (Rl) and a plurality z of receiving openings, wherein z is a positive integer, as well as a plurality n of cutter bars (120), wherein n is a positive integer less or equal to z. Each of the z receiving openings has an elongate shape having a longitudinal axis, and all receiving openings are arranged uniformly around the central rotation axis (Rl). The longitudinal axes of the receiving openings are generators of a rotation hyperboloid, which is arranged rotationally symmetrical to the central rotation axis (Rl).

No. of Pages: 56 No. of Claims: 11

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : 'SEALING GROMMET FOR CONNECTION BETWEEN TERMINAL HOUSING AND INTERIOR OF SEALED COMPRESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16B :13/178555 :08/07/2011 :U.S.A. :NA :NA :NA : NA	(71)Name of Applicant: 1)DANFOSS SCROLL TECHNOLOGIES, LLC Address of Applicant: ONE SCROLL DRIVE, ARKADELPHIA, ARKANSAS 71923, USA U.S.A. (72)Name of Inventor: 1)LAMER WILSON THIBODEAUX
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A sealed compressor has an electric motor receivmithin a hermetically sealed shell. The electric motor drives a compressor pump unit. An electric connection provides electric power to the motor. A terminal housing is mounted on the shell, with a terminal plug for supplying electrical power from outside of the shell into a connector within the shell. A grommet is at an opening in the shell which allows passage of the electric connector from the terminal plug to the electric connection. The grommet has a first surface positioned on an opposed side of a wall of a housing spaced from the shell, and a second surface sealing against the shell. The grommet has an interior portion allowing passage of the electrical connections from the terminal plug into the electric connector within the shell.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMPROVED BIOMASS COOKSTOVE HAVING HIGHER THERMAL EFFICIENCY

(51) International classification(31) Priority Document No(32) Priority Date	:F23L15/00 :NA :NA	(71)Name of Applicant: 1)DR. SUDHIR KUMAR TYAGI Address of Applicant: Sardar Swaran singh National Institute
(33) Name of priority country	:NA	of Renewable Energy, 12th KM Mile stone, Jalandhar- Kapurthala
(86) International Application No	:NA	Road, Kapurthala Punjab India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. SUDHIR KUMAR TYAGI
(61) Patent of Addition to Application Number	:NA	2)PANDEY ADARSH KUMAR
Filing Date	:NA	3)PAL KUNWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT IMPROVED BIOMASS COOKSTOVE HAVING HIGH THERMAL EFFICIENCY The present invention discloses an improved, natural draft cookstove, in which the thermal efficiency is much higher than the existing cookstoves. The stove of the present invention has four holes at the bottom for primary air and twenty four holes in the upper side for secondary air. The adjustment mechanism is provided at the bottom so that the opening of holes can be adjusted according to the need and hence, the primary air inlet at the bottom can be controlled as per the requirement. Due to optimized diameter of primary and secondary holes the combustion process is faster and more efficient; leading to lesser pollutants i.e. the CO/CO2 ratio is less than (0.04) the limit described in the testing standard (BIS, 2013) as compared to the majority of the existing cookstove models.

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

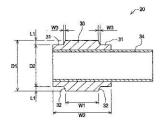
(54) Title of the invention : DRAFT ROLLER, SPINNING UNIT, SPINNING MACHINE, AND MANUFACTURING METHOD OF SPUN YARN

(51) International algorification	.D06N1/00	(71)Nome of Applicant
(51) International classification	:2011-	(71)Name of Applicant: 1)MURATA MACHINERY, LTD.
(31) Priority Document No	146765	Address of Applicant :3 MINAMI OCHIAI-CHO,
(32) Priority Date	:30/06/2011	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326,
(33) Name of priority country	:Japan	JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MORITA AKIHIRO
(87) International Publication No	:NA	2)GOYUDE SATO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The front top roller 20 includes a fiber contacting portion 30 and a reduced-diameter portion 31. The fiber contacting portion 30 has a substantially uniform outer diameter. The reduced-diameter portion 31 is provided at both ends of the fiber contacting portion 30 in an axial direction, and is formed with an outer diameter smaller than an outer diameter of the fiber contacting portion 30. The fiber contacting portion 30 has a width Wl in an axial direction of 18 mm and the outer diameter Dl of 30 mm. An outer diameter D2 of the reduced-diameter portion 31 is 25 mm. [Most Illustrative Drawing] FIG. 5

[FIG. 5]



No. of Pages: 51 No. of Claims: 13

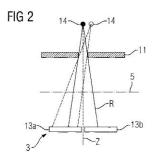
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FAULT IDENTIFICATION IN A COMPUTED TOMOGRAPHY 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 	:102011075804.6 :13/05/2011 :Germany :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY Germany (72)Name of Inventor: 1)RAINER RAUPACH 2)NICOLAE RUSCA 3)OTTO SEMBRITZKI
---	---	---

(57) Abstract:

In a method for fault identification in a computed tomography system (1), which comprises an X-ray tube (2) with a rotating anode (10) as well as an at least single-array detector (3), a test measurement is performed by means of the computed tomo-graphy system (1), in the course of which the exposure inten-sity (B) in at least one detector array (13a,13b) is recorded on a time-resolved basis. According to the method at least one spectrally selective fluctuation (FF) in the recorded exposure intensity (B) at the rotating anode frequency (fA) and/or a whole multiple of this frequency (fA) is determined. A measure for the strength of the plate impact of the X-ray tube (2) is derived from the frequency-selective fluctuation (FF).



No. of Pages: 26 No. of Claims: 9

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FLEXIBLE SUPPORT STRUCTURE FOR A GEARED ARCHITECTURE GAS TURBINE ENGINE

(51) International classification (31) Priority Document No	:F04B :61/484453	(71)Name of Applicant: 1)UNITED TECHNOLOGIES CORPORATION
(32) Priority Date	:08/06/2011	Address of Applicant :ONE FINANCIAL PLAZA,
(33) Name of priority country	:U.S.A.	HARTFORD, CONNECTICUT 06101, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MICHAEL E. MCCUNE
(87) International Publication No	:NA	2)JASON HUSBAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

A geared architecture with a flex mount for a Fan Drive Gear System defined by a transverse stiffness relatonship.

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

(21) Application No.1794/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: BACKLIGHT DEVICE AND LIQUID DISPLAY APPARATUS USING THE SAME

(51) International classification	:G06Q	(71)Name of Applicant:
(21) Direit December No.	:2011-	1)HITACHI CONSUMER ELECTRONICS CO., LTD.
(31) Priority Document No	145123	Address of Applicant :2-1, OTEMACHI 2-CHOME,
(32) Priority Date	:30/06/2011	CHIYODA-KU, TOKYO 100-0004, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)OUCHI SATOSHI
Filing Date	:NA	2)KUBOTA HIDENAO
(87) International Publication No	: NA	3)NAGAYOSHI MAYUMI
(61) Patent of Addition to Application Number	:NA	4)TSUMURA MAKOTO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A backlight device, for irradiating lights on a liquid crystal panel, comprises plural numbers of backlight blocks, wherein each backlight block has a sheet-like reflection member 5 (19), whichisdisposedonabottomsurfaceofthebacklightblock, aplate-like optical element (2), which is provided facing tothe reflection member and is disposed separating in direction perpendiculartoalightirradiating surfaceofthebacklightfrom the reflection member, and LEDs (7), which are disposed within lo a space between the optical element and the reflection member, for emitting the lights in direction in parallel with the light irradiating surface of the backlight, whereby the lights fromthe LEDstransmitthroughtheopticalelement, propagating while being reflected repetitively within the space defined between the optical 15 element and the reflection member, so as to guided on the light irradiating surface of the backlight, and thereby increasing en efficiency of utilization of lights from the light source; i.e., providing a technology for enabling to obtain an appropriate optical output (for example, uniformity of brightness), with a 20 simple structure thereof.

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

(21) Application No.1225/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RAILROAD FREIGHT CAR DRAFT GEAR

(51) International classification :F16B (31) Priority Document No :13/068, 599 (32) Priority Date :16/05/20 (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 Filing Date :NA	(71)Name of Applicant: 1)MINER ENTERPRISES, INC. Address of Applicant: 1200 EAST STATE STREET, P.O. BOX 471, GENEVA, ILLINOIS 60134, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)DONALD E. WILT 2)KEITH A. SALIS
---	--

(57) Abstract:

A railroad freight car multipiece spring seat assembly including a spring seat, a top plate, and a spring. The spring seat is adapted to operably engage one end of a spring assembly in a railroad freight car draft gear. The top plate is adapted to operably engage with each of a plurality of friction shoes arranged in the railroad freight car draft gear. The spring of the multipiece spring seat assembly is operably disposed between the spring seat and the top plate.

No. of Pages: 41 No. of Claims: 29

(21) Application No.1226/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMPROVED POLYCRYSTALLINE TEXTURING COMPOSITION AND METHOD

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :61/477,933 :21/04/2011	(71)Name of Applicant: 1)ROHM AND HAAS ELECTRONIC MATERIALS LLC Address of Applicant: 455 FOREST STREET,
(33) Name of priority country	:U.S.A.	MARLBOROUGH, MASSACHUSETTS 01752, UNITED
(86) International Application No	:NA	STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)ROBERT K. BARR
(61) Patent of Addition to Application Number	:NA	2)COREY O'CONNOR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An aqueous acidic composition which includes alkaline compounds, fluoride ions and oxidizing agents is provided for texturing polycrystalline semiconductors. Methods for texturing are also disclosed. The textured polycrystalline semiconductors have reduced reflectance of light incidence.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1804/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FEED INJECTOR FOR GASIFICATION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C :13/162623 :17/06/2011 :U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RYU, TONY
(87) International Publication No	: NA	2)PAN, EDWARD
(61) Patent of Addition to Application Number	:NA	3)MARIKATTI, PRASHANT
Filing Date	:NA	4)MISHRA, NIRAJ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application and the resultant patent provide a feed injector nozzle (150) for a gasification system (100) with a reaction zone therein (160). The feed injector nozzle (150) may include a number of tubes (190) extending towards the reaction zone (1 60). The tubes (1 90) may define a number of passages (1 80) therebetween. A cooling water channel (300) may extend through one of the tubes (190). The cooling water channel (300) may include a first side (3 10) adjacent to one of the passages (180) and a second side (320) adjacent to the reaction zone (160). The first side (3 10) may include a first side thickness (330) and the second side (320) may include a second side thickness (340) with the first side thickness (330) being less than or equal to the second side thickness (340).

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

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM AND METHODS FOR USE IN MONITORING OPERATING OF A ROTATING DEVICE

(51) International classification	:B60K	(71)Name of Applicant:
(31) Priority Document No	:13/165,596	,
(32) Priority Date	:21/06/2011	Address of Applicant :1 RIVER ROAD, SEHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WHITEFIELD, II, CHARLES DAVID
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for use in monitoring operation of a rotating device includes at least one first sensor that senses a position of a first component coupled to the rotating device, and at least one second sensor that senses a position of a second component coupled to the rotating device. A processor coupled to the first sensor and the second sensor calculates a first plurality of property values of the first component based on the first component position, and a second plurality of property values of the second component based on the second component position. The processor graphically presents a first display including at least one trace based on the first plurality of component property values, graphically presents a second display including at least one trace based on the second plurality of component property values, and synchronizes the trace in the first display with the trace in the second display.

No. of Pages: 34 No. of Claims: 20

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : APPARATUS AND METHODS FOR LINEAR ACTUATION OF FLOW ALTERING COMPONENTS OF JET ENGINE NOZZLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B41J :13/163463 :17/06/2011 :U.S.A. :NA :NA	-,
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A trans cowl for a jet engine includes a chevron coupled with a linear actuators. The chevron is movable by the linear actuator forward or aft to change a gas flow path formed by an core cowl and thrust reverser translating cowl. In a first position, the chevrons are disposed substantially parallel the gas flow path to attenuate drag and/or loss of engine thrust. In a second position, the chevrons are moved aft to project, or further project, into the gas flow path. In one embodiment, the linear actuator comprises a first component that is coupled with the outer cowl. A second component of the linear actuator is coupled with the chevron. When installed, the linear actuator can be coupled with a controller and an electrical power source. A position sensor coupled with the controller senses a position of the linear actuator and/or the chevron.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM AND METHODFOR OPTIMIZING PLANT OPERATIONS

(51) International classification(31) Priority Document No(32) Priority Date	:A61M :13/105781 :11/05/2011	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HOLT, JOEL DONNELL
(87) International Publication No	:NA	2)NICHOLS, RICHARD LEE
(61) Patent of Addition to Application Number	:NA	3)BLOCK, FREDERICK WILLIAM
Filing Date	:NA	4)ALEXANDER, MICHAEL JOSEPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present disclosure include systems and a method. In one embodiment, a system is provided. The system includes a risk calculation system (12) configured to calculate a risk based on a static input (28) and a dynamic input (30), and a decision support system (14) configured to use the risk to derive a decision. The system also includes a plant control system (58) configured to update operations of a plant (10) based on the decision, wherein the decision predicts future plant (10) conditions.

No. of Pages: 62 No. of Claims: 12

(22) Date of filing of Application :18/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ILLUMINATED CAPACITIVE TOUCH BASED SWITCH AND SWITCH BANK •

(51) Let an all all all (51) at least	1101110/00	(71)N 6 A P 4
(51) International classification	:H01H9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MINDARIKA PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :Village Nawada Fatehpur P.O.
(33) Name of priority country	:NA	Sikanderpur Badda Distt. Gurgaon Haryana 122004 Haryana
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Arun Kumar Arora
(61) Patent of Addition to Application Number	:NA	2)Mohan Murari Soni
Filing Date	:NA	3)Manoj Kumar Jindal
(62) Divisional to Application Number	:NA	4)Vivek Yadav
Filing Date	:NA	

(57) Abstract:

The present invention relates to a capacitive touch based switch with illumination and a switch bank including multiple of such switches for automotive applications. More particularly the present invention relates to a capacitive touch switch comprising a non-conductive cover including touch-sensitive area adapted to be touched by a user and a portion requiring illumination located within the said touch sensitive area capacitive electrode provided on a surface of a printed circuit board the capacitive electrode interposed between the non-conductive cover and the printed circuit board light source located beneath the printed circuit board and aperture formed in the printed circuit board such that the light generated by the said light source traverses through the aperture and illuminates said area requiring illumination of the non-conductive cover.

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

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SURGICAL FASTENER APPLYING APPARATUS

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:61/494,985	1)TYCO HEALTHCARE GROUP LP
(32) Priority Date	:09/06/2010	Address of Applicant :15 HAMPSHIRE STREET,
(33) Name of priority country	:U.S.A.	MANSFIELD, MA 02048 UNITED STATES OF AMERICA
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GURUMURTHY, ADITYA NANDITALE
(61) Patent of Addition to Application Number	:NA	2)GUPTA, ARVIND KUMAR
Filing Date	:NA	3)GARIKIPATI, KIRAN
(62) Divisional to Application Number	:NA	4)DONGALA, NAGARAJU
Filing Date	:NA	5)KATRE, NIKHIL R.

(57) Abstract:

A surgical fastener applying apparatus for applying fasteners to body tissue. The apparatus includes an anvil half-section having a distal anvil portion and a proximal handle portion and a cartridge receiving half-section having an elongated channel member. A firing assembly is releasably supported in the cartridge half-section and includes a locking member. A clamping lever having an engagement member engages a latch portion of the locking member to releasably retain the clamping lever in a clamped position.

No. of Pages: 50 No. of Claims: 15

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SURGICAL FASTENER APPLYING APPARATUS

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:61/494,993	,
(32) Priority Date	:09/06/2011	Address of Applicant :15 HAMPSHIRE STREET,
(33) Name of priority country	:U.S.A.	MANSFIELD, MA 02048 UNITED STATES OF AMERICA
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GUPTA, ARVIND KUMAR
(61) Patent of Addition to Application Number	:NA	2)DHAKAD, HARSHOTTAM SINGH
Filing Date	:NA	3)AGARWAL, MANOJ KUMAR
(62) Divisional to Application Number	:NA	4)VIVEKANANDAN, VINAYAN
Filing Date	:NA	5)KATRE, NIKHIL R.

(57) Abstract:

A surgical fastener applying apparatus for applying fasteners to body tissue. The apparatus includes a cartridge receiving half-section defining an elongated channel member, an anvil half-section, and a clamping lever. The cartridge receiving half-section releasably receives a cartridge and a firing assembly. The clamping lever includes a protrusion in a sidewall which is receivable in a bifurcated depression formed in a sidewall of the cartridge receiving half- section to releasably retain the clamping lever in a non-clamped position and in a clamped position. The apparatus includes a disposable firing assembly and SULU.

No. of Pages: 54 No. of Claims: 15

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONFIGURATION OF A STATOR OF A ROTATING ELECTRIC MACHINE

(51) International classification(31) Priority Document No(32) Priority Date	:H01J :1155602 :24/06/2011	(71)Name of Applicant: 1)VALEO SYSTEMS DE CONTROLE MOTEUR Address of Applicant: 14 AVENUE DES BEGUINES, BP
(33) Name of priority country	:France	68532, 95892 CERGY PONTOISE CEDEX, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BRUYERE ANTOINE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method of configuring a rotating electric machine (1) stator (2), comprising the steps: 5 - employing a stator (2) having a carcass (5) on which electrical conductors are coiled so as to form N coils (6j), N being greater than or equal to four and, - electrically connecting the coils (6j) to an electrical power supply device (7) in such a way that each coil (6j) is traversed by a specific electric current (ij) delivered by the electrical power supply device (7), 10 the connection of the stator (2) to the electrical power supply device (7) being performed in such a way that as one progresses around the axis (X) of the stator away from a reference coil (61), the phase shift between the current (il) traversing the said reference coil and the current (ij) traversing each of the other coils (6j) and specific to the latter varies in a strictly monotonic manner as one progresses.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: COOLING SYSTEM FOR USE IN AN APPLIANCE AND METHOD OF ASSEMBLING SAME

(51) International classification	:B60K	(71)Name of Applicant:
(31) Priority Document No	:13/091528	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:21/04/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAW, BRADLEY DOUGLAS
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		I .

(57) Abstract:

A cooling system (12) for use in cooling an interior volume (20) of an appliance (10). The cooling system includes a first cooling assembly (56) that is positioned within a housing (22) that defines the interior volume. The first cooling assembly facilitates cooling the interior volume of the housing. A second cooling assembly (58) is positioned external to the housing in flow communication with the first cooling assembly. The second cooling assembly is configured to channel a cooling fluid to the first cooling assembly. A control system (200) is coupled to the first and second cooling assemblies. The control system is configured to channel cooling fluid from the second cooling assembly to the first cooling assembly when a temperature of air external to the housing is less than a temperature of air inside the housing, to facilitate reducing the air temperature inside the housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1816/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: EPOXY-BASED REDISPERSIBLE POLYMER POWDER

\ / · · · · · · · · · · · · · · · · · ·	1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)HARTMUT KUEHN 2)MARGARITA PERELLO 3)EVA-MARIE MICHALSKI
---	---

(57) Abstract:

A polymer composition comprising at least one epoxy resin; at least one vinyl ester polymer; and at least one nonionic surfactant having a molecular weight 5 within the range of from 1,000 to 7,000 Daltons which is different from an alkyl polyglycol ether or alkylaryl polyglycol ether having 8 to 40 ethylene oxide units. A redispersible powder comprising the polymer composition can be used in a construction chemistry product containing a hydraulic binding agent.

No. of Pages: 33 No. of Claims: 12

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ZERO ENERGY POLYTUNNEL COMPOSTING TECHNIQUE FOR WHITE BUTTON MUSHROOM (AGARICUS BISPORUS SPP)

(51) International classification	:A01N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WAKCHAURE, GORAKSHA CHIMAJI
(87) International Publication No	: NA	2)SINGH, MANJIT
(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 compost production for button mushroom yield enhancement wherein said method is not dependent on season involving use of zero-energy polytunnel, comprising the step of: ,forming trapezoidal heaps/pile JFom he properly mixed pre-wetted compost ingredients by inserting perforated pipes in parallel zigzag arrangement natural pa.steurizution by covering ojcompost pile/heap with polythene sheet .for 2 dayYr at 66-72°C and opening of side cover ,for conditioning at 50-60°C of compost, for next 2 days first turning qf compost heapbile on 6Ih days and w i n formation ofpile with perforated JDPE pipes second natural pu.steurization by covering of compost pile/heap with polythene sheet ,for 2 days at 60-68OC and conditioning of compost pile/heap.for next 2 days at 52-54°C second turning on I1th day., covering qf compost pile/heap for next 2-3 with polythene cover without closing the sides for conditioning at 461-52°C Breaking and spreading of matured compost pile/heap for over night cooling, spawning and filling of compost bags/beds.

No. of Pages: 24 No. of Claims: 7

(21) Application No.2310/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PUSHROD ASSEMBLY FOR CIRCUIT BREAKER •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H05K :11006149.6 :27/07/2011 :EPO :NA :NA : NA : NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstrasse 44 CH-8050 Z1/4rich Switzerland (72)Name of Inventor: 1)CHRISTIAN REUBER 2)PHILIPP MASMEIER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pushrod assembly 10 for a circuit breaker comprises a pushrod 12 with an insulating body 16, an insulating housing 14 surrounding the push rod 12, a first insulating shield 5 32 connected to the pushrod 12 and a second insulating shield 34 connected to the housing 14. The first insulating shield 32 and the second insulating shield 34 are arranged inside the housing 14 such that an electrical path through a fluid 26 inside the housing 14 is longer than the distance of a first end 18 and a second end 22 of the push rod 12.

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

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR IMMOBILIZATION OF LIQUID CRYSTAL ON SOLID SURFACE

(51) International classification	:B05D5/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY - KANPUR
(32) Priority Date	:NA	Address of Applicant :Dean, Research & Development, Room
(33) Name of priority country	:NA	Number 151, Faculty Building, Post Office: IIT Kanpur, Kanpur-
(86) International Application No	:NA	208016, Uttar Pradesh, India Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SIVAKUMAR, Sri
(61) Patent of Addition to Application Number	:NA	2)PALA, Raj, Ganesh, S
Filing Date	:NA	3)UPADHYAY, Arun Prakash
(62) Divisional to Application Number	:NA	4)SADHUKHAN, Prasenjit
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process of immobilisation of oil-in-water emulsion on a solid surface. Particularly, the invention provides polymer-facilitated immobilization of liquid crystal emulsion using click chemistry, on chemically functionalized solid surfaces. The process shows advantageously higher stability of the immobilised liquid crystal emulsion on a planar surface.

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

(21) Application No.1241/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: EFFECTIVE H MODEL: A SOFTWARE DEVELOPMENT PROCESS MODEL

(51) International classification :G0	6F (71)Name of Applicant :
(31) Priority Document No :NA	1)OCHIN
(32) Priority Date :NA	Address of Applicant :H.NO - 606 SEC - 21D FARIDABAD
(33) Name of priority country :NA	HARYANA - 121002 Haryana India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)OCHIN
(87) International Publication No :NA	1
(61) Patent of Addition to Application Number :NA	1
Filing Date :NA	1
(62) Divisional to Application Number :NA	1
Filing Date :NA	1

(57) Abstract:

This invention is related with the Software Engineering Branch of Computer Science, ft is a new Software Development Process Model (SDPM) that describes novel set of rules and process guide to develop software related (web and desktop) applications with the benefit of early working model, freezed requirements. Reliable design and flawless implementation with reduced complexity. To make the development fast and with less cost, open source tools are also put remarkable impact.

No. of Pages: 18 No. of Claims: 4

(22) Date of filing of Application :23/04/2012

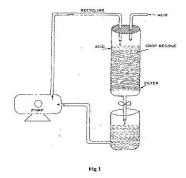
(43) Publication Date: 30/10/2015

(54) Title of the invention : A MULTI-NUTRIENT ORGANIC MANURE SYNTHESIZED FROM HIGH LIGNO-CELLULOSIC CROP RESIDUES AND THE PROCESS FOR SYNTHESIZING THE SAME

(51) International classification (31) Priority Document No	:A01N :NA	(71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	(ICAR)
(33) Name of priority country	:NA	Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA
(86) International Application No	:NA	PRASAD ROAD, NEW DELHI - 110001, INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)KUMAR PRAVEEN
(61) Patent of Addition to Application Number	:NA	2)KUMAR KAJAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a two/three step process for producing organic manure from crop residues with high recalcitrant lignocellulose complexes (RLCC). Mustard residues have been used as an example in the application. It provides a method to convert crop residues with RLCC into concentrated multi-nutrient fertilizer with almost equal percentage (14-20%) of Carbon, Nitrogen and Phosphorus.



No. of Pages: 11 No. of Claims: 7

(21) Application No.1370/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR AUCTIONING CHARGING TIMES FOR ELECTRIC VEHICLES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H05K :13/110415 :18/05/2011 :U.S.A.	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)BOOT, JOHN CHRISTOPHER
(87) International Publication No	:NA	2)VUKOJEVIC, ALEKSANDAR
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods are provided for auctioning charging times for electric vehicles (205) at one or more charging stations (210). The systems (100) and methods may include delivering, to a customer computing device (103) associated with a customer, auction information regarding an auction for at least one time slot of a charging station (210) for an electric vehicle (205); receiving, from the customer computing device (103), a bid amount for the auction; and delivering a notification to the customer computing device (103) if the received bid amount is accepted as a winning bid amount for the auction.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MANUFACTURING ADHESIVE PATCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 13/02 :2009-237571 :14/10/2009 :Japan :PCT/JP2010/067129 :30/09/2010 :WO 2011/046023 :NA :NA	(71)Name of Applicant: 1)HISAMITSU PHARMACEUTICAL CO., INC. Address of Applicant: 408, TASHIRODAIKAN-MACHI, TOSU-SHI, SAGA 841-0017, JAPAN Japan (72)Name of Inventor: 1)KIYOTAKA TAKADA
--	--	---

(57) Abstract:

A method and an apparatus for manufacturing an adhesive patch which is easily applied to the skin. The method includes a first step of forming a pressure-sensitive adhesive agent layer 14 on a support 12, a second step of fixing a pinching piece forming sheet 18 on a release sheet 16, a third step of forming a weakened part 20 in the release sheet 16 and the pinching piece forming sheet 18, and a fourth step of releasably adhering the release sheet 16 to which the pinching piece forming sheet 18 is fixed, that has been obtained in the third step, to the pressure-sensitive adhesive agent layer 14 on the support 12, that has been obtained in the first step.

No. of Pages: 70 No. of Claims: 13

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : STRAIN AGING HARDENING TYPE STEEL SHEET EXCELLENT IN AGING RESISTANCE, AND MANUFACTURING METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C :2010-260590 :22/11/2010 :Japan :PCT/JP2011/064317 :22/06/2011 :PCT/JP2011/064317 :NA :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION, Address of Applicant:6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN, Japan (72)Name of Inventor: 1)NAOKI MARUYAMA 2)KOJI HASHIMOTO 3)MASAHARU KAMEDA
--	--	--

(57) Abstract:

A strain aging hardening type steel sheet excellent in aging resistance, and manufacturing method thereof, said steel sheet comprises: in mass%, C: 0.0010 to 0.010%; Si: 0.005 to 1.0%; Mn: 0.08 to 1.0%; P: 0.003 to 0.10%; S: 0.0005 to 0.020%; Al: 0.010 to 0.10%; Cr: 0.005 to 0.20%; Mo: 0.005 to 0.20%; Ti: 0.002 to 0.10%; Nb: 0.002 to 0.10%; N: 0.001 to 0.005%; and a balance being composed of Fe and inevitable impurities, in which a ferrite fraction is 98% or more, an average grain diameter of ferrite is 5 to 30 μ m, a minimum value of dislocation density in a portion having a 1/2 thickness of a sheet thickness and a minimum value of dislocation density in a surface layer portion are each 5 x 1012/m2 or more, and an average dislocation density falls within a range of 5 x 1012/m2.

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

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : AIMING DEVICE FOR DISTAL LOCKING OF INTRAMEDULLARY NAILS AND METHODS OF USE

(51) International classification	:A61B17/58	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HITENDRA PUROHIT
(32) Priority Date	:NA	Address of Applicant :28, Khashaba Park, Near Utkarsh
(33) Name of priority country	:NA	Vidyalaya, Gotri Road, Vadodara 390015, India Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HITENDRA PUROHIT
(87) 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 aiming device system that is configured to align at least one bone anchor guide to a first distal hole of an intramedullary nail can include an aiming arm that is configured to be operatively coupled to the intramedullary nail and an aiming guide. The aiming arm can define a sliding support that is elongate along a first direction. The aiming guide can include a guide body that defines at least a first bone anchor guide. The aiming guide is attached to the aiming arm such that the aiming guide is selectably movable along the sliding support, and selectably rotatable relative to the aiming arm. When the first bone anchor guide is retaining the guide sleeve, at least one of the selectable movement and selectable rotation of the guide body at least partially aligns the first bone anchor guide with the first distal hole of the intramedullary nail.

No. of Pages: 46 No. of Claims: 44

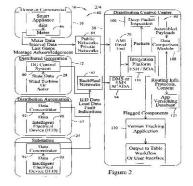
(22) Date of filing of Application :17/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR DETECTING COMPATIBILITY ISSUES WITHIN AN ELECTRICAL GRID CONTROL SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H04N :13/089,762 :19/04/2011 :U.S.A. :NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA :NA :NA	1)MCMULLIN DALE ROBERT 2)BOOT JOHN CHRISTOPHER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A packet inspection system (98) for use in a power grid control system (50) comprising a plurality of subsystems (60) is described. The packet inspection system includes a memory device (122) configured to store information associated with the plurality of subsystems. The packet inspection system also includes a deep packet inspection device (100) configured to extract at least one data packet sent to a central subsystem (30) of the plurality of subsystems. The packet inspection system also includes a processing device (108) coupled to the deep packet inspector and to the memory device. The processing device is configured to identify a compatibility issue within the power grid control system by analyzing the at least one data packet.



No. of Pages: 28 No. of Claims: 11

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: THEFT PROTECTION SYSTEM FOR A WIND PARK

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GAMESA INNOVATION & TECHNOLOGY, S.L.
(32) Priority Date	:NA	Address of Applicant :AVENIDA CIUDAD DE LA
(33) Name of priority country	:NA	INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA),
(86) International Application No	:NA	SPAIN. Spain
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)THANGAMANI, ARUNVEL
(61) Patent of Addition to Application Number	:NA	2)MOHAMED, AHMED IBRAHIM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is directed to a control system for monitoring and controlling the theft activities occurring in a wind turbine farm. The control system includes a door assembly having a primary door and a secondary door, a detection system present on a wind turbine base having a plurality of load cell sensors and a smart alarm network. The door assembly enhances the inaccessibility to the wind turbines for the unauthorized persons. The detection system detects the presence of an unauthorized person near the wind turbine and sends a signal to a controller. In response to the signal, the controller activates the alarms present on each of the plurality of wind turbines in the wind farm.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE FOR MOVING A FLUID

(51) T	E1 CD	(71)NI CA II
(51) International classification	:F16B	(71)Name of Applicant:
(31) Priority Document No	:10 2011	1)KRONES AG
(31) Thority Document No	075 097.5	Address of Applicant :BOHMERWALDSTRASSE 5, 93073
(32) Priority Date	:02/05/2011	NEUTRAUBLING, GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DAVIDSON, HARTMUT
Filing Date	:NA	2)ENGEL, ERWIN
(87) International Publication No	:NA	3)WEINZIERL, MATTHIAS
(61) Patent of Addition to Application Number	:NA	4)ZACHARIAS, JORG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a device for moving a fluid, comprising a moving part to move the fluid, and a synchronous motor, whereby the synchronous motor comprises a stator with at least one stator coil and a rotor with at least one rotor magnet, whereby the moving part can be driven directly by the synchronous motor and acts as its rotor.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: STATOR IN AN ELECTRIC MOTOR

(51) International classification	:H02K 1/14	(71)Name of Applicant:
(31) Priority Document No	:10 2009 055 400.9	1)ROBERT BOSCH GMBH
(32) Priority Date	:30/12/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:PCT/EP2010/067883	(72)Name of Inventor:
Filing Date	:22/11/2010	1)FEUERROHR, LIN
(87) International Publication No	:WO 2011/080008	2)GUTMANN, MARTIN
(61) Patent of Addition to Application	:NA	3)DEVERMANN, THOMAS
Number	:NA	4)EWERT, ANDREAS
Filing Date	.11/1	5)NOMMENSEN, BJOERN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stator in an electric motor, in particular, in a servo motor for a vehicle, comprising a plurality of separately produced teeth segments (1) forming a stator ring; and support teeth (3) for receiving energized coils (6) and provided radial outside, wherein the teeth segments (1) comprises yoke segments (2) forming outside of the stator ring, the yoke segments forming support for the radial support teeth (3) directed radial towards inside, wherein connection elements (8, 9) are disposed on a peripheral front sides (7) of the yoke segment (2) for connecting adjacent yoke segment (2) and the connection elements (8, 9) are disposed on the peripheral front sides (7) at a radial distance from a center circle (10) through the radial center of the yoke segments (2).

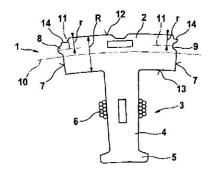


Fig. 1

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

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A ROTARY POSITIVE DISPLACEMENT MACHINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F01C21/18 :NA :NA :NA	(71)Name of Applicant: 1)THE DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO) Address of Applicant: Ministry of Defence, Government of
(86) International Application No Filing Date	:NA :NA	India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi-110101, India. Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)PRASAD NEELANKANTAN SIVA 2)SIVAKUMAR PALANIVELU
(62) Divisional to Application Number	:NA	2)SIVAKUWAK I ALAMIVELU
Filing Date	:NA	

(57) Abstract:

TITLE: A ROTARY POSITIVE DISPLACEMENT MACHINE ABSTRACT The present disclosure provides a rotary positive-displacement machine having a cylindrical housing comprising a plurality of working chambers of predetermined cross-section configured by providing plurality of walls between a base plate surface and an annular ring. One or more outlet passages positioned adjacent to the walls for each of the chambers to exit fluid out. Further, a cylinder having a bearing shaft rotatably mounted onto the housing which forms another wall on the chambers. Inlet passages are provided on circumference of the cylinder, for entry of fluid into the chambers and at least one provision is provided adjacent to each of the inlet passages. A guide path is provided axially on the base plate surface around the plurality of working chambers. A piston having a piston body and a pin at one end is arranged in the provision. The pin follows the guide path for operating the piston. FIGURE 4

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

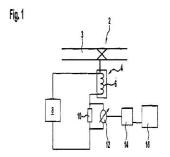
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND DEVICE FOR TESTING SOLENOID VALVES

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01N :11175141.8- 2216 :25/07/2011 :EPO :NA :NA :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)LEIF, THYSSEN
--	---	--

(57) Abstract:

A device for testing a solenoid valve (2) comprises a solenoid valve (2), a voltage generator (8) for applying a short pulse of voltage, which is not long enough to open the solenoid valve (2), to the windings (6) of the solenoid valve (2), a current meter (10, 12) configured for measuring the current flowing through the windings (6) of the solenoid valve (2), and an analysis unit (16), which is configured for analyzing the current measured by the current meter (10,12) for detecting a potential fault of the solenoid valve (2).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3185/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FUSE HOLDER FOR AN AUTOMOBILE FUSE TERMINAL BLOCK

(51) International classification	:H01H85/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MOTHERSON SUMI SYSTEMS LIMITED
(32) Priority Date	:NA	Address of Applicant :C-14, A&B SECTOR-1, NOIDA-
(33) Name of priority country	:NA	201301, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIKAS THAKUR
(87) International Publication No	: NA	2)ANURAG SAXENA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fuse terminal block comprising a fuse box and cover wherein the fuse terminal block cover comprises an elongated box-shaped housing, said housing having a base and a pair of opposing, spaced-apart side walls joined to and vertically extending from said base wherein the housing further comprises a plurality of flat-fuse slots/sections disposed along the first side defining the longitudinal axis of the housing and along the two sidewalls defining the transverse axis of the housing and a separate slot/section to accommodate a fuse puller.

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

(22) Date of filing of Application :20/04/2012

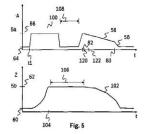
(43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD AND DEVICE FOR ACTUATING AN AMOUNT CONTROL VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D 41/20 :10 2009 046 825.0 :18/11/2009 :Germany :PCT/EP2010/065383 :14/10/2010 :WO 2011/061017 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)WILMS, RAINER 2)SCHUMACHER, MATTHIAS 3)KUEMPEL, JOERG 4)MAESS, MATTHIAS
--	---	---

(57) Abstract:

A method for actuating an amount control valve (30) is described. A control signal from a first signal value (77), at a first time point (82), drops to a second signal value (78), at a second time point (83), where the control signal from the second signal value (78) at the second time point (83) drops to the second control value (64) at a third time point (84), where the amount control valve (30) located in a closed state at the first time point (82) is permitted at the second time point (83) to begin the opening, and is effectively opened shortly before the third time point (84). The amount control valve (30) is in the closed state (62) for control signals above the first signal value (77) and the amount control valve (30) is not in the closed state (62) for control signals below the second signal value (74).



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

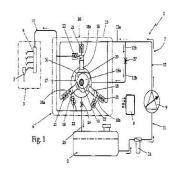
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM FOR FEEDING FUEL FROM A TANK TO AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F04B 53/18 :MI2009A002271 :22/12/2009 :Italy :PCT/EP2010/068468 :30/11/2010 :WO 2011/076526 :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)LAMM, MARCO
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system (1) for feeding fuel from a tank (2) to an internal combustion engine (3), the system comprising an electrically actuated prefeed variable-flow pump (9), a high-pressure piston pump (10) having a pump casing (15) and a piston movement mechanism (17) housed in the pump casing, and a hydraulic circuit (7) comprising a first branch (11) for connecting the tank to the pre-feed pump, a second branch (12) for connecting the pre-feed pump to the high-pressure piston pump, and a third branch (13) for connecting the high-pressure piston pump to the internal combustion engine. The second branch of the hydraulic circuit is branched downstream of the pre-feed pump into a first channel (12a) for connecting the pre-feed pump directly to the intake of the high-pressure piston pump, and into a second channel (12b) for making the fuel flow solely through at least one calibrated hole (27).



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

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A METHOD OF PREPARATION OF RADAR ABSORBING MESH STRUCTURED FABRIC FOR 8-18 GHZ FREQUENCY

		(71)Name of Applicant :
(51) International classification	:G21K1/10	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(31) Priority Document No	:NA	DEVELOPMENT ORGANISATION (DRDO),
(32) Priority Date	:NA	Address of Applicant :Ministry of Defence, Government of
(33) Name of priority country	:NA	India, DRDO Bhawan, Rajaji Marg, New Delhi - 110011, India
(86) International Application No	:NA	Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)A.K.Saxena
(61) Patent of Addition to Application Number	:NA	2)Anurag Srivastava
Filing Date	:NA	3)S. M. Abbas
(62) Divisional to Application Number	:NA	4)K. K. Gupta
Filing Date	:NA	5)Om Dev
		6)Dur Vijay Singh

(57) Abstract:

The invention relates to a method of preparation of radar absorbing mesh structured fabric for 8-18 GHz frequency, suitable for radar camouflage applications, of the following the steps of (a) dispersing 5-20 wt% acetylene black and 5-20 wt% milled carbon fibre in methyl ethyl ketone to form a dispersion; (b) mixing the dispersion, as obtained in step (a) in polyurethane solution under constant stirring; (c) homogenizing the mixed dispersion, as obtained in step (b), with magnetic stirring followed by sonication; (d) evaporating methyl ethyl ketone, at 80 to 100 o C from homogenized mixed dispersion, as obtained in step (c), till a sufficiently viscous solution suitable for coating purposes is obtained; (e) applying the viscous solution, as obtained in step (d), on a 3 mm mesh structured 60.0 - 70.0 gsm polyester fabric using a knife over roller coating system; (f) curing the coated fabric, as obtained in step (e), at 120oC for 3 min followed by further drying at 80-100oC for a period of 60-90 min.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR THERMOGRAPHIC INSPECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Petent of Addition to Application Number 	:G01N :13/094921 :27/04/2011 :U.S.A. :NA :NA	NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)KNIGHT, BRYON EDWARD 2)HOWARD, DONALD ROBERT
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	3)RINGERMACHER, HARRY ISRAEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method (400) for thermographic imaging is described. The method (400) captures (404) a plurality of thermal images of a surface of an object, at non-linear intervals over a period of time, each of the thermal images being associated with temporal data. The method then processes (406) the plurality of thermal images and the temporal data, and identifies (408) features within the object based on the processing.

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

(21) Application No.1758/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PHOTOVOLTAIC DEVICE WITH REFLECTION ENHACING 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 	:NA :NA : NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA ·NA	
Filing Date	:NA	

(57) Abstract:

A photovoltaic device (10) is provided. The photovoltaic device (10) comprises an absorber layer (20) comprising a chalcogenide material. The photovoltaic device (10) further comprises a back contact (40) and a reflection enhancing layer (30) disposed between the absorber layer (20) and the back contact (40).

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

(22) Date of filing of Application :25/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SATELLITE PAYLOAD FOR AUGMENTATION SYSTEMS •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04N :1102464 :05/08/2011 :France :NA	(71)Name of Applicant: 1)THALES Address of Applicant: 45 rue de Villiers 92200 Neuilly Sur Seine France (72)Name of Inventor:
Filing Date	:NA	1)CHRISTIAN PEYROTTE
(87) 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 payload for augmentation satellite (600) comprising an input channel (201,202,503) suitable for receiving navigation signals transmitted by at least one navigation land earth station (NLES) in a first frequency band and a plurality of output channels (206,207,208,216,217,218), each suitable for broadcasting navigation signals 10 in a frequency band different from said first band and from other broadcasting bands, characterized in that it also comprises a navigation processor (501). The invention also relates to a satellite comprising such a payload and an augmentation system comprising such a satellite.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: LYSINE SPECIFIC DEMETHYLASE-1 INHIBITORS AND THEIR USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 207/14 :09171425.3 :25/09/2009 :EPO :PCT/EP2010/055131 :19/04/2010 :WO 2011/035941 :NA :NA :NA	(71)Name of Applicant: 1)ORYZON GENOMICS S.A. Address of Applicant: C/ SANT FERRAN 74, 08940 CORNELLA DE LIOBREGAT, BARCELONA, SPAIN Spain (72)Name of Inventor: 1)ORTEGA MUNOZ ALBERTO 2)CASTRO-PALOMINO LARIA JULIO 3)FYFE MATTHEW COLIN THOR
--	---	--

(57) Abstract:

The invention relates to a compound of Formula (I), wherein: (A) is heteroaryl or aryl; each (A), if present, is independently chosen from aryl, arylalkoxy, arylalkyl, heterocyclyl, aryloxy, halo, alkoxy, haloalkyl, cycloalkyl, haloalkoxy, and cyano, wherein each (A) is substituted with 0, 1, 2, or 3 substituents independently chosen from halo, haloalkyl, aryl, arylalkoxy, alkyl, alkoxy, cyano, sulfonyl, amido, and sulfinyl; X is 0, 1, 2, or 3; (B) is a cyclopropyl ring, wherein (A) and (Z) are covalently bonded to different carbon atoms of (B); (Z) is -NH-; (L) is chosen from -CH2CH2-, -CH2CH2CH2-, and -CH2CH2CH2-; and (D) is chosen from -N(-R1)-R2, -0-R3, and -S-R3, wherein: Rl and R2 are mutually linked to form a heterocyclic ring together with the nitrogen atom that Rl and R2 are attached to, wherein said heterocyclic ring has 0, 1, 2, or 3 substituents independently chosen from -NH2, -NH(C1-C6 alkyl), -N(C1-C6 alkyl)(C1-C6 alkyl), alkyl, halo, cyano, alkoxy, haloalkyl, and haloalkoxy, or Rl and R2 are independently chosen from -H, alkyl, cycloalkyl, haloalkyl, and heterocyclyl, wherein the sum of substituents on Rl and R2 together is 0, 1, 2, or 3, and the substituents are independently chosen from -NH2, -NH(C1-C6 alkyl), -N(C1-C6 alkyl), and fluoro; and R3 is chosen from -H, alkyl, cycloalkyl, haloalkyl, and heterocyclyl, wherein R3 has 0, 1, 2, or 3 substituents independently chosen from -NH2, -NH(C1-C6 alkyl), -N(C1-C6 alkyl), and fluoro; or an enantiomer, diastereomer, or mixture thereof, or a pharmaceutically acceptable salt or solvate thereof. The compounds of the invention show inhibitory LSD1 activity, which makes them useful in the treatment or prevention of diseases such as cancer. (A)X-(A)-(B)-(Z)-(L)-(D) (I)

No. of Pages: 145 No. of Claims: 38

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : APPARATUS FOR METERING GRANULAR SOURCE MATERIAL IN A THIN FILM VAPOR DEPOSITION APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B25C :13/197,233 :03/08/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)PRIMESTAR SOLAR, INC. Address of Applicant:14401 WEST 65TH WAY, UNIT B ARVADA, COLORADO 80004, U.S.A. U.S.A. (72)Name of Inventor: 1)LITTLE, EDWIN JACKSON
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A metering mechanism is configured for transferring measured doses of a granular material from a first location to a second location, and is particularly suited for metering source material in a vapor deposition apparatus. A receiver is disposed to receive the granular material from the first location. A discharge port is axially offset from an outlet of the receiver. A reciprocating delivery member having a passage defined therethrough is moved in a reciprocating path by a controllable drive device between a load position wherein the passage is aligned with the receiver outlet and a discharge position wherein the passage is aligned with the discharge port. The amount of granular material transferred from the first location to the second location is a function of the volume of the passage and the reciprocating rate of the delivery member.

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

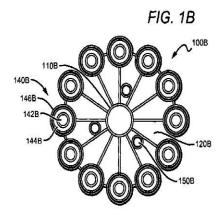
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HYBRID BUOYED AND STAYED TOWERS AND RISERS FOR DEEPWATER

(51) International classification	:E21B 7/12	(71)Name of Applicant:
(31) Priority Document No	:61/253,765	1)FLUOR TECHNOLOGIES CORPORATION
(32) Priority Date	:21/10/2009	Address of Applicant :3 POLARIS WAY, ALISO VIEJO, CA
(33) Name of priority country	:U.S.A.	92698, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/053380	(72)Name of Inventor:
Filing Date	:20/10/2010	1)PRESCOTT, CLIFFORD, NEAL
(87) International Publication No	:WO 2011/050064	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Contemplated hybrid riser towers are configured such that individual riser lines can be added or removed via submarine ROV. Most preferably, riser lines are made from a housing and syntactic foam that encloses a riser pipe to so provide insulation and buoyancy. In further preferred aspects, hybrid riser towers are coupled to each other via a truss to allow expansion via SCR and/or to provide a riser porch.



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

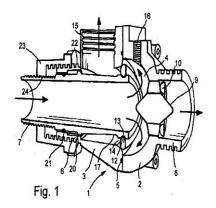
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ADJUSTABLE FLUID PRESSURE AMPLIFIER

(51) International classification (31) Priority Document No	:F04F 7/02 :1005685.1	(71)Name of Applicant: 1)SELWYN, FREDERICK PHILLIP
(32) Priority Date(33) Name of priority country	:06/04/2010 :U.K.	Address of Applicant :4 WHITE LODGE ST. GENNYS BUDE CORNWALL EX23 0NW (GB) U.K.
(86) International Application No Filing Date	:PCT/GB2011/050673 :05/04/2011	(72)Name of Inventor: 1)SELWYN, FREDERICK PHILLIP
(87) International Publication No	:WO 2011/124909	-, -, -, -, -, -, -, -, -, -, -, -, -, -
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The amplifier includes a housing 2, 3 containing a chamber 4 provided with a delivery outlet 8 containing a non-return delivery valve 10. An inlet pipe 7 projects into and terminates within the chamber 4 and a resilient D-section obturator ring 13 is engaged with and located about the pipe to be resiliently-movable in the chamber. An annular exhaust aperture 12 surrounding the pipe can be sealed by the obturator ring 13, the obturator ring being responsive to fluid flow in the inlet pipe 7 such that fluid flow causes the obturator ring to oscillate between conditions which alternately permit and prevent fluid from leaving the chamber through the exhaust aperture 12 thereby causing a pulsed pressure increase in the fluid flowing through the delivery outlet. An adjuster 23 is provided for adjusting the distance by which the fluid inlet pipe 7 projects into the chamber and thus vary the distance between the obturator ring 13 and the annular exhaust aperture 12. The adjuster 23 is rotatably engaged with the pipe 7 and with the housing and moves the pipe using cooperably inclined faces. The obturator ring 13 and the exhaust aperture 12 are preferably shaped to create a venturi effect as fluid flows past them.



No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :20/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: WIND-TURBINE CONTROL METHODS FOR IMPROVING POWER PRODUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 7/02 :200902030 :23/10/2009 :Spain :PCT/ES2010/070672 :20/10/2010 :WO 2011/048251 :NA :NA :NA	(71)Name of Applicant: 1)GAMESA INNOVATION & TECHNOLOGY, S.L. Address of Applicant: AVENIDA CIUDAD DE LA INNOVACION, 9-11, 31621 SARRIGUREN (NAVARRA) - SPAIN Spain (72)Name of Inventor: 1)GARCIA ANDUJAR, JUAN CARLOS 2)LOPEZ RUBIO, JOSE MARIA
--	--	---

(57) Abstract:

Method of operation of a variable speed wind turbine (11) having control means for its regulation tracking a power vs. generator speed curve (31) comprising a nominal zone (39) where the power is kept constant at a nominal value, a first sub-nominal zone (33) where the generator speed is kept constant at its coupling value, a second sub-nominal zone (35) where both generator speed and power are allowed to increase/decrease in line with wind speed and a third sub-nominal zone (37) between the second sub-nominal zone (35) and the nominal zone (39) that comprises a first vertical segment (41) at a generator speed nr2 higher than the generator nominal speed nr1 and a second vertical segment (43) at the generator nominal speed nr1 connecting with the nominal zone (39), each of both segments (41, 43) to be followed in function of the wind speed changes for optimizing the energy production.

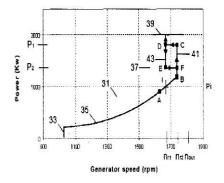


FIG: 3

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

(21) Application No.1129/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NONCIRCULAR INNER LUMEN GUIDING CATHETER WITH ASSISTED VARIABLE SUPPORT

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:13/088,314	
(32) Priority Date	:15/04/2011	Address of Applicant :821 FOX LANE, SAN JOSE, CA
(33) Name of priority country	:U.S.A.	95131, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ROBERTO ECHARRI
(87) International Publication No	:NA	2)CLIFFORD D. TAYLOR
(61) Patent of Addition to Application Number	:NA	3)ERIC WILLIAMS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A noncircular inner lumen guiding catheter with assisted variable support has an inner wall defining a noncircular cross-sectional shaped lumen for use in delivery of multiple microcatheters or other devices for treatment of neurovascular defects, such as for treatment of aneurysms. The noncircular inner lumen guiding catheter with assisted variable support includes torque transmittal guidance walls that are flexible linearly but not circumferentially, and that are neither collapsible nor kinkable. The noncircular shaped cross-section of the inner lumen may extend along the entire length of the catheter or a portion thereof, including distal or proximal.

No. of Pages: 35 No. of Claims: 33

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : MOLDS AND METHODS OF MAKING MOLDS HAVING CONFORMING HEATING AND COOLING SYSTEMS

(51) International classification	:B29C41/46	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SABIC GLOBAL TECHNOLOGIES B.V.
(32) Priority Date	:NA	Address of Applicant :Plasticslaan 1, 4612 PX Bergen op
(33) Name of priority country	:NA	Zoom, The Netherlands Netherlands
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Venkatesha Narayanaswamy
(87) 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 method for forming a mold apparatus comprising: forming a cavity portion through an additive manufacturing process; wherein the cavity portion comprises a cavity molding surface having a surface roughness of greater than or equal to about $0.025~\mu m$ and a plurality of cavity fluid channels; wherein the cavity fluid channels comprise a profile conforming to the profile of the cavity molding surface; treating the cavity molding surface to reduce the surface roughness to less than about $0.025~\mu m$; forming a core portion through additive manufacturing; wherein the core portion comprises a core molding surface and a plurality of core fluid channels; wherein the core fluid channels conform to the core molding surface.

No. of Pages: 33 No. of Claims: 30

(21) Application No.1179/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR MONITORING A GRID CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04N :13/089869 :19/04/2011 :U.S.A. :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROA,D SCHENECTADY, NEW YORK 12345, U.S.A U.S.A. (72)Name of Inventor: 1)BOOT, JOHN CHRISTOPHER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A detection device (160) for monitoring at least one message transmitted between components included within a grid control system (100) is provided. The detection device includes a memory device (310) configured to store a rationality database (350) that includes at least one rule (352), and a processor (315) coupled to the memory device and configured to receive the at least one message and to compare the at least one message with the at least one rule to determine a rationality of the at least one message.

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

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TRAVERSE GUIDE, WINDING UNIT, AND WINDING 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 	:2011- 201970 :15/09/2011 :Japan :NA :NA	(71)Name of Applicant: 1)MURATA MACHINERY, LTD. Address of Applicant: 3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 JAPAN. Japan (72)Name of Inventor: 1)TANIGAWA YASUNOBU
(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 traverse guide includes an arm body (60) and a yarn guiding piece (70) made of ceramics. A mounting groove (63a) is formed on the arm body (60), the mounting groove (63a) being a groove located at an end on one side in a longitudinal direction and having the other side in a longitudinal direction opened. A yarn hooking groove (70a) is formed in the yarn guiding piece (70). The yarn hooking groove (70a) is arranged on an inner side of the mounting groove (63a), and has the other side in the longitudinal direction opened. When the arm body (60) is reciprocated with a yarn hooked at the yarn hooking groove (70a), the yarn is traversed by the traverse guide. [Most Illustrative Drawing] FIG. 6

No. of Pages: 27 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3479/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: LASER-MARKING ADDITIVE

(51) Intermedia and alequification	.C001/ 2/22	(71) Nome of Ameliana
(51) International classification	:C08K 3/22	(71)Name of Applicant:
(31) Priority Document No	:09174512.5	1)DSM IP ASSETS B.V.
(32) Priority Date	:29/10/2009	Address of Applicant :HET OVERLOON 1, NL-6411 TE
(33) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/006506	1)GELISSEN, FRANCISCUS WILHELMUS MARIA
Filing Date	:25/10/2010	2)VAN DUIJNHOVEN, FRANCISCUS GERARDUS
(87) International Publication No	:WO 2011/050934	HENRICUS
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a laser-marking additive wherein the laser-marking additive comprises a bismuth containing compound and a functionalized polymer having 0.01 to 50 wt% of functional groups, in which the weight percentage is based on the total amount of functionalized polymer and bismuth containing compound. The invention further relates to a method for preparation of such laser-marking additive, a laser-markable composition comprising such laser-marking additives and preparation thereof and molded parts comprising the laser-markable composition, as well as films made from the laser-markable composition.

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

(21) Application No.1766/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM FOR AMPLIFYING SIGNALS GENERATED BY A SATELLITE SIGNAL GENERATOR UNIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N :1101782 :10/06/2011 :France :NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)THALES Address of Applicant: 45 RUE DE VILLIERS, 92200 NEUILLY-SUR-SEINE, FRANCE France (72)Name of Inventor: 1)ERIC SENANT 2)CHRISTIAN PEYROTTE 3)CHARLES FERNET
---	--	--

(57) Abstract:

The present invention relates to chromatography matrices ligands based on one or more domains of immunoglobulin-binding proteins such as, Staphylococcus aureus Protein A (SPA), as well as methods of using the same.

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

(22) Date of filing of Application :25/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: INKJET RECORDING APPARATUS

(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 (10) Patent of Addition Number Filing Date (11) Patent of Addition Number Filing Date (12) Patent of Application Number Filing Date (13) NA (14) NA (15) NA (15) NA (16) NA (16) NA (17) NA (17) NA (18) NA	(71)Name of Applicant: 1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD. Address of Applicant:3, KANDA NERIBEI-CHO, CHIYODA-KU, TOKYO 101-0022 JAPAN. Japan (72)Name of Inventor: 1)MORIAI TAKUYA 2)HARADA NOBUHIRO 3)KAWANO TAKASHI
--	---

(57) Abstract:

An inkjet recording apparatus includes an ink particle generation unit that makes a pressurized ink injected from a nozzle into particles, a charging unit that electrically charges the ink particle of those subjected to particulation, which corresponds to a dot to be printed, a polarizing unit that polarizes the electrically charged ink particle in a polarizing electric field, a collection unit that allows a gutter to collect the ink particle corresponding to the dot that is not printed, and a character forming unit that forms a character as a dot matrix on a printing object. A phase detection charging signal is applied to the ink particle that is not used for printing when forming the dot matrix character so as to detect an optimum charging timing in a process of forming the dot matrix character.

No. of Pages: 38 No. of Claims: 6

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PLATING CONCEPT FOR DISTAL RADIAL FRACTURES

(51) International classification	:A61B 17/80	(71)Name of Applicant:
(31) Priority Document No	:61/264,745	1)SYNTHES GMBH
(32) Priority Date	:27/11/2009	Address of Applicant :EIMATTSTRASSE 3, CH-4436
(33) Name of priority country	:U.S.A.	OBERDORF, SWITZERLAND Switzerland
(86) International Application No	:PCT/US2010/057802	(72)Name of Inventor:
Filing Date	:23/11/2010	1)ANDRE GALM
(87) International Publication No	:WO 2011/066280	2)MARTIN LANGER
(61) Patent of Addition to Application	:NA	3)DIRK KERSTAN
Number	:NA	4)CHRISTOF DUTOIT
Filing Date	.IVA	5)FRANCO CICOIRA
(62) Divisional to Application Number	:NA	6)MIRKO ROCCI
Filing Date	:NA	

(57) Abstract:

A BONE FIXATION PLATE COMPRISES A PLATE BODY EXTENDING FROM A FIRST END CONFIGURED FOR PLACEMENT OVER A SHAFT OF A BONE TO A SECOND END CONFIGURED AND DIMENSIONED FOR PLACEMENT OVER AN EPIPHYSIS OF THE BONE, AN OUTER DIAMETER OF THE PLATE BODY INCREASING FROM THE FIRST END TO THE SECOND END TO SUBSTANTIALLY CONFORM TO DIMENSIONS OF THE BONE. AN OPENING EXTENDS THROUGH THE PLATE FROM A FIRST SURFACE WHICH FACES AWAY FROM THE BONE WHEN MOUNTED THEREONTO TO A SECOND SURFACE WHICH FACES THE BONE WHEN IN THE DESIRED ORIENTATION, THE OPENING BEING POSITIONED SO THAT, WHEN MOUNTED OVER THE BONE, A FRACTURE OF THE BONE IS VISIBLE THERETHROUGH TO AID IN ALIGNMENT OF THE BONE PLATE. FIRST AND SECOND HOLES EXTEND THROUGH THE PLATE, EACH OF THE FIRST AND SECOND HOLES BEING STRUCTURED TO LOCKINGLY ENGAGE A THREADED HEAD OF A BONE FIXATION DEVICE INSERTED THEREINTO.

No. of Pages: 34 No. of Claims: 30

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HIGH-TOUGHNESS WEAR RESISTANT STEEL AND METHOD FOR 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 Filing Date 	:C22C 38/00 :NA :NA :NA :PCT/JP2009/069487 :17/11/2009 :WO 2011/061812 :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO METAL INDUSTRIES, LTD Address of Applicant:5-33, KITAHAMA 4-CHOME CHUO- KU, OSAKA-SHI OSAKA 541-0041, JAPAN Japan (72)Name of Inventor: 1)KUBO, SATOSHI 2)FUNIWARA, KAZUKI 3)YUMINO, KAZUHISA
--	---	--

(57) Abstract:

A high-toughness wear resistant steel, which is satisfactory in workability and the properties of which are hardly dependent on production conditions, consisting, by mass%, of C: 0.15 to 0.25%, Si: 0.1 to 1.0%, Mn: 0.4 to 1.3%, P: 0.015% or less, S: 0.005% or less, Cr: 0.2 to 0.9%, Nb: 0.005 to 0.03%, Ti: 0.005 to 0.03%, B: 0.0003 to 0.004%, Al: 0.005 to 0.08% and N: 0.005% or less, the balance being Fe and inevitable impurities, wherein the high-toughness wear resistant steel satisfies the following formulas (1) and (2), and the surface hardness is HBW 400 to 500 in terms of Brinell hardness, and a method for producing the high-toughness wear resistant steel; the high-toughness wear resistant steel may further include one or two or more of the elements Cu, Ni, Mo and V: DI/t = 0.5tol5.0 ...(1) Ms < 430 ... (2) wherein t represents the plate thickness (mm) of the steel, DI represents the hardenability index, and Ms represents the martensitic transformation initiation temperature (°C).

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

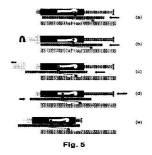
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUTO INJECTOR WITH AUTOMATIC NEEDLE SHIELDING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:09173966.4 :23/10/2009 :EPO	(71)Name of Applicant: 1)BANG & OLUFSEN MEDICOM A/S Address of Applicant: GIMSINGLUNDVEJ 20, DK-7600 STRUER,DENMARK Denmark (72)Name of Inventor: 1)KARLSEN, MORTEN FRIIS 2)GAD, JENS ANDERSEN 3)ANDERSEN, BJ*RN KNUD
(61) Patent of Addition to Application	:NA	

(57) Abstract:

The present invention relates to an auto injector, e.g. a disposable auto injector, that can be safely operated for automatic injection of a dose of medication by the recipient of the medication, having a housing for accommodation of a container with at least one compartment for accommodation of a medicament to be injected and a needle mounting site for user mounting of a needle covered by a needle cap before injection, and a needle shield that is accommodated in the housing in a retracted position before mounting of the needle and that is configured to be automatically moved forward to a protruded position by a needle shield driver upon mounting of the needle and removal of the needle cap.



No. of Pages: 41 No. of Claims: 14

(22) Date of filing of Application :20/04/2012

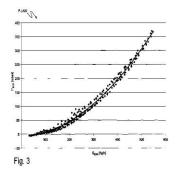
(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD OF UPDATING A PRESSURE LAW PROVIDING THE EXHAUST PRESSURE AS A FUNCTION OF THE EXHAUST GAS FLOW IN AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F16B	(71)Name of Applicant:
(31) Priority Document No	:BO2011A 000213	1)MAGNETI MARELLI S. P. A. Address of Applicant :CORBETTA VIALE ALDO
(32) Priority Date	:20/04/2011	BORLETTI, 61/63, ITALY Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:NA	1)FEDERICO STOLA
Filing Date	:NA	2)MATTEO DE CESARE
(87) 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 of updating a pressure law (P-LAW) providing the exhaust pressure (PEXH) as a function of the exhaust gas flow rate (QEXH); the following steps are included: measuring a first current intensity (Ip1) of a UEGO sensor (13), under conditions of pure air and at a reference exhaust pressure (PEXH); measuring a second current intensity (IP2) of the UEGO sensor (13) under conditions of pure air and at a different exhaust pressure (PEXH); estimating the exhaust gas flow rate (QEXH) at the moment of measuring the second current intensity (Ip2); determining a current difference (Δ Ip); determining an exhaust pressure (PEXH) corresponding to the current difference (Δ Ip) by using a constructional feature (C-LAW) of the UEGO sensor (13); and using the exhaust gas flow rate (QEXH) corresponding to the current difference (Δ Ip) and the exhaust gas flow rate (QEXH) at the moment of measuring the second current intensity (IP2) in order to update the pressure law (P-LAW).



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

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: APPARATUS AND METHODS FOR USE IN THE SALE AND PURCHASE OF ENERGY

(51) International classification	:A47J	(71)Name of Applicant:
(31) Priority Document No	:13/163,415	1 /
(32) Priority Date	:17/06/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CAZAUBON, JESUS ACOSTA
(87) International Publication No	: NA	2)KIENITZ, PAUL MICHAEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computing device (1 12) for use with a power system (100) is provided. The computing device includes a communication interface (230) that is configured to receive energy data from at least one utility, wherein the energy data includes at least one of at least one quantity of energy and at least one energy price. A processor (214) is coupled to the communication interface and programmed to generate at least one offer to purchase energy based on the energy data. A user interface (204) is coupled to the processor and configured to enable at least one operator of at least one energy source (102) to sell energy to the utility by responding to the offer to purchase energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1819/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR PROVIDING INPUT SIGNALS

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:10 2011	1)ROBERT BOSCH GMBH
(31) Friority Document No	081 989 .4	Address of Applicant :POSTFACH 30 02 20, 70442
(32) Priority Date	:01/09/2011	STUTTGART, GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)MERKER, ANDREAS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a method for providing input signals via inputs (44, 46) in a microcontroller (10), a timer unit (12) for a microcontroller (10) and a microcontroller. In the method the input signals are inputted via at least one component allowing a selection of one of the inputs (44,46), wherein at least one component is actuated via an actuation unit (32) of a timer unit (12) and the input signal is processed in the timer unit (12). Fig. 1

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

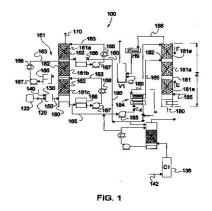
(22) Date of filing of Application :20/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: MEHTOD AND SYSTEM FOR REGENERATING A SOLUTION USED IN A WASH VESSEL

(57) Abstract:

A process and system (100) for removing contaminants from a solution to regenerate the solution within the system. The process includes providing a solution (165) from a wash vessel (160) to a stripping column (181), the solution (165) including contaminants removed from a flue gas stream (150) present in the wash vessel (160) and contacting the solution with steam (185) inside the stripping column (181) thereby removing the contaminants from the solution and regenerating the solution. The stripping column (181) is operated at a pressure less than about 700 kilopascal.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2012

(21) Application No.3478/DELNP/2012 A

(43) Publication Date: 30/10/2015

(54) Title of the invention: TOPICAL COMPOSITIONS

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:09176310.2	1)DSM IP ASSETS B.V.
•	:18/11/2009	
(32) Priority Date		Address of Applicant :HET OVERLOON 1, NL-6411 TE
(33) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/067433	1)SATZINGER, THOMAS
Filing Date	:15/11/2010	2)WESTENFELDER, HORST
(87) International Publication No	:WO 2011/061133	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method of improvement of the water resistance of micronized double coated titanium dioxide particles having an inner inorganic silica coating and an outer silicone coating in a topical composition characterized in that said particles are incorporated into the topical composition the form of a dispersion of said particles in C12-15 alkyl benzoate and polyglyceryl-2 dipolyhydroxystearate. Furthermore, the invention relates to the topical compositions comprising said dispersions as well as to the use thereof as sunscreen.

No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :06/01/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention : PREPARATION OF LEUCO DYE BASED THICK RADIOCHROMIC FILMS FOR VISUAL MONITORING OF GAMMA RADIATION DOSE IN THE GREY DOSE RANGE

(71) I	C01T	(71)NI 6 A P
(51) International classification	:G011	(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, ROOM
(86) International Application No	:NA	NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW
Filing Date	:NA	DELHI-110011 (INDIA); Delhi India
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BERA, ANURADHA
Filing Date	:NA	2)VAIJAPURKAR, SHYAM GOVIND
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Present invention relates to radiochromic films which changes colour on irradiation and thereafter retains the changed color. The present invention also provides a simple, fast and cost effective process for preparing said radiochromic films which are hard, clear, glassy polymeric film having a leuco dye and a free radical initiator. The film retains the changed color after being irradiated with high energy ionizing radiation. The said radiochromic film can be read visually for gamma radiation dose by monitoring the increase in its colour intensity. The radiation dose can also be quantified with the help of an Optical densitometer or UV-Vis spectrophotometer. This kind of visually distinguishable colour changing radiochromic films are extremely useful in the radiation processing industry, particularly in the field of food processing.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTINUOUS ROTARY INJECTION MOLDING 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 	:B29C 45/06 :200910176841.7 :22/09/2009 :China :PCT/CN2009/074903 :11/11/2009 :WO 2011/035502 :NA :NA	(71)Name of Applicant: 1)HUNAN CHINA SUN PHARMACEUTICAL MACHINERY CO., LTD. Address of Applicant: NO. 9 PANPAN ROAD, THE ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, CHANGSHA, HUNAN 410100, CHINA China (72)Name of Inventor: 1)LIANGSHENG AL
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a continuous rotary injection molding machine, comprising: a continuous extrusion-type injection system (1), having an injection nozzle (11) arranged downwards; a plurality of first injection runners (3), arranged horizontally, wherein the injection nozzle (11) of the injection system (1) is located at a junction of the plurality of first injection runners (3); heating members (2), arranged around the plurality of first injection runners (3); plural groups of molding molds (6, 8, 9, 10), arranged under the first injection runners (3); a plurality of second injection runners (4), arranged between the first injection runners (3) and the mold cavities (6); and a plurality of injection switches (5), arranged on either the first injection runners (3) or the second injection runners (4). The continuous rotary injection molding machine in the disclosure is able to realize the production of continuously injecting the small capacity cavities one by one; therefore, an injection screw with small injection volume is required for use, the energy consumption is low, and further the cost is reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3482/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: INTEGRATED POSITIVE AIRWAY PRESSURE 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 	:20/10/2010 :WO 2011/050059 :NA :NA	(71)Name of Applicant: 1)DESHUM MEDICAL, LLC Address of Applicant: ONE BROADWAY 14TH FLOOR, CAMBRIDGE, MASSACHUSETTS 02142, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MICHAEL GERARD LALONDE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A gas delivery system that provides positive airway pressure therapy. A mask couples 10 a patients face to deliver pressurized gas to an airway of the patient. The mask includes a flow generator system disposed on the mask and that pressurizes the gas, the flow generator including at least one motor. A controller controls the at least one motor.

No. of Pages: 40 No. of Claims: 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3483/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONNECTOR ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B 17/16 :61/253,093 :20/10/2009 :U.S.A. :PCT/US2010/052770 :15/10/2010 :WO 2011/049817 :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW, INC. Address of Applicant:1450 EAST BROOKS ROAD, MEMPHIS, TENNESSEE 38116, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)WILLIAM A. KARPOVICH 2)THOMAS A. EINHORN
--	--	--

(57) Abstract:

The present disclosure relates to a connector assembly for with a drill bit in a surgical procedure.

No. of Pages: 22 No. of Claims: 38

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : LUGGAGE PANEL WITH INTEGRATED CARRY HANDLE FOR SOFT-SIDE TYPE LUGGAGE CASES

(31) Priority Document No :61/253,242 1 (32) Priority Date :20/10/2009 1 (33) Name of priority country :U.S.A. 19/2 (86) International Application No :PCT/US2010/053429 (72 Filing Date :20/10/2010 1 (87) International Publication No :WO 2011/050101 2 (61) Patent of Addition to Application .NA 3	71)Name of Applicant: 1)SAMSONITE IP HOLDINGS S.A.R.L. Address of Applicant:13-15 AVENUE DE LA LIBERTE L- 931 LUXEMBOURG, LUXEMBOURG Luxembourg 72)Name of Inventor: 1)DIRK SANTY 2)JORIS SMEUNINX 3)GEORGE TEIXEIRA 4)KENZO YONENO
---	--

(57) Abstract:

Luggage cases of the soft-side construction are perceived to be lighter than hard-side cases but the many rigidifying elements in soft-side cases tend to add to the weight of a soft-side luggage case, reducing its weight advantage over molded shell luggage cases. However, using the body textile in the luggage case to form both the grip portion of a carry handle, and bale portions which are integrally formed with a large panel of body fabric attached directly to a thin resilient wire hoop around the outer perimeter of that panel, results in a remarkably stiff construction that resists distortion when the luggage case is lifted by the thus integrally formed handle. This saves substantial weight in comparison to conventional luggage case constructions having a stiffening perimeter honeycomb frame construction.

No. of Pages: 34 No. of Claims: 71

(21) Application No.1089/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A MOTOR-ASSISTED KITCHEN APPLIANCE WITH A DYNAMICALLY SHAPED JAR TO ACHIEVE AN IMPROVED MIXING AND GRINDING OF THE INGREDIENTS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)HAVELLS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :QRG TOWERS, PLOT 2D, SECTOR
(33) Name of priority country	:NA	126, NOIDA 201304, U.P. India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AMEET GUPTA
(87) International Publication No	: NA	2)VIKAS MANCHANDA
(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 motor-assisted kitchen appliance with a dynamically shaped jar to achieve an improved mixing and grinding of the ingredients, comprising a jar (1) constructed with a reverse tapered profile on its circumference for providing improved mixing and grinding results of ingredients, the jar comprises three parts (a) a lower part (12) (b) a middle part (13) (c) an upper part (14), wherein the lower part 12 is formed with an annular cylindrical outer grinding portion which projects axially into a chamber (10) of the mixer, the central / middle part (13) is round in shape with a diameter greater than that of the lower part (12) including the upper part (14), the upper part (14) of the jar is cylindrical with a diameter equal or different from that of the lower part (12), and a blade (11) rotatable by an external motor clock-wise and anti-clockwise into the jar (1).

No. of Pages: 10 No. of Claims: 3

(21) Application No.1750/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTINUOUS CURRENT ROD 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 	:G06Q :13/205,533 :08/08/2011 :U.S.A. :NA :NA :NA	(71)Name of Applicant: 1)RAYTHEON COMPANY Address of Applicant:870 WINTER STREET WALTHAM, MA 02451-1449, USA U.S.A. (72)Name of Inventor: 1)STANLEY W. LIVINGTON
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A Continuous Current Rod Antenna that may be positioned in close proximity to a 5 conductive backplane and has extremely tight lattices which stabilize the radiation impedance and allows dense TIR modules packaging. The Continuous Current Rod Antenna offers lower profile packaging, with higher gain over larger bandwidths than other collinear array techniques.

No. of Pages: 37 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1825/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHODS FOR COLUMN DELETION IN SHAREPOINT

:A47J	(71)Name of Applicant:
:NA	1)UNISYS CORPORATION
:NA	Address of Applicant :C/O PATENT & TECHNOLOGY
:NA	LAW GROUP MS/2NW, 801 LAKEVIEW DRIVE, SUITE 100,
:NA	BLUE BELL, PA 19422, UNITED STATES OF AMERICA
:NA	U.S.A.
: NA	(72)Name of Inventor:
:NA	1)ARUN KUMAR VENKATA SWAMY ANANDA
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

A computer-implemented method, comprises presenting a graphical user interface displaying a plurality of column identifiers, each column identifier associated with a column in one or more of (i) lists and libraries and (ii) site collection fields, the graphical user interface hrther accepting user input to select one or more of the column identifiers; receiving user input selecting one or more of the column identifiers; and deleting one or more columns corresponding to the one or more selected column identifiers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1826/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : IMPROVED PROCESSES FOR THE PREPARATION AS WELL AS PURIFICATION OF ATORVASTATIN CALCIUM & ITS INTERMEDIATE

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MOREPEN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :VILLAGE & P.OMASULKHANA,
(33) Name of priority country	:NA	PARWANOO, DISTTSOLAN, HIMACHAL PRADESH
(86) International Application No	:NA	173220, INDIA Himachal Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SANJAY SURI
(61) Patent of Addition to Application Number	:NA	2)MADAN PAL TANWAR
Filing Date	:NA	3)SUMAN KUMAR SHARMA
(62) Divisional to Application Number	:NA	4)AVINASH AGGARWAL
Filing Date	:NA	

(57) Abstract:

The present invention relates to the improved processes for the preparation as well as purification of atorvastatin calcium and its intermediate so as reduce 1 remove the critical impurities below the specified limit / desired level. The resulting Atorvastatin calcium or its intermediate can be used further for the preparation of various polymorphic form of Atorvastatin calcium having desired level of impurities.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SUTURE APPARATUS HAVING SEWING FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B 17/04 :10-2009-0089798 :22/09/2009 :Republic of Korea :PCT/KR2010/006448 :17/09/2010 :WO 2011/037383 :NA :NA	(71)Name of Applicant: 1)RIMSCIENCE CO. LTD. Address of Applicant: 2ND FLOOR, SANGDO-DONG, 477- 11 DONGJAK-GU, SEOUL 156-881, REPUBLIC OF KOREA Republic of Korea (72)Name of Inventor: 1)YOON, SANG JIN
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a suture apparatus having a sewing function. More specifically, the present invention relates to a suture apparatus which allows an operator such as doctor or the like to suture human tissue or any other animals body tissue accurately, quickly and easily. In accordance with one embodiment of the present invention, there is provided a suture apparatus which comprises a support, a surgical needle disposed with respect to the support, and a needle driving part tor accommodating the surgical needle and operating the surgical needle, wherein the surgical needle operates with respect to the support, a suture thread from the surgical needle forms a plurality of rings according to the operation of the surgical needle, and the plurality of rings are sequentially connected.

No. of Pages: 24 No. of Claims: 8

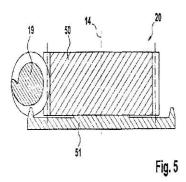
(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: STEERING SYSTEM IN A VEHICLE

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

(57) Abstract:

A steering system in a vehicle, comprising a steering shaft (3) for transmitting a steering angle predefined by the driver, and an electric servo motor (7) for generating a supportive driving torque, wherein the electric servo motor (7) is coupled to the steering shaft (3). In an embodiment, a worm gear (19) is coupled to the motor shaft (15) of the servo motor (7), which is coupled to a worm wheel (20) of the steering shaft (3), wherein the worm wheel (20) comprises two coupled individual wheels (50, 51), which are provided with teeth meshed with the worm gear (19).



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

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A SYSTEM FOR LOGGING LIFE EXPERIENCES OF A PERSON

(51) International classification	:G06F17/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KOCHHAR, YOGESH
(32) Priority Date	:NA	Address of Applicant :C-52, SUSHANT APARTMENTS,
(33) Name of priority country	:NA	SUSHANT LOK-1, ADJ GOLD SOUK, GURGAON-122002
(86) International Application No	:NA	Haryana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KOCHHAR, YOGESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention describes a system for logging life experiences of a person. The system variously provides a comprehensive life-logging tool for msing a persons various attributes, for example, family, friends, education, career, interests etc. The portal guides and suggests the various aspects of life to a person and has three sectlons- Instimtion operated, user operated and Site Admin/administrator operated. It provides the person with an opportunity to document all big and small events of his/ her/its life on this portal in a manner that the person can choose to keep private or for public.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1198/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ULTRASONIC COUPLER ASSEMBLY

(51) International classification (31) Priority Document No	:G01N :13/091464	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:21/04/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AO, XIAOLEI SHIRLEY
(87) International Publication No	:NA	2)KHRAKOVSKY, OLEG ALEXANDER
(61) Patent of Addition to Application Number	:NA	3)FRAIL, CHRISTOPHER ALAN
Filing Date	:NA	4)MA, YUE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An ultrasonic coupler assembly (300) for coupling an ultrasonic transducer (310) to a pipe wall (320) is disclosed, wherein an ultrasonic coupler (330) is configured using three quadrilateral sections (340, 350, 360) to reduce the temperature extreme to which the ultrasonic transducer (310) is exposed and to improve the quality of the ultrasonic signal passing through the ultrasonic coupler (330).

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN INTEGRATED WEB-BASED SHOPPING SYSTEM AND ITS METHOD OF USE

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. VIJAY SINGH
(32) Priority Date	:NA	Address of Applicant :511, FIFTH FLOOR, KAILASH
(33) Name of priority country	:NA	BUILDING, K.G. MARG, N.DELHI-110001. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. VIJAY SINGH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides new and novel integrated hybrid web-based shopping system that entails the working through a retailing platform on the Internet that brings together the retailers, brand owners and consumers without either of them having to pay anything to be a part of or have access to the platform.

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

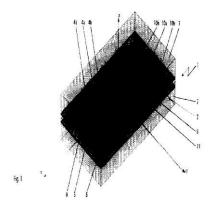
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ANTENNA COUPLER

(51) International classification	:H01P 1/20	(71)Name of Applicant:
(31) Priority Document No	:09173079.6	1)LANDIS+GYR AG
(32) Priority Date	:14/10/2009	Address of Applicant :FELDSTRASSE 1, CH-6300 ZUG,
(33) Name of priority country	:EPO	SWITZERLAND Switzerland
(86) International Application No	:PCT/EP2010/004825	(72)Name of Inventor:
Filing Date	:06/08/2010	1)IGOR DREMELJ
(87) International Publication No	:WO 2010/044965	2)HEINZ HOHL
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an antenna coupler (1) for connection of a radio-frequency antenna to an appliance to which a high voltage can be conductively applied during operation, a multilayer printed-circuit board (2) is provided having conductor levels which are electrically isolated from one another in the depth direction (z) of the multilayer printed-circuit board (2). A first radio-frequency line (3a, 3b), which can be coupled or is coupled to the radio-frequency antenna, is arranged in a first conductor level, while a second radio-frequency line (4a, 4b), which can be coupled or is coupled on the appliance side, is arranged in a second conductor level of the multilayer printed-circuit board (2). The multilayer printed-circuit board (2) has an electrically insulating printed-circuit board core layer (6), with the first and second conductor levels extending on the same of the two faces of the printed-circuit board core layer (6) and with the second radio-frequency line (4a, 4b), which can be coupled or is coupled on the appliance side, being arranged at a greater distance from the printed-circuit board core layer (6) than the first radio-frequency line (3a, 3b), and, furthermore, with the second radio-frequency line (4a, 4b) being arranged on an outer surface of the multilayer printed-circuit board (2). The antenna coupler (1) comprises an electrically conductive shielding structure (5), part of which extends on the opposite, other of the two faces of the printed-circuit board core layer (6) and is designed to shield the first radio-frequency line (3a, 3b) and appliance-side metal parts, which are not part of the antenna coupler (1), against interaction with the carrying of radio-frequency signals.



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

(21) Application No.1397/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : POWER DISTRIBUTION ARCHITECTURE FOR DUAL INTEGRATED CORE ENGINE TRANSCEIVER FOR USE IN RADIO 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 	:61/484,036 :09/05/2011 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC. Address of Applicant: P.O. BOX 868, NHQ 1-719, NASHUA, NH 03061-0868, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RADOVCIC, BORIS 2)O'BARA, CHRISTOPHER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus of using DICE-T personality cards to adapt the incoming voltages supplied by a GVA and provide the ability to turn any voltage to any card on or off depending upon operating mode in a radio system is disclosed. The ability to control voltages individually also allows the control of the power-up sequencing of any card. The DICE-T personality cards use voltages from GVA to generate the additional voltages required by the Core engines and VHF Module. All of the voltages are connected to the hot-swap controllers which provide switching of the power to each destination. The hot-swap controllers also provide monitoring of voltage and shut-down if over-current conditions occur. The two DICE-T personality cards each have a Complex Programmable Logic Device (CPLD) controls the hot-swap controller for each voltage. The CPLD also controls the sequencing of the individual voltages applied to each module.

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : IMAGE PICKUP APPARATUS, IMAGE PICKUP APPARATUS CONTROL METHOD, AND PROGRAM

(51) International classification	:G06F 1/10	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)SONY CORPORATION
(31) Thority Document No	131116	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:13/06/2011	TOKYO, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHUN KAIZU
Filing Date	:NA	2)TOMOO MITSUNAGA
(87) International Publication No	: NA	3)KENSEI JO
(61) Patent of Addition to Application Number	:NA	4)TEPPEI JO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided an image pickup apparatus including: a control unit generating exposure time control data in which an exposure time of an image sensor is set in pixel region units; and an image sensor inputting the exposure time control data and carrying out image acquisition based on exposure time control in the pixel region 10 units. The control unit successively and sequentially generates the exposure time control data in region units based on luminance information in the pixel region units that form part of a preceding picked-up image and outputs the exposure time control data to the image sensor. The image sensor inputs the exposure time control data in the region units from the control unit and successively and sequentially uses the 15 inputted exposure time control data to carry out the image acquisition based on the exposure time control in the pixel region units.

No. of Pages: 71 No. of Claims: 9

(22) Date of filing of Application :06/06/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : NEW CO-CRYSTALS OF AGOMELATINE, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification (31) Priority Document No	:A61K :11/01766	(71)Name of Applicant: 1)LES LABORATOIRES SERVIER
(32) Priority Date	:09/06/2011	Address of Applicant :35, RUE DE VERDUN, F- 92284
(33) Name of priority country	:France	SURESNES CEDEX, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PHILIPPE LETELLIER
(87) International Publication No	: NA	2)MICHAEL LYNCH
(61) Patent of Addition to Application Number	:NA	3)JEAN-MANUEL PEAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

New co-crystal of agomelatine composed of: - agomelatine, or N-[2-(7-methoxy-1-naphthyl)ethyl] acetamide of formula (I) and - an organic acid. Medicaments

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

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : DIVALENT CATION/ANION PAIR CONTAINING COMPOSITIONS AND METHODS FOR TREATING AND/OR PREVENTING ENZYMATIC IRRITATION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:13/170,277	1)JOHNSON & JOHNSON CONSUMER COMPANIES,
(32) Priority Date	:28/06/2011	INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :GRANDVIEW ROAD, SKILLMAN,
(86) International Application No	:NA	NEW JERSEY 08558, USA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CONNIE B. LIN
(61) Patent of Addition to Application Number	:NA	2)EUEN THOMAS GRAHAM EKMAN GUNN
Filing Date	:NA	3)YA-PING HU
(62) Divisional to Application Number	:NA	4)NEEMA KULKARNI
Filing Date	:NA	5)MARY CATHERINE MACK

(57) Abstract:

Compositions and methods for treating andlor preventing conditions such as diaper rash and atopic dermatitis are disclosed. The compositions and methods are particularly useful in the treatment and prevention of diaper rash and diaper dermatitis caused by the prolonged contact of human skin with body waste. The methods employ the topical application of a trypsin-inhibiting agent to the area in need of such treatment, or the area where prevention is desired. The trypsininhibiting agent is preferably a divalent cation/anion pair.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : A CONTROL SYSTEM FOR WIND FARMS WITH AEROGENERATORS PROVIDED WITH MODULAR CONVERTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:30/09/2010 :WO 2011/055175 :NA	(71)Name of Applicant: 1)TREVI ENERGY SPA Address of Applicant: VIA LARGA, 201, I-47522 CESENA (FC), ITALY Italy (72)Name of Inventor: 1)FRANCESCO CASTELLI DEZZA 2)GABRIELE MARCHEGIANI 3)FABIO PALLOTTI 4)DANIELE ROSATI
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A control system (50, 100) for wind power plants, the wind plants comprising aerogenerators (10) provided with DC modular converters (40); the control system (50,100) comprises means for receiving at least a voltage signal coming from a DC medium voltage line (MTDC) electrically connected to said converters (40) and a mechanical torque signal (CRIF) produced by the aerogenerators (10) and controls a plurality of AC-DC conversion modules (40a -40a) of said plant, having inside themselves a plurality of electronic devices driven by impressed voltage and producing on their outputs a respective partial continuous voltage (Vdci); for each aerogenerator (10) there is a plurality of secondary control stages (100) and a single main control stage (50); each of the secondary control stages (100) supplies control signals to a respective AC-DC conversion module (40a -40a) and is designed to keep said partial continuous voltage (Vdci) at a constant value.

No. of Pages: 36 No. of Claims: 14

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM TO INTERCEPT AND SELECTIVELY BLOCK COMMUNICATION CHANNELS AND A METHOD THEREOF

(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION (DRDO)
(33) Name of priority country	:NA	Address of Applicant :Ministry of Defence, Government of
(86) International Application No	:NA	India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New
Filing Date	:NA	Delhi-110105, India. Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)JILLELLAMUDI MANJULA
Filing Date	:NA	2)MANNEPALLI VENKATA RAVINDRA KUMAR
(62) Divisional to Application Number	:NA	3)CHIRAYIL SUDHAKARAN KRISHNA KUMAR
Filing Date	:NA	4)RAYAROTH KUNNUMMAL RUDHEESH

(57) Abstract:

Embodiment of the present disclosure provides a system and method for selectively blocking a communication channel. The system comprising one or more antennas communicatively connected with antenna interface unit for receiving and transmitting radio frequency (RF) signals. A RF front end unit comprising RF receiver to provide a predetermined band limited intermediate frequency (IF) and RF transmitter for up-conversion on the received signal and perform power combination said signal to generate RF output signal. Also, the system comprises a processing unit to receive the IF signals and generate intermediate frequency (IF) range signals in multiple IF bands for transmitting to the RF front-end unit. Further, the system comprises a control unit to control activities of the antennas, the RF front end unit and processing unit. The control unit stores the receive signals, analyse the received signals and operate the system in one of passive and active modes. Figure 3

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SECURE CONNECTION TERMINAL FOR HERMETIC COMPRESSOR

(51) International classification :H01J (31) Priority Document No :13/1785 (32) Priority Date :08/07/20 (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 Filing Date :NA	5)YAO WENHU

(57) Abstract:

A sealed compressor has an electric motor and a compressor pump unit to be driven by the electric motor. Power is supplied to the electric motor by a terminal plug received within a housing, which communicates electricity through an electric I 5 connection and into a shell housing the compressor. A cable is connected to the I I terminal plug at a location at least partially outwardly of the housing. The cable I includes a ground wire and ground connector, which is connected to a ground pin associated with one of the housing and the shell. The cable has a head connected to connections associated with the housing. A shield extends over a ground connection 10 between the cable and the ground pin. A cable and cable head as mentioned above are also disclosed and claimed.

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

(22) Date of filing of Application :09/09/2008

(43) Publication Date: 30/10/2015

(54) Title of the invention: HIGH ELONGATION, HIGH ENERGY AND LOW BURN RATE PROPELLANT 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 	:C06B25/34 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION Address of Applicant: MINISTRY OF DEFENCE, GOVT OF INDIA, ROOM NO.348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110 011 Delhi India (72)Name of Inventor: 1)ABHIJIT DEY 2)SITAKANTA BEHERA 3)DARSHANA MESHRAM 4)BALOO GANGARAM PADALE 5)ARVIND KUMAR 6)MANOJ GUPTA 7)ALAPATI SUBHANANDA RAO
---	---	--

(57) Abstract:

The present invention relates to a high elongation, high energy and low burn rate propeliant composition comprising 1-25 % of nitramine, 59-83 % of ammonium perchlorate, 0.5-1.5 % of metal powder, 0.5-1.0 % of toluene diisocyanate, 13-14 % of binder mixture, 1-1.5% of additives and a process of preparing the same.

No. of Pages: 20 No. of Claims: 17

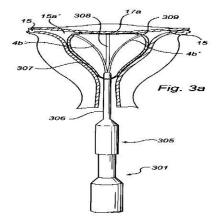
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: STERILISATION DEVICE

(51) International classification	:A61F 6/20	(71)Name of Applicant:
(31) Priority Document No	:09177213.7	1)HANS I WALLSTEN
(32) Priority Date	:26/11/2009	Address of Applicant : CHEMIN DE LA VERRIERE 16, CH-
(33) Name of priority country	:EUROPEAN	1094 PAUDEX, SWITZERLAND; Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/069668	1)WALLSTEN, HANS I.
Filing Date	:14/12/2010	
(87) International Publication No	:WO 2011/064408	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus for sterilisation of a female mammal comprising at least one separation member for separation of a fallopian tube from a uterine cavity of the female mammal, a circulation assembly which is operatively connected to said at least one separation member, and at least one sterilisation lumen which is operatively connected to said circulation assembly and debouching at a distal side of said at least one separation member, said at least one sterilisation lumen being adapted for injection in use of a tissue necrotising fluid capable of necrotising a lining of at least a part of said fallopian tube, wherein said circulation assembly is adapted to circulate said tissue necrotising fluid within said sterilisation lumen and said fallopian tube. The apparatus allows quick, simple, safe and reliable sterilisation.



No. of Pages: 62 No. of Claims: 44

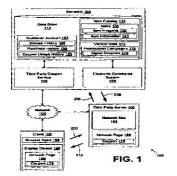
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROVIDING DIGITAL COUPONS FOR THIRD PARTY NETWORKS SITES

		(71)Name of Applicant:
(51) International classification	:G06Q 30/00	1)AMAZON TECHNOLOGIES, INC.
(31) Priority Document No	:12/608,688	Address of Applicant :P.O. BOX 8102, RENO, NV 89507,
(32) Priority Date	:29/10/2009	UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/053703	1)MCCANN, MONICA, THERESA
Filing Date	:22/10/2010	2)ALLOCCA, WILLIAM, W.
(87) International Publication No	:WO 2011/059662	3)CHANG, BRANDON, R. I.
(61) Patent of Addition to Application	:NA	4)NICKERSON, HENRY, ROBERT
Number	:NA :NA	5)GULBRANDSEN, MARK, S.
Filing Date	:INA	6)HERRINGTON, DOUGLAS, J.
(62) Divisional to Application Number	:NA	7)KUMAR, DILIP, S.
Filing Date	:NA	8)SHIMADA, JAMES, J.
-		9)DEMARCO, PAUL. D.

(57) Abstract:

Various embodiments, including systems and methods, are described for providing digital coupons to third party network sites. In one representative embodiment, a computing device is provided, where a plurality of digital coupons are maintained in a memory associated with the computing device. Each digital coupon is directed to the purchase of at least one item through an electronic commerce system. A coupon service is implemented in the computing device that is configured to identify at least one of the digital coupons to present on a third party network site in response to a request for at least one of the digital coupons received from the third party network site based at least in part upon information contained in the request. The identified digital coupons are then sent to the third party network site.



No. of Pages: 37 No. of Claims: 22

(21) Application No.1391/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FLEXIBLE SUPPORT STRUCTURE FOR A GEARED ARCHIFECTURE GAS TURBINE ENGINE

(51) International classification(31) Priority Document No(32) Priority Date	:F04B :61/484453 :08/06/2011	(71)Name of Applicant: 1)UNITED TECHNOLOGIES CORPORATION Address of Applicant :ONE FININCIAL PLAZA,
(33) Name of priority country	:U.S.A.	HORTFORD, CONNECTICUT 06101, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MICHAEL E. MCCUNE
(87) International Publication No	:NA	2)JASON HUSBAND
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

A geared architecture with a flex mount for a Fan Drive Gear System defined by a lateral stiffness relatonship

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM AND METHODS FOR USE IN PROVIDING A SENSOR SIGNAL INDEPENDENT OF GROUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04N :13/117639 :27/05/2011 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)ABAWI, DANIEL ZAHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Isolation circuit (44, 200), turbine data acquisition systems, and related methods are disclosed. One example isolation circuit includes a voltage divider circuit (102, 202) for coupling to an operational sensor, a clamping circuit (104, 204) connected to said voltage divider circuit and a gain circuit (106, 206) connected to said clamping circuit. The voltage divider circuit is configured to divide an amplitude of a signal received from the sensor. The clamping circuit is configured to limit voltage from said voltage divider circuit. The gain circuit includes an output (108). The isolation circuit provides a single-ended output signal to the output of the gain circuit as a function of the sensor signal and independent of ground.

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

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PAPER SHEET HANDLING MACHINE AND PAPER SHEET HANDLING METHOD

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:2011- 127166	1)GLORY LTD. Address of Applicant :3-1, SHIMOTENO 1-CHOME,
(32) Priority Date	:07/06/2011	HIMEJI-SHI, HYOGO-KEN, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HIDEKI YAMAMOTO
Filing Date	:NA	2)ATSUSHI NAGASE
(87) International Publication No	: NA	3)TOSHIHIKO SUZUKI
(61) Patent of Addition to Application Number	:NA	4)KENJI NAHATA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A paper sheet handling machine according to the present invention includes: an imaging unit configured to take an image of a paper sheet and generate a paper sheet image; an identification unit configured to identify a character of each digit position included in a serial number, from a serial number region of the paper sheet image; an output unit configured to output the image of a part corresponding to the serial number region of the paper sheet image, when there is a digit position whose character therein cannot be identified by the identification unit; a display unit configured to display each character identified by the identification unit as well as the image outputted from the output unit; and an input unit configured to accept input of each character corresponding to the digit position whose character therein cannot be identified by the identification unit.

No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AQUEOUS DISPERSIONS

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :61/498,218 :17/06/2011	l '
(33) Name of priority country	:U.S.A.	MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	2)ROHM AND HAAS COMPANY
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PIERRE MARIE ALAIN LENOIR
(61) Patent of Addition to Application Number	:NA	2)PATRICK THOMAS FELDER
Filing Date	:NA	3)ANTON OSKAR METTLER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is provided a method of making an aqueous dispersion wherein said dispersion comprises (A) one or more thickener and (B) solid particles of 1,2-benzisothiazolin-3-one, wherein said method comprises the steps of (a) forming an aqueous mixture (I) comprising water, a dissolved salt of 1,2-benzisothiazolin-3-onea,n d optionally one or more thickener, wherein the pH of said aqueous mixture (I) is 8.5 or higher, and (b) subsequently forming said aqueous dispersion by mixing together, in any order, components, wherein said components comprise an acid, said aqueous mixture (I), and optionally one or more thickener, wherein the pH of said dispersion is 1.5 to 7.5. Also provided is an aqueous dispersion made by that method.

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

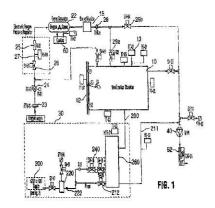
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: STERILIZATION METHOD AND APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61L 2/20 :61/247,197 :30/09/2009 :U.S.A. :PCT/CA2010/001518 :29/09/2010 :WO 2011/038487 :NA :NA :NA	(71)Name of Applicant: 1)TSO3 INC. Address of Applicant:2505, AVENUE DALTON, QUEBEC, QUEBEC, GIP 3S5, CANADA Canada (72)Name of Inventor: 1)ROBITAILLE, SIMON 2)DUFRESNE, SYLVIE 3)VALLIERES, JEAN-MARTIN 4)MARTEL, CYNTHIA 5)LEBLOND, HELENE 6)DASSIE, NANCY 7)GAGNE, MARIE-CHRISTINE 8)MARTEL, KARINE 9)BEDARD, CLAUDIA 10)TREMBLAY, BRUNO
--	--	--

(57) Abstract:

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide and ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide and subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution and from the decomposition of the hydrogen peroxide into water and oxygen. The complete sterilization process is carried out while the chamber remains sealed and without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process and during all sterilant injection cycles. Keeping the chamber sealed and maintaining the hydrogen peroxide and its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency and allows for the use of much lower sterilant amounts and sterilization cycle times than would be expected from using hydrogen peroxide and ozone in combination.



No. of Pages: 53 No. of Claims: 38

(22) Date of filing of Application :05/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : WATERPROOF SHEET AND WATER INJECTION-TYPE ELECTRIC POWER TOOL WITH WATERPROOF SHEET ATTACHED THERETO

(51) International classification	:H05K	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)MAKITA CORPORATION
(31) Thomas Document No	114979	Address of Applicant :3-11-8 Sumiyoshi-cho Anjo-shi Aichi
(32) Priority Date	:23/05/2011	446-8502 Japan. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kenichi TABUSHI
Filing Date	:NA	2)Takahiro KAWAKAMI
(87) 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 waterproof sheet (50) is for use in a water injection sander (1) having a water injection mechanism for water injection to the inside of a protective cover (30) for covering at least a back half of a disk-shaped sanding tool (26). The disk-shaped sanding tool (26) is attached to a spindle (21) protruding downward of a housing (20). A tubular portion (31) provided at an upper end of the protective cover (30) is attached to a lower end portion of the housing (20). A front end of the waterproof sheet (50) has an attachment portion capable of being attached to and removed from the tubular portion (31) of the protective cover (30).

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

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A PREDICTIVE GEAR SENSING SYSTEM FOR A MANUAL TRANSMISSION

:G06F	(71)Name of Applicant:
:1110206.8	1)FORD GLOBAL TECHNOLOGIES, LLC
:16/06/2011	Address of Applicant :SUITE 800 FAIRLANE PLAZA
:U.K.	SOUTH, 330 TOWN CENTER DRIVE, DEARBORN
:NA	MICHIGAN 48126 UNITED STATES OF AMERICA U.S.A.
:NA	(72)Name of Inventor:
: NA	1)PETRIDIS, THEMI PHILEMON
:NA	2)HALLERON, IAN
:NA	3)ROBEKOWSKI, MARTIN
:NA	
:NA	
	:1110206.8 :16/06/2011 :U.K. :NA :NA : NA : NA :NA :NA

(57) Abstract:

A predictive gear sensing system is disclosed in which the axial and rotary position of a gear shift selector member 3A is sensed by axial and rotary sensors formed as a single 2D magnetic selected gear sensor array 7. Signals indicative of the rotary and axial position of the gear shift selector member 3A are provided to an electronic processing unit 5 from the 2D sensor array 7 and the electronic processing unit 5 provides an output of a predicted next to be engaged gear based upon the signals received from the 2D sensor array 7. Fig. 1

No. of Pages: 44 No. of Claims: 19

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A METHOD AND SYSTEM FOR IMPROVING GEAR CHANGE QUALITY

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:1110203.5	1)FORD GLOBAL TECHNOLOGIES, LLC
		/
(32) Priority Date	:16/06/2011	Address of Applicant :SUITE 800 FAIRLANE PLAZA
(33) Name of priority country	:U.K.	SOUTH, 330 TOWN CENTER DRIVE, DEARBORN
(86) International Application No	:NA	MICHIGAN 48126 UNITED STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PETRIDIS, THEMI PHILEMON
(61) Patent of Addition to Application Number	:NA	2)HALLERON, IAN
Filing Date	:NA	3)BRITTLE, PETER GEORGE
(62) Divisional to Application Number	:NA	4)ROBEKOWSKI, MARTIN
Filing Date	:NA	

(57) Abstract:

A method and system for improving shift quality for a manual transmission 3 of a motor vehicle 1 is disclosed in which, during a gear shift, information from a predictive gear sensing system is used to predict the next to be engaged gear before it is actually selected and the speed of an engine 2 driving the transmission 3 is adjusted towards a synchronisation speed for the predicted gear. The quality of the gear shift is improved because more time is available to adjust the engine speed than is the case when the engine speed adjusting is delayed until a gear is actually engaged. Fig. 1

No. of Pages: 57 No. of Claims: 16

(22) Date of filing of Application :23/04/2012

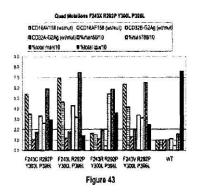
(43) Publication Date: 30/10/2015

(54) Title of the invention: FC REGION-CONTAINING POLYPEPTIDES THAT EXHIBIT IMPROVED EFFECTOR FUNCTION DUE TO ALTERATIONS OF THE EXTENT OF FUCOSYLATION, AND METHODS FOR THEIR USE

(51) International classification	:C12P 21/08	(71)Name of Applicant :
(31) Priority Document No	:61/249,510	1)MACROGENICS, INC.
(32) Priority Date	:07/10/2009	Address of Applicant :1500 EAST GUDE DRIVE,
(33) Name of priority country	:U.S.A.	ROCKVILLE, MD 20850, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/051831	U.S.A.
Filing Date	:07/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/044368	1)JOHNSON, LESLIE, S.
(61) Patent of Addition to Application	:NA	2)RAINEY, GODFREY, JONAH, ANDERSON
Number	:NA	3)LERNER, LAURA
Filing Date	:NA	4)GORLATOV, SERGEY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

(57) Abstract:

The present invention relates to Fc region-containing polypeptides that exhibit improved effector function due to alterations of the extent of fucosylation, and to methods of using such polypeptides for treating or preventing cancer and other diseases. The Fc region-containing polypeptides of the present invention are preferably immunoglobulins (e.g., antibodies), in which the Fc region comprises at least one amino acid substitution relative to the corresponding amino acid sequence of a wild type Fc region, and which is sufficient to attenuate post-translational fucosylation and mediate improved binding to an activating Fc receptor and reduced binding to an inhibitory Fc receptor. The methods of the invention are particularly useful in preventing, treating, or ameliorating one or more symptoms associated with a disease, disorder, or infection where either an enhanced efficacy of effector cell function mediated by FcyR is desired (e.g., cancer, infectious disease) or an inhibited effector cell response mediated by FcyR is desired (e.g., inflammation, autoimmunde disease).



No. of Pages: 354 No. of Claims: 28

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : CLOCK DISTRIBUTION ARCHITECTURE FOR DUAL INTEGRATED CORE ENGINE TRANSCEIVER FOR USE IN RADIO 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 	:U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC. Address of Applicant: P.O. BOX 868, NHQ1-719, NASHUA, NH 03061-0868, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)RADOVCIC, BORIS 2)VOGAS, MICHAEL S.
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method and apparatus of minimizing corruption of a reference clock to a RF circuitry in a radio system is disclosed. A DICE-T receives a reference clock in a Low Voltage Differential Signal (LVDS) format from a GVA. The DICE-T personality card converts the reference clock signal into a clean analog signal. The analog signal is supplied to the Core Engine RF card and the LVDS format signal is supplied to the Core Engine modem for local clocking. TheCore Engine RF feeds the analog signal into a programmable phase locked loop chip to generate all the clocks required for RF processing. The analog signal is also used to provide the clocks to the ADC and DAC of core engine modem. By routing the reference clock directly to the RF card then deriving the modem clocks, the phase noise of the reference clock is reduced.

No. of Pages: 16 No. of Claims: 11

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR BEAM COMBINATION BY SEEDING STIMULATED BRILLOUIN SCATTERING IN OPTICAL FIBER

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:61/496,727	1)BAE SYSTEMS INFORMATION & ELECTRONIC
(32) Priority Date	:14/06/2011	SYSTEMS INTEGRATION INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA,
(86) International Application No	:NA	NH 03061-0868, UNITED STATES OF AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CREEDEN, DANIEL J.
(61) Patent of Addition to Application Number	:NA	2)YOUNG, YORK E.
Filing Date	:NA	3)DINNDORF, KENNETH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for efficiently combining multiple laser beams into a single frequency by invoking stimulated Brillouin scattering (SBS) in a dual core optical fiber is disclosed. The method and apparatus essentially becomes a brightness converter for the input laser beams. An SBS seed is generated in a long length of fiber or by a diode and is launched into the back-end of the SBS combining optical fiber. Various single-frequency pump beams are launched into the front-end of the same fiber. The seed acts to lower a threshold for SBS in the fiber, thus invoking the nonlinearity. Provided the various pump beams are close in frequency and seed/pump modes overlap, each acts to amplify the seed through the nonlinear SBS process, providing an output signal which is brighter than the combined pump beams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RELAY CONTROL CIRCUIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N :13/162,787 :17/06/2011 :U.S.A. :NA :NA	
(87) International Publication No	: NA	2)VADALI, MANOJ KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A relay control circuit (110) is disclosed. In one aspect, the relay control circuit (110) is a hybrid of a double winding relay control scheme and a single winding relay control scheme.

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

(22) Date of filing of Application :23/04/2012

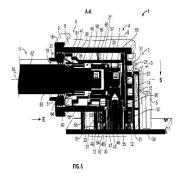
(43) Publication Date: 30/10/2015

(54) Title of the invention: TWO-PART CONTACT ELEMENT FOR HIGH-VOLTAGE PLUG-AND-SOCKET CONNECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H01R 13/42 :10 2009 043 516.6 :30/09/2009 :Germany :PCT/EP2010/064041 :23/09/2010 :WO 2011/039099 :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS AMP GMBP Address of Applicant: AMPERESTRASSE 12-14, D - 64625 BENSHEIM, GERMANY, Germany (72)Name of Inventor: 1)STOKOWSKI, ALEXANDER 2)KOSMALSKI, CHRISTOPH
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a plug element (2) for a sealed high-voltage plug-and-socket connector (1), by means of which, in particular in an automobile, an electrical conductor (11) can be connected in electrically conductive manner to a mating contact element (46) of a mating plug element (3), with a housing body (7) which has a plug section (4) which can be fitted together with the mating plug element (3) in a direction of insertion (S) and a conductor receptacle section (6) remote from the plug section (4) with at least one conductor entry opening (10), and with at least one contact element (33) which has an insertion member (35) which is arranged spaced apart from the at least one conductor entry opening (10) in the plug section (4) and can be fitted together with the mating contact element (46), and a conductor fastening section (36) for connecting the at least one electrical conductor (11). Furthermore, the invention relates to a conductor end piece (26) for fastening an end section (55) of the electrical conductor (11) in the plug-and-socket connector (1) and also a modular system for the plug element (2), and to a method for assembling the plug element (2). In order to make the assembly of the plug element (2) simpler and more reliable, provision is made according to the invention for the conductor fastening section (36) to be designed as a plug contact (37) which is flush with the at least one conductor entry opening (10) in a direction of introduction (E) for the at least one electrical conductor (11) and for a conductor latching element (57, 57) to be arranged in the housing body (7), which element in a projection in the direction of introduction (E) overlaps the at least one conductor entry opening (10) at least in sections.



No. of Pages: 29 No. of Claims: 12

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD FOR EMULATING LOW FREQUENCY SERIAL CLOCK DATA RECOVERY RF CONTROL BUS OPERATION USING HIGH FREQUENCY DATA.

(57) Abstract:

An apparatus and method for emulating low frequency RF control bus operation using high frequency data is disclosed. In transmission path, the low frequency RFCB transmit data bytes are encoded and then up-sampled. The up-sampled data is then sent to hardware serializer for transmission. The resulting RF serial output stream appears to the external receiver to be encoded at low frequency even though the transceiver is operating at high frequency. In reception path, RFCB serial input data is de-serialized and then down-sampled. The down sampled data is then passed through custom byte-alignment logic and finally decoded. The transceivers are operated at high frequency but data is decoded and received as if it were at low rate. The FPGA serial transceiver are operated at a high frequency and sends each data bit a plurality of times to create a low effective data rate.

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SINGLE MODE OPTICAL FIBER

(51) International classification	:G06O	(71)Name of Applicant :
(31) Priority Document No	:11305726.9	
(32) Priority Date	:09/06/2011	Address of Applicant :DE BOELELAAN 7, AMSTERDAM
(33) Name of priority country	:EPO	1083 HJ, NETHERLANDS Netherlands
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BIGOT-ASTRUC, MARIANNE
(87) International Publication No	: NA	2)SILLARD, PIERRE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A single mode optical fiber comprises from center to periphery: - a core having a radius (a) and a refractive index difference (Dn_1) with outer cladding (Dncl) comprised between -0.5.10⁻³ and 0.5.10⁻³; - an inner depressed cladding having a radius (rring1) and a refractive index difference (Dninner)with outer cladding; - a ring having an inner radius (rring1) comprised between 21 pm and 35 pm, an outer radius (rring2) and a refractive index difference (Dnring) with the outer cladding comprised between -0.5.10⁻³ and 0.5.10⁻³; - an outer depressed cladding having a radius (rout) and a refractive index difference (DnOut) with outer cladding. The fiber has a ratio of the volume of the core over the width of the ring (wring) comprised between 0.12 μ m and 0.2 μ m and the outer depressed cladding has a volume comprised between 15 μ m² and 30 μ m². A low cost preform with increased capacity can be obtained.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1798/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: 'DRIVE AXLE SYSTEM AND A METHOD OF CONTROL

(62) Divisional to Application Number :NA	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B60K :13/171,959 :29/06/2011 :U.S.A. :NA :NA :NA	· /
(62) Divisional to Application Number :NA	Filing Date		
Filing Date :NA	* /		

(57) Abstract:

A drive axle system and a method of control. Shifting of a drive axle assembly between different speed ranges may be inhibited when the inclination of the vehicle exceeds a threshold value. An inclinometer may be used to detect inclination of the vehicle.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

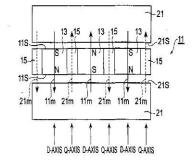
(54) Title of the invention: AXIAL GAP MOTOR

(51) International classification	:H02K 1/27	(71)Name of Applicant:
(31) Priority Document No	:2009-239688	1)NATIONAL UNIVERSITY CORPORATION
(32) Priority Date	:16/10/2009	HOKKAIDO UNIVERSITY
(33) Name of priority country	:Japan	Address of Applicant :KITA 8-NISHI 5-CHOME KITA-KU,
(86) International Application No	:PCT/JP2010/067860	SAPPORO-SHI HOKKAIDO 060-0808, JAPAN Japan
Filing Date	:12/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/046108	1)TAKEMOTO, MASATSUGU
(61) Patent of Addition to Application	:NA	2)OGASAWARA, SATOSHI
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The problem is to provide an axial gap motor using non-rare-earth magnets, as an axial gap motor capable of suppressing reduction in magnet torque and increasing reluctance torque. A solution to the problem is given by an axial gap motor 10, which has a rotor 11, and a pair of stators 21 arranged opposite to the rotor 11 so that the rotor 11 is sandwiched between the stators through a gap G in a direction of rotation axis 1 la of the rotor 11, in which the rotor 11 has a plurality of non-rare-earth magnets 13 arranged as separated from each other along a circumferential direction around the rotation axis 11a, and a plurality of magnetic members 15 arranged through a non-magnetic member 17c or the like between the plurality of non-rare-earth magnets 13, in which the magnetic permeability of the plurality of magnetic members 15 is larger than that of the plurality of non-rare-earth magnets 13, and in which the plurality of non-rare-earth magnets 13 and the plurality of magnetic members 15 define opposite faces 11S of the rotor 11 to the pair of stators 21.

Fig.7



No. of Pages: 41 No. of Claims: 6

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : CONTROL ARRANGEMENT AND CONTROL METHOD FOR SEAWATER DESALINATION SYSTEM

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)HITACHI, LTD.
(31) Friority Document No	094677	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:21/04/2011	CHIYODA-KU, TOKYO 100-8280, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAGEYAMA KOJI
Filing Date	:NA	2)SUMIKURA MISAKI
(87) International Publication No	:NA	3)TACHI TAKAHIRO
(61) Patent of Addition to Application Number	:NA	4)TADOKORO HIDEYUKI
Filing Date	:NA	5)ARATO TOSHIAKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A seawater desalination system is provided that can provide fresh water stably at a low running cost by controlling pretreatment according to a quantity of a fouling component, which is contained in seawater or brackish water, in such a manner that fouling of semipermeable membranes can be minimized. A semipermeable membrane treatment apparatus to desalinate seawater or brackish water, a pretreatment apparatus disposed on a stage preceding the semipermeable membrane treatment apparatus and pretreats the seawater or brackish water to be fed to the semipermeable membrane treatment apparatus, a pretreated water polysaccharides measurement unit measuring the concentration of polysaccharides contained in treated water provided by the pretreatment apparatus, and a control unit calculating an operation rate of the pretreatment apparatus on the basis of a pretreated-water polysaccharide-concentration measured value provided by the pretreated water polysaccharides measurement unit and a predetermined target signal, and outputs a control signal to the pretreatment apparatus are provided.

No. of Pages: 63 No. of Claims: 15

(21) Application No.1257/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :23/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : DISTRIBUTION TRANSFORMER CUM METERING NETWORK SUPERVISER, TO BE USED FOR TRANSFORMERS AND ENERGY METERS

(74)	****	
(51) International classification	:H05K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHASHAKTI ENERGY LIMITED
(32) Priority Date	:NA	Address of Applicant : A-8, A-A TO A-15A, UNIT 2,
(33) Name of priority country	:NA	MAHASHAKTI ENERGY LTD. NEW FOCAL POINT
(86) International Application No	:NA	DABWALI ROAD BATHINDA-151001, PUNJAB Punjab India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)ER KARAN KANSAL
(61) Patent of Addition to Application Number	:NA	2)LALIT MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is provided with an electrical integrated distribution and metering system comprising means of measuring plurality of electrical parameters; and thereby setting of an alarm at any of multiple abnormal conditions; monitoring means to monitor the excess power consumed by the user thereby comparing consumed energy with the supplied; communication means to establish an interface between the consumer and the administrative host, wherein the said communication means is configured by a GPRS system. Fig. 1

No. of Pages: 25 No. of Claims: 4

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: BATTERY SEPARATORS WITH CROSS RIBES 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	:H01M 2/16 :61/253,096 :20/10/2009 :U.S.A. :PCT/US2010/053008 :18/10/2010 :WO 2011/049852 :NA :NA	(71)Name of Applicant: 1)DARAMIC LLC Address of Applicant:13800 SOUTH LAKES DRIVE, CHARLOTTE, NC28273, USA U.S.A. (72)Name of Inventor: 1)ERIC H. MILLER 2)KEVIN J. WHEAR
(61) Patent of Addition to Application	:NA	2)KEVIN J. WHEAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A separator for a lead acid battery is a porous membrane having a positive electrode face and a negative electrode face. A plurality of longitudinally extending ribs, a plurality of protrusions or a nonwoven material may be disposed upon the pos—itive electrode face. A plurality of transversely extending ribs are disposed upon the negative electrode face. The transverse ribs disposed upon the negative electrode face are preferably juxtaposed to a negative electrode of the lead acid battery, when the sepa—rator is placed within that battery.

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

(22) Date of filing of Application :20/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : HELMETS COMPRISING CREAMIC FOR PROTECTION AGAINST HIGH ENERGY FRAGMENTS AND RIFLE BULLETS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F41H 1/04 :12/604,381 :22/10/2009 :U.S.A. :PCT/US2010/052772 :15/10/2010 :WO 2011/049819 :NA :NA	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC. Address of Applicant:101 COLUMBIA ROAD, P.O. BOX 2245, MORRISTOWN, NEW JERSEY 07962 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ASHOK BHATNAGAR 2)LORI WAGNER 3)BRADLEY GRUNDEN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Helmets for military and other applications that require resistance to high energy fragments and rifle bullets are disclosed. The helmets are fabricated with a combination of ceramic, either as a monolith or as a plurality of discreet pieces, and an inner backing material having a plurality of fibrous layers such as polyolefin and/or aramid fiber layers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3552/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: POLYMORPHS OF SORAFENIB ACID ADDITION 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 	:C07D 213/81 :2008/DEL/2009 :24/09/2009 :India :PCT/IB2010/054324 :24/09/2010 :WO 2011/036648 :NA :NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant:12TH FLOOR, TOWER, 6, NEHRU PLACE, NEW DELHI - 110019, INDIA. Delhi India (72)Name of Inventor: 1)JAGDEV SINGH JARYAL 2)SWARGAM SATHYANARAYANA 3)RAJESH KUMAR THAPER 4)MOHAN PRASAD
--	--	--

(57) Abstract:

The present invention provides amorphous and crystalline forms of acid addition salts of sorafenib, pharmaceutical compositions comprising them and their use for the treatment of cancer. The present invention also provides processes for the preparation of acid addition salts of sorafenib.

No. of Pages: 30 No. of Claims: 25

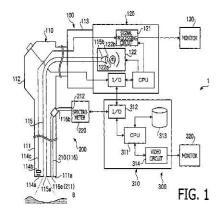
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUXILIARY DIAGNOSTIC APPARATUS AND AUXILIARY DIAGNOSTIC METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B 1/00 :2009-248660 :29/10/2009 :Japan :PCT/JP2010/068663 :22/10/2010 :WO 2011/052491 :NA :NA	(71)Name of Applicant: 1)HOYA CORPORATION Address of Applicant: 2-7-5 NAKA-OCHIAI, SHINJUKU-KU, TOKYO 161-8525, JAPAN Japan (72)Name of Inventor: 1)CHIBA TORU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is an auxiliary diagnostic apparatus including: a vector input means that reads a test vector which is a spectral property vector of a biological tissue targeted for a diagnosis; a multiple linear regression analysis means that executes a multiple liner regression analysis for the test vector with a plurality of individual component vectors which are spectral property vectors of particular substances, and obtains an error vector which is a vector of a residual error component; and an indicator calculation means that extracts a feature of the error vector, and, from the extracted error vector, calculates an indicator representing whether an affected area is included in the biological tissue targeted for the diagnosis and which type of affected area has a possibility of being included in the biological tissue.



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

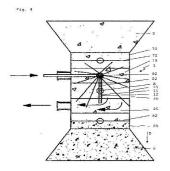
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DOUBLE FLAP DEVICE AND METHOD FOR CLEANING SUCH A DOUBLE FLAP 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 	:22/10/2010 :WO 2011/047872 :NA	(71)Name of Applicant: 1)ANDOCKSYSTEME G. UNTCH GMBH Address of Applicant:BADSTR. 29, 79410 BADENWEILER, GERMANY Germany (72)Name of Inventor: 1)UNTCH GUENTER
· · · · · · · · · · · · · · · · · · ·	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a double flap device (1, 1) for the sealed connection of two receptacles (3; 5), having two housings halves (10; 20) between which a detachable connection can be produced, in each case one flap (12; 22) per housing half (10; 20), wherein the flap is pivotably mounted in the associated housing half (10; 20), the housing halves (10; 20) and the flaps (12; 22) resting on one another and being tensioned against one another when the double flap device (1) is in a connected position. The two flaps (12; 22) can be pivoted as a double flap between a closed position and an open position, it being possible in the open position for a free-flowing product to be transferred from a first (3) into a second (5) of the receptacles (3, 5) in a flow direction (D). The double flap device (1, 1) comprises at least one unit (100) for cleaning at least one of the flaps (12; 22) and a flap chamber (15, 25). The invention further relates to a method for cleaning flaps (12; 22) of such a double flap device.



No. of Pages: 39 No. of Claims: 13

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

$(54) \ Title \ of \ the \ invention: 1,2,4-TRIAZINE \ SUITABLE \ AS \ A \ VULCANIZATION \ ACCELERATOR \ AND \ METHOD \ FOR \ PRODUCING \ SAME$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:0957036 :08/10/2009 :France	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant:12 COURS SABLON, F-63000 CLERMONT-FERRAND, FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)NICOLAS SEEBOTH 2)SERGEY IVANOV 3)SERGEY MOLKOV
--	------------------------------------	--

(57) Abstract:

The invention relates to a 1,2,4-triazine of formula (I): and to its process of manufacture and its use.

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

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RUBBER COMPOSITIONS INCLUDING AN EPOXIDE RESIN

(51) International classification (31) Priority Document No	:C08L 21/00 :0957186	(71)Name of Applicant : 1)COMPAGINE GENERALE DES ETABLISSEMENTS
(32) Priority Date	:14/10/2009	MICHELIN
(33) Name of priority country	:France	Address of Applicant :12 COURS SABLON, F-63000
(86) International Application No	:PCT/EP2010/065339	CLERMONT-FERRAND, FRANCE France
Filing Date	:13/10/2010	2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(87) International Publication No	:WO 2011/045342	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ANNE VEYLAND
Filing Date	:NA	2)VINCENT HUNAULT 3)JOSE CARLOS ARAUJO DA SILVA
(62) Divisional to Application Number	:NA	SJOSE CARLOS ARAUJO DA SILVA
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rubber composition which can be used in particular in tyres, based on at least one diene elastomer, one reinforcing filler, one crosslinking system, between 1 and 20 phr of an epoxide resin and between 1 and 15 phr of an amine-comprising curing agent. The pair formed of epoxide resin with an amine-comprising curing agent advantageously replaces the pair formed of phenol/formaldehyde resin, which is a methylene acceptor, with the curing agent(s) HMT or H3M, which are conventional methylene donors. The use of this pair of reactants, epoxide resin and amine-comprising curing agent, makes it possible to obtain rubber compositions exhibiting a greater low-strain stiffness in comparison with conventional rubber compositions, without significantly damaging the hysteresis. Moreover, the combination of a phenolic resin, which is a methylene acceptor, with HMT or H3M, which is a methylene donor, produces formaldehyde during the vulcanization of the rubber composition. In point of fact, it is desirable to reduce, indeed even in the long run to eliminate, the formaldehyde of rubber compositions due to the environmental impact of this compound.

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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: EXHAUST PROCESSING AND HEAT RECOVERY 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 	:15/09/2010 :WO 2011/037789 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant:BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND Switzerland (72)Name of Inventor: 1)BIRMINGHAM, JAMES, WILLIAM 2)O'BOYLE, KEVIN, JAMES
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A thermally efficiency regenerative air preheater 250 extracts more thermal energy from the flue gas exiting a solid fuel fired furnace 26 by employing an alkaline injection system 276. This mitigates acid fouling by selectively injecting different sized alkaline particles 275 into the air preheater 250. Small particles provide nucleation sites for condensation and neutralization of acid vapors. Large particles are injected to contact and selectively adhere to the heat exchange elements 542 and neutralize liquid acid that condenses there. When the deposit accumulation exceeds a threshold, the apparatus generates and utilizes a higher relative percentage of large particles. Similarly, a larger relative percentage of small particles are used in other cases. Mitigation of the fouling conditions permits the redesign of the air preheater 250 to achieve the transfer of more heat from the flue resulting in a lower flue gas outlet temperature without excessive fouling.

No. of Pages: 32 No. of Claims: 13

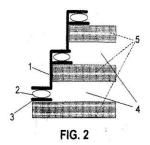
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR MANUFACTURING INSULTING GLAZING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:E06B 3/673 :2009/0707 :18/11/2009 :Belgium :PCT/EP2010/067633	(71)Name of Applicant: 1)AGC GLASS EUROPE Address of Applicant: CHAUSSEE DE LA HULPE, 166, B- 1170 BRUXELLES (WATERMAEL-BOITSFORT), BELGIUM Belgium
 (86) International 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/EP2010/067633 :17/11/2010 :WO 2011/061208 :NA :NA :NA	Belgium (72)Name of Inventor: 1)OLIVIER BOUESNARD 2)FRANCOIS CLOSSET

(57) Abstract:

The present invention relates to a method for manufacturing at least one portion of a seal ensuring gas-tightness between at least one first and one second glass panel in a glazing system, the method including the following steps: depositing a first adhesive layer on a first peripheral area of the first panel and a second adhesive layer on a second peripheral area of the second panel; welding a first metal seal element to the first adhesive layer, welding a second metal seal element or said first metal seal element to the second adhesive layer. According to the invention, the first and second adhesive layers are deposited using a high-speed oxy-fuel flame-spraying method.



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

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR PREPARING A RECYCLABLE POLYAMIDE POWDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08J 3/205 :0957288 :16/10/2009 :France :PCT/FR2010/052203 :18/10/2010 :WO 2011/045550 :NA :NA :NA	(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant: 420, RUE D'ESTIENNE D'ORVES, F- 92700 COLOMBES, FRANCE France (72)Name of Inventor: 1)CYRILLE MATHIEU 2)GREGORY FILOU 3)ARNAUD LEMAITRE
---	--	---

(57) Abstract:

The present invention relates to a method for preparing a recyclable polyamide powder, said method including the following consecutive steps: a) a step of adding 0.01 to 5 wt% of at least one antioxidant in powder form to a mixture including 20 to 95 wt% of polyamide powder and 5 to 80 wt% of liquid, relative to the weight of said mixture, said polyamide powder having a pH in the range from 3 to 8 and a yellowness index of less than 4, measured according to standard ASTM E 313-05, D1925, said liquid being non-solvent for polyamide at a temperature between 5 °C and the boiling temperature Tcb of said liquid; b) a step of homogenising the mixture obtained in step a); c) a step of recovering powder isolated from the liquid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3567/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYNERGISTIC ANTIMICROBIAL COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/10/2010 :WO 2011/049761 :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 DOW CENTER, MIDLAND, MICHIGAN, 48674, U.S.A. U.S.A. (72)Name of Inventor: 1)BEI YIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A synergistic antimicrobial composition having two components. The first component is a hydroxymethyl-substituted phosphorus compound. The second component is one of the following biocides: hexahydro-l,3,5-tris(2-hydroxyethyl)-s-triazine, 2,6-dimethyl-l,3-dioxan-4-yl acetate or ortho-phenylphenol or its alkali metal or ammonium salts.

No. of Pages: 12 No. of Claims: 7

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : AGENT FOR MAINTAINING SURFACE TEMPERATURE OF MOLTEN STEEL AND METHOD FOR MAINTAINING SURFACE TEMPERATURE OF MOLTEN STEEL

(51) International classification (71)Name of Applicant: :B22D 11/108 (31) Priority Document No 1)NIPPON STEEL & SUMITOMO METAL :2009-280206 (32) Priority Date :10/12/2009 CORPORATION, (33) Name of priority country Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, :Japan (86) International Application No :PCT/JP2010/072249 CHIYODA-KU, TOKYO 100-8071, JAPAN, Japan Filing Date (72) Name of Inventor: :10/12/2010 (87) International Publication No :WO 2011/071152 1)TOSHIAKI MIZOGUCHI (61) Patent of Addition to Application 2)DAISUKE MIKI :NA Number 3)NORIHIKO UCHIYAMA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention provides an agent for maintaining the temperature of a surface of a molten steel, said agent being disposed on a surface of the molten steel having a predetermined temperature, and said agent including: at least two of high-melting-point raw materials each having a melting temperature higher than the temperature of the surface of the molten steel; and CaO in the range of 10 to 70% by mass, Al2O3 in the range of 10 to 60% by mass, MgO in the range of 5 to 30% by mass, and SiO2 in the range of 0 to 10% by mass, the sum total of which is not less than 70% by mass, wherein a ratio CaO/Al2O3 of the CaO relative to the Al2O3 falls in the range of 0.5 to 2.0, said agent has a melting temperature lower than the temperature of the surface of the molten steel, and not less than 70% by mass of said agent is formed of powder having a particle diameter in the range of 30 μ m to 100 μ m.

No. of Pages: 21 No. of Claims: 2

(21) Application No.1738/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PRODUCT PREHEATING WITH HEAT 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 Filing Date 	:B67D :102011077375.4 :10/06/2011 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KRONES AG Address of Applicant:BOHMERWALDSTRASSE 5 93073 NEUTRAUBLING GERMANY Germany (72)Name of Inventor: 1)WAGNER, FALKO, JENS 2)MUNZER, JAN KARSTEN
---	--	---

(57) Abstract:

Method for the hot filling of liquids, in particular juices, with a flash pasteuriser, which comprises a first heat exchanger, a filling station for filling the liquids into containers, for example bottles, and a cooling tunnel, which comprises a plurality of cooling cells, for cooling the filled containers by means of a cooling liquid, for example water, whereby the liquids are heated in the flash pasteuriser before filling into containers in the filling station, in that thermal energy from the cooling liquid from the cooling tunnel heated during the cooling process is passed to the flash pasteuriser by means of a separate heat pump.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FLUID DYNAMICS FRAMEWORK FOR ANIMATED SPECIAL EFFECTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C :13/192,405 :27/07/2011 :U.S.A.	Address of Applicant :1000 FLOWER STREET, GLENDALE, CA 91201-3007, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HENDERSON, RONALD D.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An animated special effect is modeled using a fluid dynamics framework system. The fluid dynamics framework for animated special effects system accepts volumetric data as input. Input volumetric data may represent the initial state of an animated special effect. Input volumetric data may also represent sources, sinks, external forces, and/or other influences on the animated special effect. In addition, the system accepts input parameters related to fluid dynamics modeling. The input volumes and parameters are applied to the incompressible Navier-Stokes equations as modifications to the initial state of the animated special effect, as modifications to the forcing term of a pressure equation, or in the computations of other types of forces that influence the solution. The input volumetric data may be composited with other volumetric data using a scalar blending field. The solution of the incompressible Navier-Stokes equations models the motion of the animated special effect.

No. of Pages: 40 No. of Claims: 27

(21) Application No.2313/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HOST MATERIALS FOR PHOSPHORESCENT OLEDS

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:13/193,173	
(32) Priority Date	:28/07/2011	Address of Applicant :375 PHILLIPS BLVD., EWING, NEW
(33) Name of priority country	:U.S.A.	JERSEY 08618, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ZENG, LICHANG
(87) International Publication No	: NA	2)DYATKIN, ALEXEY B.
(61) Patent of Addition to Application Number	:NA	3)KOTTAS, GREGG
Filing Date	:NA	4)XIA, CHUANJUN
(62) Divisional to Application Number	:NA	5)LI, DAVID Z.
Filing Date	:NA	

(57) Abstract:

Novel aryl silicon and aryl germanium host materials are described. These compounds improve OLED device performance when used as hosts in the emissive layer of the OLED.

No. of Pages: 82 No. of Claims: 18

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHODS FOR WELDING THIN-WALLED TUBES BY MEANS OF PEAK TEMPERATURE TEMPER WELDING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B27J :102011052161.5 :26/07/2011 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant:BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND Germany (72)Name of Inventor: 1)HELMRICH ANDREAS 2)KOPP ANDREAS 3)YILDIRIM KEYFO 4)BAUMGARTEN TORSTEN
---	--	--

(57) Abstract:

The invention relates to a method for connecting two components by TIG welding, said components consisting of an air-hardening steel alloy and, in particular, of the material T23 or T24. A joint 17 is produced between the components that are to be connected, said joint widening, in particular, from an inside toward an outside. First, a root layer is welded in the region of the inside. Subsequently, a fill layer adjoining the root layer is welded, so that the joint is at least 90% filled. Finally, a cover layer is welded onto the fill layer, whereby the welding parameters are prespecified in such a manner that a temperature in an optimizing temperature range is adjusted on the inside in the region of the root layer.

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

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

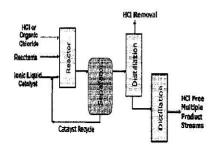
(54) Title of the invention: A PROCESS FOR MAKING PRODUCTS WITH LOW HYDROGEN HALIDE

(51) International classification	:C07C 2/60	(71)Name of Applicant:
(31) Priority Document No	:12/650,816	1)CHEVRON U.S.A. INC.
(32) Priority Date	:31/12/2009	Address of Applicant :6001 BOLLINGER CANYON ROAD,
(33) Name of priority country	:U.S.A.	SAN RAMON, CALIFORNIA 94583, UNITED STATES OF
(86) International Application No	:PCT/US2010/056379	AMERICA U.S.A.
Filing Date	:11/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/081721	1)TIMKEN, HYE-KYUNG
(61) Patent of Addition to Application	:NA	2)PHILLIPS, CHRISTINE
Number	:NA	3)CLEVERDON, ROBERT F.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process for making products with low hydrogen halide, comprising: a) stripping or distilling an effluent from a reactor into a first fraction having an amount of hydrogen halide, and a second fraction having a reduced amount of hydrogen halide; wherein the reactor comprises: an ionic liquid catalyst having a metal halide, and a hydrogen halide or an organic halide; and b) recovering one or more product streams, from the second fraction, having less than 25 wppm hydrogen halide. In one embodiment the ionic liquid catalyst has metal halide; and the recovering recovers propane, n-butane, and alkylate gasoline having less than 25 wppm hydrogen halide. In another embodiment the recovering uses a distillation column having poor corrosion resistance to hydrogen halide; and the distillation column does not exhibit corrosion. There is also provided an alkylate gasoline having less than 5 wppm hydrogen halide, a high RON, and low RVP.

FIGURE 1



No. of Pages: 22 No. of Claims: 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1133/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : DETECTING AND DIAGNOSING MISBEHAVING APPLICATIONS IN VIRTUALIZED COMPUTING SYSTEMS

(51) International classification(31) Priority Document No(32) Priority Date	:G06F :61/476,348 :18/04/2011	,
(33) Name of priority country	:U.S.A.	MEETING ROADS, BLUE BELL, PENNSYLVANIA 19424,
(86) International Application No Filing Date	:NA :NA	UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
(87) International Publication No	:NA	1)RAMYA MALANGI CHIKKALINGALAH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)SHIVARAM VENKAT 3)MICHAEL A. SALSBURG
(62) Divisional to Application Number	:NA :NA	
Filing Date	:INA	

(57) Abstract:

Misbehaving applications may be detected by monitoring system resource utilization in a virtualized computer system. Utilization may be forecasted based on historical utilization data for the system resources when the application is known to be behaving normally. When the monitored utilization of system resources deviates from the forecasted utilization, an alert may be generated. When the alert is generated, system resources allocated to the application may be increased or decreased to prevent abnormal behavior in the virtualized computer system executing to misbehaving application.

No. of Pages: 34 No. of Claims: 20

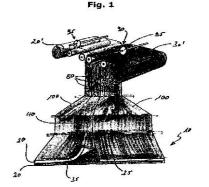
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FILM MATERIAL FOR PRODUCING A PACKAGING

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (30) International Publication No (31) Priority Document No (32) Priority Date (33) Name of priority country (35) International Application No (57) International Publication No (58) International Publication No (59) International Publication No (61) Patent of Addition to Application Number (50) International Publication No (50) International Publication No (51) International Publication No (52) International Publication No (53) International Publication No (54) International Publication No (56) International Publication No (57) International Publication No (58) International Publication No (59) International Publication No (61) Patent of Addition to Application No (50) International Publication No (61) International Publication No (50) International Publication No (61) Patent of Addition to Application No (62) International Publication No (63) International Publication No (64) International Publication No (65) International Publication No (66) International Publication No (67) International Publication No (68) International Publication No (69) International Publication No (61) International Publication No (62) International Publication No (63) International Publication No (64) International Publication No (65) International Publication No (66) International Publication No (67) International Pu	71)Name of Applicant: 1)HUHTAMAKI RONSBERG, ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH & CO. KG Address of Applicant:HEINRICH-NICOLAUS-STRAE 6, D- 37671 RONSBERG/ALLGAU, GERMANY Germany 72)Name of Inventor: 1)DAELMANS, EDDY 2)MARZ, MANFRED 3)SURDZIEL, AGATA 4)KLAUS. THOMAS 5)SCHRAEGLE, MATTHIAS
--	--

(57) Abstract:

Film material (10), especially a film blank, for producing a packaging, wherein the film material (10) is a laminate consisting of a first (20) and a second (30) ply, the first ply (20) of the laminate having at least one first incision (25) extending through the entire thickness of the first ply (20), and the second ply (30) of the laminate having at least one second incision (35) extending through the entire thickness of the second ply (30), and the at least one first incision (25) in the first ply (20) being arranged spaced apart from the at least one second incision (35) in the second ply (30) in respect of the planar extent of the film material (10), thereby defining an inter-incision region (40). The invention relates also to a method of producing such a film material, to a container produced from such a film material, and to the use of such a film material in the production of a container.



No. of Pages: 21 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1767/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HOT BLAST MAIN

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F16D :1110118.5 :16/06/2011 :U.K. :NA	(71)Name of Applicant: 1)SIEMENS PLC. Address of Applicant:FARADAY HOUSE, SIR WILLIAM SIEMENS SQUARE, FRIMLEY, CAMBERLEY, SURREY, GU16 8QD, UNITED KINGDOM. U.K.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ALEX MICHAEL SMITH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A hot blast main (2) adapted to connect a hot blast stove (3) to a blast furnace (1) comprises a passive auxiliary heat unit (1 0). The passive auxiliary heat unit 1 I 5 comprises bricks of the same design as used in the stove itself.

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

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : CHROMATOGRAPHY MATRICES INCLUDING NOVEL STAPHYLOCOCCUS AUREUS PROTEIN A BASED LIGANDS

(51) Intermediated allowification	.C07.C	(71) Name of Applicant.
(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:61/494,701	1 /
(32) Priority Date	:08/06/2011	Address of Applicant :290 CONCORD ROAD, BILLERICA,
(33) Name of priority country	:U.S.A.	MASSACHUSETTS 01821, UNITED STATES OF AMERICA
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHARI SPECTOR
(61) Patent of Addition to Application Number	:NA	2)ROBERT SMITH
Filing Date	:NA	3)JOE ORLANDO
(62) Divisional to Application Number	:NA	4)NANYING BIAN
Filing Date	:NA	

(57) Abstract:

The present invention relates to chromatography matrices including ligands based on one or more domains of immunoglobulin-binding proteins such as, Staphylococcus aurew Protein A (SPA), as well as methods of using the same.

No. of Pages: 85 No. of Claims: 20

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FLAT COMPOSITE COMPONENT, IN PARTICULAR A VEHICLE BODY PART

(51) International classification	:B32B 3/12	(71)Name of Applicant:
(31) Priority Document No	:10 2009 052 038.4	1)WEBASTO AG
(32) Priority Date	:05/11/2009	Address of Applicant :KRAILLINGER STR. 5, 82131
(33) Name of priority country	:Germany	STOCKDORF GERMANY (DE) Germany
(86) International Application No	:PCT/EP2010/065907	(72)Name of Inventor:
Filing Date	:21/10/2010	1)LEGLER, DIRK
(87) International Publication No	:WO 2011/054681	2)WAGNER, ADAM
(61) Patent of Addition to Application	:NA	3)KIESEWETTER, FRANK
Number	:NA	4)KOLBL, MICHAEL
Filing Date	.IVA	5)PETER, THOMAS
(62) Divisional to Application Number	:NA	6)WOKOCK, JAN
Filing Date	:NA	

(57) Abstract:

The invention relates to a flat composite component, in particular a vehicle body part, comprising a material composite having an outer layer (26), a barrier layer (24) adjoining the outer layer and a carrier structure (16) on which the barrier layer is arranged and which comprises a core (18) which has a first cover layer (20) on the side facing the barrier layer (24) and a second cover layer (22) on the side facing away from the barrier layer (24). According to the invention, the barrier layer (24) and the carrier structure (16) have thermal expansion coefficients which are selected such that a deformation of the material composite in the case of a temperature change at least largely stops in a range between -50°C and +80°C.

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

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: POLYAMIDEIMIDE ADHESIVES FOR PRINTED CIRCUIT BOARDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G 18/80 :61/255,895 :29/10/2009 :U.S.A. :PCT/EP2010/066411 :28/10/2010 :WO 2011/051412 :NA :NA	(71)Name of Applicant: 1)SUN CHEMICAL B.V. Address of Applicant: LEEUWENVELDSEWEG 3-T, NL- 1382 LV WEESP, NETHERLANDS Netherlands (72)Name of Inventor: 1)DAVIS, RICHARD, CHARLES 2)FORD, SIMON, RICHARD 3)HALL, STEPHEN, ANTHONY 4)KLAUS, MATTHIAS 5)OGNIBENI, KARL-HEINZ
---	--	---

(57) Abstract:

The present invention relates to curable, liquid, adhesive compositions comprising polyamideimide resins for use in bonding layers of material in metal clad laminate materials for electronic components, such as flexible circuit boards. In particular, the invention relates to liquid adhesive compositions comprising polyamideimides having a terminal isocyanate group blocked by a thermally-dissociatable isocyanate-blocking group and the use of such compositions in preparation of flexible electronic components.

No. of Pages: 54 No. of Claims: 34

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: REDISPERSIBLE EPOXY POWDER BY INTERFACIAL REACTION

(51) Y	COOF	
(51) International classification	:C08F	(71)Name of Applicant:
(31) Priority Document No	:61/500,260	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:23/06/2011	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:U.S.A.	MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LIANG CHEN
(87) International Publication No	: NA	2)LIANG HONG
(61) Patent of Addition to Application Number	:NA	3)MANEH NADUPPARAMBIL SEKHARAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A water redispersible polymer powder is produced by drying an aqueous mixture of a thermosettable epoxy resin having a glass transition temperature (T,) of less than 50°C, a colloidal stabilizer capable of dispersing the epoxy resin at a temperature above the Tg of the epoxy resin, preferably a polyvinyl alcohol, in an amount of the colloidal stabilizer of at least 2% by weight, and an interfacial crosslinking agent, such as a water soluble amino acid or a water soluble polyfunctional acid, such as polyacrylic acid, in an amount of at least 0.1% by weight, each based upon the weight of the thermosettable epoxy resin. The RDP I may optionally include a hardener or curing agent, and may be hardened, cured, or crosslinked by cement ingredients when admixed with water. The water redispersible polymer powder exhibits unexpectedly superior redispersibility and good stability in cementitious formulations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1822/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DRAFT DEVICE AND SPINING MACHINE

(51) International classification(31) Priority Document No(32) Priority Date	:2011- 205278	(71)Name of Applicant: 1)MURATA MACHINERY, LTD. Address of Applicant: 3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country (86) International Application No	:Japan :NA	JAPAN. Japan (72)Name of Inventor:
Filing Date	:NA	1)SAKAMOTO NAOTAKA
(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:

A draft device (7) includes four pairs ofkhraft roller pairs, each of the draft roller pairs including a top roller and a bottom roller, the draft device being adapted to draft a fiber bundle (8) by the draft roller pairs by driving the bottom rollers. The draft device (7) includes a cleaning belt (37) and an intermittent feeding device (101). The cleaning belt (37) has a cleaning surface adapted to make contact with a back bottom roller (66) and a third bottom roller (67) to clean such bottom rollers. The intermittent feeding device (101) is adapted to intermittently feed the cleaning belt (37) by receiving power from a back bottom roller driving motor (91) adapted to drive one of the four bottom rollers (the back bottom roller (66)). [Most Illustrative Drawing] FIG. 4

No. of Pages: 34 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1823/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A DISPLAY DEVICE WITH MOBILE COMMUNICATION

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:100213610	1)HERAN CO., LTD.
(32) Priority Date	:22/07/2011	Address of Applicant :3F, NO. 88, KEJI 3RD ROAD,
(33) Name of priority country	:Taiwan	GUISHAN TOWNSHIP, TAOYUAN COUNTY 33383,
(86) International Application No	:NA	TAIWAN, REPUBLIC OF CHINA. China
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)TSAI CHIN-TU
(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 display device with mobile communication, and more particularly to a display device configured with a processing unit which is led to the subscriber identity module (SIM) card 5 module, enables the display device equipped with functions of mobile communication and networking for environmental safety.

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

(22) Date of filing of Application :20/08/2008 (43) Publication Date : 30/10/2015

(54) Title of the invention : A LOW VISCOSITY, NON-AQUEOUS LIQUID COOLANT AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:C23F11/18	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT
(33) Name of priority country	:NA	Address of Applicant :DRDO BHAWAN, RAJAJI MARG,
(86) International Application No	:NA	NEW DELHI-110 011,INDIA Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)SINGH NIRBHAY
(61) Patent of Addition to Application Number	:NA	2)KUMAR, N.V.RAMESH
Filing Date	:NA	3)SHARMA, MOHIT
(62) Divisional to Application Number	:NA	4)KAR, KRISHNA
Filing Date	:NA	

(57) Abstract:

The present invention relates to a low viscosity, non-aqueous liquid coolant. This coolant is ready to use and shows a complete absorption of Ultra Violet rays. The coolant is completely transparent to visible as well as Infra Rted radiations. The invention also provides a process for the preparation of low viscosity, nonaqueous liquid coolant. The coolant of the present invention is useful for all types of laser systems and is of non-aqueous nature.

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

(22) Date of filing of Application :24/04/2012

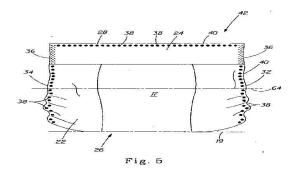
(43) Publication Date: 30/10/2015

(54) Title of the invention: ABSORBENT ARTICLES 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 	:23/11/2010 :WO 2011/066255 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, U.S.A. U.S.A. (72)Name of Inventor: 1)LAVON GARY DEAN 2)HENRICH THOMAS
9	:NA :NA	

(57) Abstract:

An absorbent product comprises a seal along one or more edges. The seal may be formed using a cohesive or selective adhesive. The seal prevents contamination of the wearer-facing surface of an individual absorbent product without requiring an overwrap or other individual unit packaging. The absorbent product may also comprise one or more removable trim regions for sealing and shaping the absorbent product.



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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: MODIFIED OIL ENCAPSULATING PROTEINS AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C12P :61/256,689 :30/10/2009 :U.S.A. :PCT/NZ2010/000218 :29/10/2010 : NA :NA	(71)Name of Applicant: 1)AGRESEARCH LIMITED Address of Applicant:5TH Floor Tower Block Ruakura Research Centre East Street East Street Hamilton New Zealand New Zealand (72)Name of Inventor: 1)Nicholas John ROBERTS 2)Richard William SCOTT 3)Somrutai WINICHAYAKUI 4)Marissa ROLDAN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention provided modified oleosins including at least one artificially introduce cysteine. The invention provided methods and compositions for producing the modified oleosins. The invention provides polynucleotides encoding the modified oleosins and constructs and host cells comprising the polynucleotides. The invention also provides methods for producing oil bodies comprising the modified oleosins in vivo and in vitro. The invention also provides methods for producing oil in host cells and plants. The invention also provides animal feed and biofuel sources comprising the oil bodies host cells or plants of the invention.

No. of Pages: 238 No. of Claims: 84

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A CYTOLYTIC RTX-TOXIN FROM GALLIBACTERIUM ANATIS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K :61/250,163 :09/10/2009 :U.S.A. :PCT/DK2010/050257 :07/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)K_benhavns Universitet Address of Applicant:N_rregade 10 Postboks 2177 1017 K_benhavn K. Denmark. Denmark (72)Name of Inventor: 1)Anders Miki Bojesen 2)Bodil Marie Kristensen
--	--	---

(57) Abstract:

The present invention relates to the field of animal health and in particular the causative agent of a new bacterial poultry disease caused by Gallibacterium spp, including Gallibacterium anatis, Gallibacterium genomospecies 1 and Gallibacterium genomospecies 2. The invention provides a novel RTX toxin from said Gallibacterium species, the novel toxin being named GtxA (Gallibacterium toxin). In addition the invention provides the amino acid and nucleotide sequences of GtxA, a vaccine comprising inactivated toxoid or fragments of the toxoid as well as methods of immunizing birds to prevent said disease and to methods of diagnosing a Gallibacterium anatis infection in birds.

No. of Pages: 106 No. of Claims: 96

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3493/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: POLYTETRAFLUOROETHYLENE AQUEOUS EMULSION AND PROCESS FOR ITS PRODUCTION POLYTETRAFLUOROETHYLENE AQUEOUS DISPERSION OBTAINABLE BY USING SUCH AN AQUEOUS EMULSION POLYTETRAFLUOROETHYLENE FINE POWDER AND STRETCHED POROUS MATERIAL

Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:08/11/2010 : NA :NA :NA	(71)Name of Applicant: 1)ASAHI GLASS COMPANY LIMITED Address of Applicant: 5-1 Marunouchi 1-chome Chiyoda-ku Tokyo 100-8405 Japan. Japan (72)Name of Inventor: 1)Shinya Higuchi 2)Yasuhiko Matsuoka 3)Shigeki Kobayashi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To produce a PTFE aqueous emulsion whereby the environmental load is little the stability of the aqueous emulsion is high and a molded product having high heat resistance can be obtained. A process for producing a PTFE aqueous emulsion which comprises emulsion-polymerizing tetrafluoroethylene (TFE) by means of at least one fluorinated emulsifier selected from the group consisting of a C4-8 fluorinated carboxylic acid having from 1 to 4 etheric oxygen atoms in its main chain and its salts to obtain an aqueous emulsion containing polytetrafluoroethylene (PTFE) microparticles having an average primary particle size of from 0.1 to 0.3 μm wherein at the beginning of the emulsion polymerization of TFE a (polyfluoroalkyl)ethylene (a) represented by CH2=CH-Rf1 •

No. of Pages: 25 No. of Claims: 9

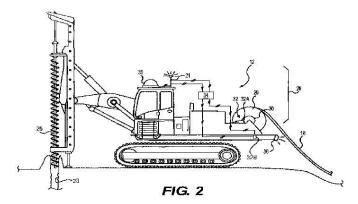
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TETHER TRACKING SYSTEM AND METHOD FOR MOBILE 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 	:E02F 9/20 :12/603,293 :21/10/2009 :U.S.A. :PCT/US2010/051722 :07/10/2010 :WO 2011/049747 :NA :NA	(71)Name of Applicant: 1)CATERPILLAR INC. Address of Applicant:100 N.E. ADAMS STREET, PEORIA, ILLINOIS 61629-9510, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)YUET. FU P. 2)CLAR, JEAN-JACQUES 3)POLITICK, MARTIN
. ,		, , , , , , , , , , , , , , , , , , , ,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A tether tracking system (28) for a mobile machine (12) is disclosed. The tether tracking system may have a spool (26) located on the mobile machine to selectively dispense and reel in a tether (16) extending from the mobile machine to a stationary source (14) as the mobile machine travels about a worksite. The tether tracking system may also have at least one sensor (32) associated with the spool to generate a first signal indicative of a spool parameter, a locating system (33) associated with the mobile machine to generate a second signal indicative of a location of the mobile machine, and a controller (34) in communication with the at least one sensor and the locating system. The controller may be configured to determine a tether avoidance zone (24) based on the first and second signals.



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

(21) Application No.1757/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROJECTOR AND IMAGE CAPTURING APPARATUS

(51) Intermediated also if and in	.000	(71) Name of Applicant.
(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:2011-	1)NIKON CORPORATION
(31) Thomy Document 140	130065	Address of Applicant :12-1, YURAKUCHI 1-CHOME,
(32) Priority Date	:10/06/2011	CHIYODA- KU, TOKYO 100-8331, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SUGA, AKINOBU
Filing Date	:NA	
(87) 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 projector includes: a laser light source that emits laser light; a condensing optical system that collimates the laser light; a holographic recording medium that, when laser light for reproduction is incident thereupon, emits a reproduced holographic optical image on the basis of a holographic image; a light modulation element that modulates the reproduced holographic optical image and emits the result to a projection optical system as an optical image for projection; a projection optical system that projects the optical image for projection; and a focal depth adjustment unit that adjusts a focus depth of the ray bundle projected by the projection optical system.

No. of Pages: 65 No. of Claims: 24

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HIGH EFFICIENCY CAPSULES COMPRISING BENEFIT AGENT

(51) International classification	:C11D 17/00	(71)Name of Applicant:
(31) Priority Document No	:61/258,874	1)THE PROCTER & GAMBLE COMPANY
(32) Priority Date	:06/11/2009	Address of Applicant :ONE PROCTER & GAMBLE PLAZA,
(33) Name of priority country	:U.S.A.	CINCINNATI, OH 45202, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/055393	U.S.A.
Filing Date	:04/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/056934	1)SEMTS, JOHAN
(61) Patent of Addition to Application	:NA	2)VANSTEENWINCKEL, PASCALE, CLAIRE ANNICK
Number		3)GIZAW, YONAS
Filing Date	:NA	4)HULSKOTTER, FRANK
(62) Divisional to Application Number	:NA	5)BOECKH, DIETER
Filing Date	:NA	6)HAEHNLE, HANS-JOACHIM

(57) Abstract:

The present application relates to high efficiency particles and compositions, such as consumer products, comprising such high efficiency particles as well as processes for making and using such high efficiency particles and compositions comprising such high efficiency particles. Such high efficiency particles and compositions provide enhanced benefit agent delivery to a situs that is treated with such high efficiency particles and compositions. An encapsulate comprising a core and a wall, said wall having an outer surface and a coating and encapsulating the core, said coating comprising defined amino polymers.

No. of Pages: 59 No. of Claims: 14

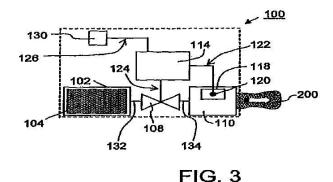
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HYDROSOL BASED FLAVOR DELIVERY DEVICE

	RIS PRODUCTS S.A. blicant :QUAI JEANRENAUD 3, CH-2000 I) Switzerland ntor : ROOZ I-JUN N
--	--

(57) Abstract:

A handheld hydrosol delivery device 100 includes a canister 102 which is at least partially filled with a liquid formulation of one or more liquids and optional particles and one or more propellants where at least one of the liquids, propellants, particles and combinations thereof is a flavor; a pressure valve 108 which expels at least a portion of the liquid formulation and at least a portion of the propellant from the canister while dispersing the propellant into the liquid formulation forming a consumable flavored hydrosol 200 comprising one or more gases dispersed within the liquid formulation, through a nozzle delivering the hydrosol to a user. The delivery device can deliver a consumable breath freshening foam having a matrix of liquid formulation comprising a liquid flavor and flavor particles, the matrix surrounding gas bubbles comprising C02 gas such that the foam provides an effervescent full mouth sensation.



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

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

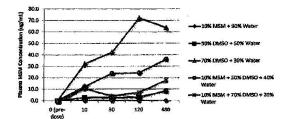
(54) Title of the invention : DIMETHYL SULFOXIDE (DMSO) AND METHYLSULFONYLMETHANE (MSM) FORMULATIONS TO TREAT OSTEOARTHRITIS

 (51) International classification (31) Priority Document No (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 2011/053874	(71)Name of Applicant: 1)ABELA PHARMACEUTICALS, INC. Address of Applicant:21581 MIDCREST DRIVE, LAKE FOREST, CA 92630, U.S.A. U.S.A. (72)Name of Inventor: 1)COZEAN, COLETTE 2)COZEAN, JESSE 3)BENJAMIN, RODNEY
(86) International Application No Filing Date	:29/10/2010	(72)Name of Inventor: 1)COZEAN, COLETTE
	:WO 2011/053874 :NA	1 '
Filing Date (62) Divisional to Application Number	:NA :NA	THEELERY TOTAL
Filing Date	:NA	

(57) Abstract:

Embodiments of the invention relate generally to the use of formulations comprising DMSO and MSM to treat arthritis (such as osteoarthritis), pain, inflammation, and/or degeneration. DMSO and MSM formulations are administered orally and/or topically in several embodiments and provide effective treatment of both chronic and acute symptoms of arthritis (e.g., osteoarthritis), pain, inflammation, and/or degeneration. Solid forms of DMSO are provided in several embodiments.





No. of Pages: 50 No. of Claims: 58

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : A SMOKING SYSTEM HAVING A LIQUID STORAGE PORTION AND IMPROVED AIRFLOW CHARACTERISTICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A24F 47/00 :09252490.9 :27/10/2009 :EPO :PCT/EP2010/006534 :26/10/2010 :WO 2011/050943 :NA :NA :NA	(71)Name of Applicant: 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant: QUAI JEANRENAUD 3, CH-2000 NEUCHATEL (CH) Switzerland (72)Name of Inventor: 1)THORENS, MICHEL 2)FLICK, JEAN-MARC 3)NA 4)COCHAND, OLIVIER YVES 5)DUBIEF, FLAVIEN
--	--	---

(57) Abstract:

There is provided a smoking system comprising a capillary wick for holding liquid, at least one air inlet, at least one air outlet and a chamber between the air inlet and air outlet. The air inlet, the air outlet and the chamber are arranged so as to define an air flow route from the air inlet to the air outlet via the capillary wick so as to convey aerosol formed from the liquid to the air outlet. The smoking system further includes at least one guide for channeling the air flow in the air flow route, so as to control particle size in the aerosol. The smoking system may further comprise at least one heater for heating the liquid in at least a portion of the capillary wick to form the aerosol.

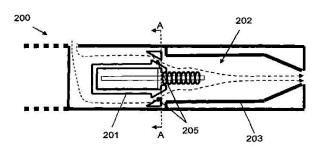


Fig. 2a

No. of Pages: 54 No. of Claims: 15

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD OF ACQUIRING PROTEINS WITH HIGH AFFINITY BY COMPUTER AIDED DESIGN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 17/50 :NA :NA :NA :PCT/CN2009/001079 :25/09/2009 :WO 2011/035456 :NA :NA :NA	(71)Name of Applicant: 1)SHANGHAI NATIONAL ENGINEERING RESEARCH CENTER OF RESEARCH CENTER OF ANTIBODY MEDICINE CO., LTD. Address of Applicant: BUILDING 3, NO. 399 LIBING ROAD, ZHANGJANG HI-TECH PARK SHANGHAI 201203, CHINA China (72)Name of Inventor: 1)YAJUN GUA 2)BOHUA LI 3)HAO WANG 4)SHENG HOU 5)LEI ZHAO
--	---	---

(57) Abstract:

The present invention provides a method of acquiring proteins with high affinity by computer-aided design, which comprises the steps of: 1) based on a known cocrystal structure of a complex of a protein and a target molecule, determining candidate mutation sites of the protein; 2) simulating amino acid mutations in candidate sites of the protein in turn by computer so as to acquire optimized structures; 3) searching out conformations of the optimized structures acquired in step 2) by computer; 4) analyzing the total energies and root mean square deviations of the conformations acquired in step 3), and then selecting conformations with minimized energy and less root mean square deviations to analyze binding energies binding to the target molecule and to acquire simulative structures; and 5) based on the simulative structures acquired in step 4), predicting and validating mutated proteins with high affinity.

No. of Pages: 73 No. of Claims: 5

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR IMPLEMENTING SPACE FREQUENCY BLOCK CODING

(51) International classification:H04K 1/10(31) Priority Document No:60/601,338(32) Priority Date:12/08/2004(33) Name of priority country:U.S.A.

(86) International Application No :PCT/US2005/028487 Filing Date :11/08/2005

(87) International Publication No :WO 2006/020741

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

Filing Date

62) Divisional to Application Number :1108/DELNP/2007

(62) Divisional to Application Number Filed on

(71)Name of Applicant:

1)INTERDIGITAL TECHNOLOGY CORPORATION

Address of Applicant :3411 SILVERSIDE ROAD,

CONCORD PLAZA, SUITE 105, HAGLEY BUILDING,

WILMINGTON DE 19810, U.S.A. U.S.A.

(72)Name of Inventor:

1)KWAK, JAEYOUNG 2)OLESEN, ROBERT, LIND

3)BULTAN, AYKUT 4)ZEIRA, ELDAD 5)KOO, CHANG-SOO

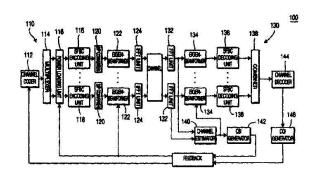
6)OZLUTURK, FATIH 7)HUANG, YUEJIN

8)PASAD, KALPENDU, R.

(57) Abstract:

The present invention is related to a method and apparatus for implementing space frequency block coding (SFBC) in an orthogonal frequency division multiplexing (OFDM) wireless communication system. The present invention is applicable to both a closed loop mode and an open loop mode. In the closed loop mode, power loading and eigen-beamforming are performed based on channel state information (CSI). A channel coded data stream is multiplexed into two or more data streams. Power loading is performed based on the CSI on each of the multiplexed data streams. SFBC encoding is performed on the data streams for each of the paired subcarriers. Then, eigen-beamforming is performed based on the CSI to distribute eigenbeams to multiple transmit antennas. The power loading may be performed on two or more SFBC encoding blocks or on each eigenmodes. Additionally, the power loading may be performed across subcarriers or subcarrier groups for weak eigenmodes.

:09/02/2007



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

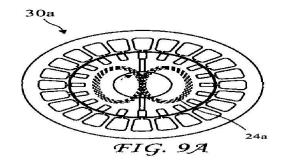
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RECONFIGURABLE INDUCTIVE TO SYNCHRONOUS MOTOR

(51) International classification	:H02K 17/16	(71)Name of Applicant:
(31) Priority Document No	:12/610,184	1)FINKLE, LOUIS
(32) Priority Date	:30/10/2009	Address of Applicant :5012 VERDURA AVENUE,
(33) Name of priority country	:U.S.A.	LAKEWOOD, CALIFORNIA 90712, UNITED STATES OF
(86) International Application No	:PCT/US2010/052980	AMERICA U.S.A.
Filing Date	:16/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/053473	1)FINKLE, LOUIS
(61) Patent of Addition to Application	:NA	2)FURIA, ANDREA
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A reconfigurable electric motor 10 includes a rotor 12 containing rotatable permanent magnets 16, 72 or non-magnetically conducting shunting pieces 70. The magnets 16, 72 and / or shunting pieces 70 have a first position producing a weak magnetic field 24a for asynchronous induction motor operation at startup and a second position producing a strong magnetic field 24b for efficient synchronous operation. The motor 10 includes a squirrel cage 32 for induction motor operation at startup with the permanent magnets 16, 72 and / or shunting pieces 70 positioned to product the weak magnetic field 24a to not interfere with the startup. When the motor 10 approaches or reaches synchronous RPM, the permanent magnets 16, 72 and / or shunting pieces 70 rotate to produce a strong magnetic field 24b for high efficiency synchronous operation. The position of the magnets 16, 72 and / or shunting pieces 70 may be controlled by a centrifugal mechanism 40, or viscous damping 76 may delay rotation of the magnets 16, 72 and / or shunting pieces 70, or electrically controlled apparatus 80 may control positions of the magnets 16, 72 and / or shunting piece 70.



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

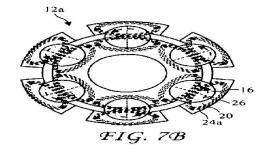
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : ELECTRIC MOTOR AND/OR GENERATOR WITH MECHANICALLY TUNEABLE PERMANENT MAGNETIC FIELD

(51) International classification	:H02K 21/12	(71)Name of Applicant :
(31) Priority Document No	:12/610,271	1)FINKLE, LOUIS
(32) Priority Date	:30/10/2009	Address of Applicant :5012 VERDURA AVENUE,
(33) Name of priority country	:U.S.A.	LAKEWOOD, CALIFORNIA 90712, UNITED STATES OF
(86) International Application No	:PCT/US2010/052978	AMERICA U.S.A.
Filing Date	:16/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/053472	1)FINKLE, LOUIS
(61) Patent of Addition to Application	:NA	2)FURIA, ANDREA
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Apparatus and method for tuning the magnetic field (24) of brushless motors and alternators (10) to obtain efficient operation over a broad RPM range. The motor or alternator (10) includes fixed windings (or stator) (14) around a rotating rotor (12) carrying permanent magnets (16). The permanent magnets (16) are generally cylindrical and have North and South poles formed longitudinally in the magnets (16). Magnetically conducting circuits are formed by the magnets (16) residing in magnetic conducting pole pieces (20) (for example, low carbon or soft steel, and/or laminated insulated layers, of non-magnetizable material). Rotating the permanent magnets (16), or rotating non-magnetically conducting shunting pieces (80), inside the pole pieces (20), either strengthens or weakens the resulting magnetic field (24) to adjust the motor or alternator (10) for low RPM torque or for efficient high RPM efficiency. Varying the rotor magnetic field (24) adjusts the voltage output of the alternators (10) allowing, for example, a windmill generator, to maintain a fixed voltage output.



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

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: REDISPERSIBLE EPOXY POWDER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08F :61/500,276 :23/06/2011 :U.S.A.	l '
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	(72)Name of Inventor: 1)LIANG HONG 2)MANEH NADUPPARAMBIL SEKHARAN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	3)MICHAEL JOHN RADLER
Filing Date	:NA	

(57) Abstract:

A water redispersible polymer powder is produced by drying an aqueous mixture of a thermosettable epoxy resin having a glass transition temperature (Tg) of at least 50°C, and a colloidal stabilizer capable of dispersing the epoxy resin at a temperature above the Tg of the epoxy resin, preferably a polyvinyl alcohol, in an amount of the colloidal stabilizer of at least 2% by,weight, based upon the weight of the thermosettable epoxy resin. The RDP may optionally include a hardener or curing agent, and may be hardened, cured, or crosslinked by cement inredients when admixed with water. The water redispersible polymer powder exhibits unexpectedly superior redispersibility and good stability in cementitious formulations.

No. of Pages: 32 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1820/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : A NOVEL 'TAPPING RATCHET DEVICE' FOR MULTIPLE APPLICATIONS AND METHOD OF WORKING FOR SAME

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S HINDUSTAN EVERSEST TOOLS LTD.
(32) Priority Date	:NA	Address of Applicant :HINDUSTAN EVERSEST HOOLS
(33) Name of priority country	:NA	LTD, DOHIL CHAMBERS, 46 NEHRU PLACE, NEW DELHI-
(86) International Application No	:NA	110019 (INDIA) Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AMITAV
(61) Patent of Addition to Application Number	:NA	2)SHRAVAN KUMAR MANDELIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates generally to the field of ratchet assemblies and wrenching tools and is in particular directed towards a novel tapping ratchet device equipped for multiple applications and method of working for same. The invention focuses on providing a tapping ratchet device that is in the form of a ratchet assembly that consists of a ratchet and is equipped with the ability to be linked to a plurality of adapters of different sizes.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR PREPARING A MASTERBATCH OF SYNTHETIC DIENE ELASTOMER AND SILICA

(57) Abstract:

The invention relates to a method for preparing a silica/synthetic diene elastomer masterbatch, comprising the following successive steps: - doping the silica with an at least divalent metallic element; - preparing at least one dispersion of the resulting doped silica in water; - bringing a synthetic diene elastomer latex into contact with the aqueous doped-silica obtain a coagulum; - recovering the coagulum; and - drying the recovered coagulum so as to obtain the masterbatch.

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

(22) Date of filing of Application :23/04/2012

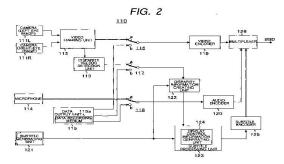
(43) Publication Date: 30/10/2015

(54) Title of the invention: 3D-IMAGE-DATA TRANSMISSION DEVICE, 3D-IMAGE-DATA TRANSMISSION METHOD, 3D-IMAGE DATA RECEPTION DEVICE, AND 3D-IMAGE-DATA RECEPTION 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 	:H04N 13/00 :2010-186638 :23/08/2010 :Japan :PCT/JP2011/068403 :11/08/2011 :WO 2011/026342 :NA :NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 108-0075, JAPAN Japan (72)Name of Inventor: 1)IKUO TSUKAGOSHI
--	---	---

(57) Abstract:

To facilitate a processing in the receiving side. A subtitle processing unit 123 converts 2D image subtitle data into stereoscopic image subtitle data conforming to a transmission format of the stereoscopic image data. In the receiving side, it is possible to easily generate display data of the left-eye subtitle overlapped with the left-eye image data of the stereoscopic image data and display data of the right-eye subtitle overlapped with the right-eye image data of stereoscopic image data based on the stereoscopic image subtitle data, and it is possible to facilitate the processing. In addition to the stereoscopic image data and stereoscopic image subtitle data, display control information including area information of the region partition set as display areas of the left-eye and right-eye subtitles and shift information is transmitted. It is possible to dynamically change disparity assigned to a part of or the entire subtitle in synchronization with the change of the image content. The shift information is generated at a sub-pixel precision level.



No. of Pages: 130 No. of Claims: 15

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

(43) Publication Date: 30/10/2015

(54) Title of the invention: CONDENSED RING PYRIDINE COMPOUNDS AS SUBTYPE-SELECTIVE MODULATORS OF SPHINGOSINE-1-PHOSPHATE-2(SIP2) 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 Number Filing Date 	:C07D 215/38 :61/246,642 :29/09/2009 :U.S.A. :PCT/US2010/050486 :28/09/2010 :WO 2011/041287 :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)WENKUI KEN FANG 2)LIMING WANG 3)EVELYN G. CORPUZ 4)KEN CHOW 5)WHA BIN IM
		4)KEN CHOW
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides compounds represented by the formula I, each of which compounds may have sphingosine-1 -phosphate receptor agonist and or antagonist biological activity, wherein these compounds selected from the group consisting of wherein A, B, C, D, X, Y, Z and R3 are defined in the specification. Said compounds are useful for treating a disease or condition of a mammal selected from the group consisting of ocular diseases; systemic vascular barrier related diseases; allergies and other inflammatory diseases; cardiac diseases or conditions; fibrosis; pain and wounds.

No. of Pages: 56 No. of Claims: 11

(22) Date of filing of Application :23/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : HYDROSIOMERIZATION AND SELECTIVE HYDROGENATION OF FEEDSTOCK IN IONIC LIQUID-CATALYZED ALKYLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 2/58 :12/581,269 :19/10/2009 :U.S.A. :PCT/US2010/052591 :14/10/2010 :WO 2011/049805 :NA :NA :NA	(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. (72)Name of Inventor: 1)ZHAN, BI-ZENG 2)LACHEEN, HOWARD S. 3)TIMKEN, HYE-KYUNG C.
--	--	---

(57) Abstract:

A process for producing alkylate comprising contacting a first hydrocarbon stream comprising at least one olefin having from 2 to 6 carbon atoms which contains 1,3-butadiene and 1-butene with a hydroisomerization catalyst in the presence of hydrogen under conditions favoring the simultaneous selective hydrogenation of 1,3-butadiene to butenes and the isomerization of 1-butene to 2-butene and contacting the resulting stream and a second hydrocarbon stream comprising at least one isoparaffin having from 3 to 6 carbon atoms with an acidic ionic liquid catalyst under alkylation conditions to produce an alkylate is disclosed.

No. of Pages: 16 No. of Claims: 13

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SURFACING DIGITAL COUPONS TO CUSTOMERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q 30/00 :12/608,679 :29/10/2009 :U.S.A. :PCT/US2010/053735 :22/10/2010 :WO 2011/053528 :NA :NA :NA	5)DEMARCO PAUL. D. (72)Name of Inventor: 1)MCCANN, MONICA, THERESA 2)ALLOCCA, WILLIAM, W. 3)CHANG, BRANDON, R. I. 4)NICKERSON, HENRY, ROBERT 5)GULBRANDSEN, MARK, S.
(62) Divisional to Application Number		
		7)KUMAR, DILIP, S. 8)SHIMADA, JAMES, J.

(57) Abstract:

Various systems, methods, and other embodiments are described relating to the selection of digital coupons for display in network pages. In one embodiment, a plurality of coupon campaigns are maintained in a computing device for a plurality of entities in association with an operation of an electronic commerce system employed to sell a plurality of items over a network. Each of the coupon campaigns comprises at least one digital coupon to be applied to a purchase of at least one of the items. A network page is generated in the electronic commerce system to be rendered on a client. The network page is generated in association with the operation of the electronic commerce system. A subset of the digital coupons is determined to be included in the network page to present to a user.

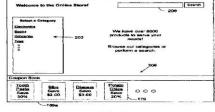


FIG. 2

No. of Pages: 39 No. of Claims: 27

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR SYNTHESIZING BIO-BASED PYRIDINE AND PICOLINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2011/055057 :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-LUC DUBOIS 2)JEAN-FRANCOIS DEVAUX
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for synthesizing bio-based pyridine and picolines, said method including at least the following steps: a first step involving subjecting a glycerol filler, created from the methanolysis of vegetable oils or animal fats, to a dehydration reaction leading to acrolein; a second step involving partial condensation of the effluent from the first step so as to separate a water-rich flow as well as an acrolein-rich flow; and a third step involving reacting the acrolein from the preceding step with acetaldehyde in the presence of ammonia so as to obtain, by means of a condensation reaction, the bio-based pyridine and picolines.

No. of Pages: 32 No. of Claims: 12

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

$(54) \ Title \ of the \ invention: DISUBSTITUTED \ OCTAHYDROPYRROLO \ [3,4-C] \ PYRROLES \ AS \ OREXIN \ RECEPTOR \ MODULATORS$

 (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 487/04 :61/254,509 :23/10/2009 :U.S.A. :PCT/US2010/053606 :21/10/2010 :WO 2011/050198 :NA :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)MICHAEL A. LETAVIC 2)WENYING CHAI 3)KIEV S. LY 4)DANIEL J. PIPPEL 5)DALE A. RUDOLPH 6)KATHLEEN C. STROTHER 7)BRAD M. SAVALL 8)CHANDRAVADAN R. SHAH 9)BROCK T. SHIREMAN 10)AKINOLA SOYODE-JOHNSON 11)EMILY M. STOCKING 12)DEVIN M. SWANSON
--	--	--

(57) Abstract:

Disubstituted octahydropyrrolo[3,4-c]pyrrole compounds are described, which are useful as orexin receptor modulators. Such compounds may be useful in pharmaceutical compositions and methods for the treatment of diseased states, disorders, and conditions mediated by orexin activity, such as insomnia.

No. of Pages: 330 No. of Claims: 34

(21) Application No.3944/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: POLYCARBONATE PLATES WITH IMPROVED FLAME 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 (62) Divisional to Application Number Filing Date 	:C08K 5/49 :10 2009 052 043.0 :05/11/2009 :Germany :PCT/EP2010/066731 :03/11/2010 :WO 2011/054862 :NA :NA :NA	(71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant:51368, LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)ALEXANDER MEYER 2)BERIT KRAUTER 3)CLAUS RUDIGER 4)ULRICH BLASCHKE 5)PETER SCHWARZ
--	--	--

(57) Abstract:

The invention relates to flame resistant polycarbonate plates characterised in that the flame-proof properties thereof are maintained even after long exposure to weathering.

No. of Pages: 40 No. of Claims: 10

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : ELECTRICAL TERMINAL, IN PARTICULAR TERMINAL BLOCK, WITH A HOUSING AND A CONDUCTOR BAR HELD ON THE HOUSING

:H01R 9/26 (51) International classification (31) Priority Document No :10 2009 057 854.4 (32) Priority Date :11/12/2009 (33) Name of priority country :Germany (86) International Application No :PCT/EP2010/007080 Filing Date :23/11/2010 (87) International Publication No :WO 2011/069600 (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)PHOENIX CONTACT GMBH & CO.

Address of Applicant :FLACHSMARKSTRAE 8, 32825

BLOMBERG, GERMANY. Germany

(72)Name of Inventor: 1)DIESSEL, THORSTEN

(57) Abstract:

The present invention relates to an electrical terminal, in particular a terminal block, with a housing (2) and a conductor bar (4) held on the housing (2), as well as a fastening screw or a fastening nut (6), which, in the position of use of the electrical terminal, interacts with a nut or screw (8) corresponding thereto in such a way that an electrical conductor to be electrically connected to the conductor bar (4) is clamped between the nut or screw (8) and the conductor bar (4). In order to provide an electrical terminal with which the torque transfer from the fastening screw or nut to the housing is improved, it is proposed that, in the mounting position of the electrical terminal, the screw head of the fastening screw or the fastening nut (6) is completely enclosed at the outer periphery thereof by the housing (2) in a direction perpendicular to the centre axis (10) of the fastening screw or nut (6), wherein the housing (2) is formed in the contact region in a way corresponding to the outer contour of the fastening screw or nut (6).

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NUTRITIONAL FORMULATION COMPRISING A COW'S MILK PEPTIDE-CONTAINING HYDROLYSATE AND/OR PEPTIDES DRIVED THEREOF FOR TOLERANCE INDUCTION

(51) International classification	:A23L 1/305	(71)Name of Applicant :
(31) Priority Document No	:09015087.1	1)MEAD JOHNSON NUTRITION COMPANY
(32) Priority Date	:04/12/2009	Address of Applicant :2400 W. LLOYD EXPRESSWAY,
(33) Name of priority country	:EUROPEAN	EVANSVILLE, INDIANA 47721-0001, UNITED STATES OF
(33) Name of priority country	UNION	AMERICA U.S.A.
(86) International Application No	:PCT/US2010/058852	(72)Name of Inventor:
Filing Date	:04/12/2009	1)RUDOLPH VALENTA
(87) International Publication No	:WO 2011/069042	2)ERIC VAN TOL
(61) Patent of Addition to Application	:NA	3)UDO HERZ
Number	:NA	4)HEIDRUN HOCHWALLNER
Filing Date	.11/1	5)MARGARETE FOCKE-TEJKL
(62) Divisional to Application Number	:NA	6)INES SWOBODA
Filing Date	:NA	7)ULRIKE SCHULMEISTER

(57) Abstract:

The present invention relates to a nutritional formulation or supplement comprising a cows milk peptide-containing hydrolysate and/or peptide-containing fraction of the hydrolysate and/or one or more peptides derived from a protein present in cows milk for use in the induction of tolerance in a human subject, wherein said peptides contained in-the hydrolysate or fraction of hydrolysate comprise T cell epitope-containing peptides or wherein said one or more peptides are T cell epitope-containing peptides, and wherein said T cell epitope-containing peptides are capable of driving the immune reaction upon intake of the nutritional formulation towards tolerance.

No. of Pages: 58 No. of Claims: 12

(21) Application No.3503/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TETRAFLUOROBUTENE BLOWING AGENT COMPOSITIONS FOR POLYURETHANE FOAMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08J 9/14 :61/254,260 :23/10/2009 :U.S.A. :PCT/US2010/053296 :20/10/2010 :WO 2011/050017 :NA :NA :NA	(71)Name of Applicant: 1)ARKEMA INC. Address of Applicant:900 FIRST AVENUE, KING OF PRUSSIA, PENNSYLVANIA 19406, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BENJAMIN B. CHEN 2)JOSEPH S. COSTA 3)PHILIPPE BONNET
---	--	---

(57) Abstract:

A blowing agent for thermosetting foams is disclosed. The blowing agent is 2,4,4,4-tetrafluorobutene-1 alone or in combination with a hydrofluoroolefin (HFO), hydrofluorocarbon (HFC), hydrochlorofluoroolefin (HCFO), or a hydrocarbon. The blowing agent is effective as a blowing agent in the manufacture of thermosetting foams.

No. of Pages: 16 No. of Claims: 11

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: GREASE COMPOSITION FOR BEARING OF WIND POWER GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C10M 169/02 :2009-238433 :15/10/2009 :Japan :PCT/JP2010/068161 :15/10/2010 :WO 2011/046201 :NA :NA :NA	(71)Name of Applicant: 1)KYODO YUSHI CO., LTD. Address of Applicant:2-30, TSUJIDO KANDAI 2-CHOME, FUJISAWA-SHI, KANAGAWA 2518588, JAPAN. Japan (72)Name of Inventor: 1)MINORU NAMIKI 2)DAMING DONG 3)TERASU YOSHINARI
--	--	--

(57) Abstract:

The invention provides a grease composition for bearings used in wind power generators, containing a base oil which has a kinematic viscosity of 10 to 70 mm2/s at 40°C and a pour point of -40°C or less, and a diurea compound as a thickener, for example, a diurea compound represented by formula (1) where R1 and R2 are both C8-alkyl group. The grease composition for bearings used in wind power generators according to the invention can meet the requirements in terms of the seizure life and the pumpability as well as the fatigue life (flaking life).

No. of Pages: 19 No. of Claims: 4

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : CRYSTAL FORMS OF SULFONYLUREA COMPOUND AND METHOO FOR 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 	:C07D 413/14 :2009-252981 :04/11/2009 :Japan :PCT/JP2010/068845 :25/10/2010 :WO 2011/055649 :NA	(71)Name of Applicant: 1)NISSAN CHEMICAL INDUSTRIES, LTD. Address of Applicant:7-1, KANDA-NISHIKI-CHO 3-CHOME, CHIYODA-KU, TOKYO 1010054, JAPAN. Japan (72)Name of Inventor: 1)YOSHIYUKI KUSUOKA 2)YOSHIHIKI NAKAYA 3)KITAYADO NAO
- 14	:NA :NA :NA	

(57) Abstract:

The present invention relates to crystal forms of sulfonylurea compound and method for producing the same. [Means of Solution] It has been found that a sulfonylurea compound of Formula (1): has two types of crystal polymorphisms and four types of pseudo crystal polymorphisms. A production method of each crystal form of the sulfonylurea compound of Formula (1) through recrystallization or solvate has been also found. In addition, the present invention provides a suspension of a composition containing the crystal that is improved in storage stability.

No. of Pages: 40 No. of Claims: 22

(21) Application No.3938/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF CALCOBUTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 257/02 :10 2009 053 171.8 :04/11/2009 :Germany :PCT/EP2010/066655 :02/11/2010 :WO 2011/054827 :NA :NA	(71)Name of Applicant: 1)BAYER PHARMA AKTIENGESELLSCHAFT Address of Applicant: MULLERSTRASSE 178, 13353 BERLIN, GERMANY. Germany (72)Name of Inventor: 1)JOHANNES PLATZEK 2)WILHELM TRENTMANN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns a process for the preparation of the calcium complex of 10-(2,3-Dihydroxy-l-(hydroxymethyl)propyl)-l,4,7,10-tetraazacyclodecane-1,4,7-triacetic acid, also known as Calcobutrol, starting from the pure gadolinium complex (Gadobutrol). The invention furthermore concerns Calcobutrol with a hitherto unknown level of purity.

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

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : MORE FLAME-RETARDANT POLYCARBONATE COMPOSITION FOR USE IN EXTRUDED 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 	:C08K 5/00 :102009052041.4 :05/11/2009 :Germany :PCT/EP2010/066735 :03/11/2010 :WO 2011/054865 :NA :NA :NA	(71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY. Germany (72)Name of Inventor: 1)ULRICH BLASCHKE 2)ALEXANDER MEYER 3)CLAUS RUDIGER 4)BERIT KRAUTER
--	---	--

(57) Abstract:

The present invention relates to compositions which contain flame-retardant polycarbonate and are suitable for the production of flame-resistant and milky-white sheets.

No. of Pages: 34 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3526/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: PIZZA SANDWICH

(51) International classification	:A21D 13/00	(71)Name of Applicant:
(31) Priority Document No	:12/609,638	1)NESTEC S.A.
(32) Priority Date	:30/10/2009	Address of Applicant :AVENUE NESTLE 55, CH-1800
(33) Name of priority country	:U.S.A.	VEVEY, SWITZERLAND Switzerland
(86) International Application No	:PCT/EP2010/064297	(72)Name of Inventor:
Filing Date	:28/09/2010	1)DODD, KRISTIN, N.
(87) International Publication No	:WO 2011/051062	2)GREINER, STEVEN, P.
(61) Patent of Addition to Application	:NA	3)CONWAY, BERNARD, WILLIAM
Number	:NA	4)YOST, RACHEL, MICHELLE
Filing Date	.NA	5)FOSTER, LISA, A.
(62) Divisional to Application Number	:NA	6)STOCKWELL, PATRICIA
Filing Date	:NA	

(57) Abstract:

Compositions and methods for double-crusted pizza product and method for making are disclosed having a peripheral gap extending around, or substantially around, the product perimeter between upper and lower crusts forming a gap. One embodiment provides a double-crusted layer pizza product having a lower crust layer forming a base; an upper crust layer positioned above the lower crust layer; a sauce layer applied directly adjacent to the upper crust layer on a lower surface thereof and positioned between the lower and upper crust layers; at least one ingredient; and the sauce layer having a water concentration of at least 40 percent weight. A second sauce layer or oil layer can be optionally applied adjacent to an upper surface of the lower crust layer. Cut-outs of the second crust layer can occur prior to or after hot-pressing a billet. Optional methods can include spraying the second sauce layer.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METAL FLUORIDE COMPOSITIONS FOR SELF FORMED BATTERIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M 4/58 :61/280,815 :09/11/2009	(71)Name of Applicant: 1)RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY Address of Applicant: 3 RUTGERS PLAZA, NEW BRUNWICK, NJ 08901, UNITED STATES OF AMERICA U.S.A. 2)AMATUCCI, GLENN, G. 3)BADWAY, FADWA 4)HALAJKO, ANNA (72)Name of Inventor: 1)AMATUCCI, GLENN, G. 2)BADWAY, FADWA 3)HALAJKO, ANNA
--	--	---

(57) Abstract:

The described invention provides compositions related to an electronically insulating amorphous or nanocrystalline mixed ionic conductor composition comprising a metal fluoride composite to which an electrical potential is applied to form 1) a negative electrode, and 2) a positive electrode, wherein the negative electrode and positive electrode are formed in situ.

No. of Pages: 58 No. of Claims: 24

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HIGH EFFICIENCY PARTICLE COMPRISING BENEFIT AGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/11/2010 :WO 2011/056904 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OH 45202, U.S.A. U.S.A. (72)Name of Inventor: 1)CHIEFFI, ANDRE 2)MARTIN, JULIAN, DAVID 3)SMETS, JOHAN 4)DIHORA, JITEN, ODHAVJI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application relates to high efficiency particles and compositions, such as consumer products, comprising such high efficiency particles as well as processes for making and using such high efficiency particles and compositions comprising such high efficiency particles. Such high efficiency particles and compositions provide enhanced benefit agent delivery to a situs that is treated with such high efficiency particles and compositions. An encapsulate, comprising a core, a shell having an inner and outer surface and a coating, said coating coating the outer surface of said shell, said coating comprising a cationic polymer and an anionic polymer.

No. of Pages: 25 No. of Claims: 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3948/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DELIVERY PARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C11D 17/00 :61/258,900 :06/11/2009 :U.S.A. :PCT/US2010/055394 :04/11/2010 :WO 2011/056935 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OH 45202, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)CHIEFFI, ANDRE 2)MARTIN, JULIAN, DAVID 3)GUILLARD, NICOLAS
Filing Date	:NA	

(57) Abstract:

The present application relates to benefit agent delivery compositions comprising a material selected from the group consisting of agglomerates comprising chelant and an encapsulated benefit agent; agglomerates comprising an encapsulated benefit agent having a shell comprising chelant; agglomerates comprising an encapsulated benefit agent having a core comprising chelant and combinations thereof, and processes for making and using such benefit agent delivery compositions.

No. of Pages: 50 No. of Claims: 10

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SHARED SCRIPT FILES IN MULTI-TAB BROWSER

(51) International classification	:G06F 17/30	(71)Name of Applicant:
(31) Priority Document No	:12/574,077	1)OY LM ERICSSON AB (LMF)
(32) Priority Date	:06/10/2009	Address of Applicant :OY LM ERICSSON AB, 02420
(33) Name of priority country	:U.S.A.	JORVAS (FI) Finland
(86) International Application No	:PCT/EP2010/064630	(72)Name of Inventor:
Filing Date	:01/10/2010	1)YUAN, SONG
(87) International Publication No	:WO 2011/042360	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A host device executes a browser application that displays web content to a user in plurality of tabs or windows. The browser application includes an interpreter that determines whether an external file referenced in the web content already exists in a shared memory resource available to a plurality of the tabs or windows. If the external file does not exist, the interpreter obtains the external file and generates the intermediate representation of the external file for storage in the shared memory resource. If the external file does exist, the interpreter links an intermediate representation of the code embedded in the web content that is stored in a dedicated memory resource to the corresponding intermediate representation of the external file stored in the shared memory resource.

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

(21) Application No.3534/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR THE ENHANCED RECOVERY OF CATMINT OIL

(62) Divisional to Application Number :NA Filing Date :NA	. ,	:10/11/2010 :WO 2011/060027 :NA :NA :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 MARKET STREET, WILMINGTON, DELAWARE 19898, U.S.A. U.S.A. (72)Name of Inventor: 1)SCIALDONE, MARK, A. 2)HALLAHAN, DAVID L.
---	-----	---	--

(57) Abstract:

A high yielding method is described for recovery of catmint oil from catmint plants of the genus Nepeta by improved separation of a catmint oil containing phase from the condensed steam distillate of catmint plants. Catmint oil may be obtained in quantitative yields for use in insect repellent compositions.

No. of Pages: 31 No. of Claims: 10

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: INACTIVATION OF OFF-TASTE INDUCING ENZYMES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 2011/070119 :NA :NA :NA	(71)Name of Applicant: 1)DUPONT NUTRITION BIOSCIENCES APS. Address of Applicant: LANGEBROGADE 1, POSTBOKS 17, DK-1001, COMPENHAGEN K (DK) Denmark (72)Name of Inventor: 1)BILLARD, LIONEL
Filing Date	:NA	

(57) Abstract:

The present inventions relates to a method for the production of gellan gum, under mixing conditions, the method comprising a) providing a fermentation broth or other liquid medium containing gellan gum, b) if necessary adjusting the temperature and the pH of the fermentation broth/liquid medium to allow or facilitate enzymatic treatment in step c, c) adding one or more enzymes capable of reducing or abolishing the enzymatic activity of S. elodea derived arylsulfatase and/or -glucuronidase, said one or more enzymes being added in an amount sufficient to reduce or abolish the enzymatic activity of S. elodea derived arylsulfatase and/or -glucuronidase in the broth/liquid medium, and/or treating the broth/liquid medium at a temperature between 90°C and 125°C for a period of time sufficient to reduce or abolish the enzymatic activity of S. elodea derived arylsulfatase and/or -glucuronidase in the broth/liquid medium, and d) optionally recovering the gellan gum from the gellan gum containing broth/liquid medium.

No. of Pages: 21 No. of Claims: 28

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : CEMENT COMPOSITIONS COMPRISING LATEX, POZZOLAN AND/OR CEMENT KILN DUST AND METHODS OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09K 8/42 :12/609,993 :30/10/2009 :U.S.A. :PCT/GB2010/002011 :29/10/2010 :WO 2011/051684 :NA :NA :NA	(71)Name of Applicant: 1)HALLIBURTON ENERGY SERVICES, INC. Address of Applicant: 10200 BELLAIRE BOULEVARD HOUSTON TEXAS 77072, U.S. U.S.A. (72)Name of Inventor: 1)RODDY, CRAIG, WAYNE 2)CHATTERJI, JITEN 3)BRENNEIS,DARRELL, CHAD 4)MORGAN, RONNIE, G. 5)HUDGINS, CALLIE, RENEE
--	--	---

(57) Abstract:

The present invention includes methods and compositions that include a latex, and at least one of a natural pozzolan or cement kiln dust. An embodiment includes a method comprising: placing a latex composition in a subterranean formation, wherein the latex composition comprises: latex, a component selected from the group consisting of a natural pozzolan, cement kiln dust, and a combination thereof, and water; and allowing the latex composition to set. Another embodiment of the present invention includes a latex composition comprising: latex, a component selected from the group consisting of a natural pozzolan, cement kiln dust, and a combination thereof.

No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PROVIDING AND COMMERCIALLY EXPLOITING ONLINE PERSONA VALIDATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06Q 30/00 :61/278,479 :06/10/2009 :U.S.A. :PCT/US2010/002700 :06/10/2010 :WO 2011/043810 :NA :NA	(71)Name of Applicant: 1)DELOITTE DEVELOPMENT, LLC Address of Applicant: 4022 SELLS DRIVE HERMITAGE, TN 37076 U.S.A. U.S.A. (72)Name of Inventor: 1)LANDIS, KENNETH, M. 2)STEINMANN, JENNIFER 3)PRASAD, ARUN KUMAR 4)HRIBAR, CAROLINE, BUCHANAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Providing and commercially exploiting online persona validation An online persona validation framework suitable for mass adoption including systems and methods to leverage such framework to create and exploit transactional opportunities, such as targeted marketing, trend spotting and tracking, and granular data mining Tiered (i.e., comprising various levels of financial, demographic, lifestyle and other information), opt-in identity validation systems and various methods that authenticate an individual in e-commerce, social networks, job searches and the like, can be implemented. Systems and methods can identify precise, granular, and hence, valuable, demographics for advertisers In comparison to conventional Internet based services, exemplary systems according to the present invention can provide multiuse Internet-wide trusted persona validation, micro-segment targeted ads and offers, and real time, location based, channel integrated ads and offers.

No. of Pages: 60 No. of Claims: 39

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: POLYNUCLEOTIDE ENCODING CATLP1 PROTEIN AND USES THEREOF

(74) 7	GI ANY	71.33
(51) International classification	:C12N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CHAKRABORTY NIRANJAN
(32) Priority Date	:NA	Address of Applicant :NATIONAL INSTITUTE OF PLANT
(33) Name of priority country	:NA	GENOME REEARCH JNU CAMPUS, ARUNA ASAF ALI
(86) International Application No	:NA	MARG, NEW DELHI-110067, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)CHAKRABORTY, NIRANJAN
(61) Patent of Addition to Application Number	:NA	2)CHAKRABORTY, SUBHRA
Filing Date	:NA	3)DATTA, ASIS
(62) Divisional to Application Number	:NA	4)WARDHAN, VIJAY
Filing Date	:NA	5)JAHAN, KISHWER

(57) Abstract:

The present invention provides herein a polynucleotide sequence encoding the tubby-like protein. CaTLPl, from chickpea (Cicer arientium L.) that is responsive to abiotic stress and is involved in plant growth and development. Further, the recombinant DNA construct and recombinant vector comprising the polynucleotide sequence encoding CaTLPl, host cell comprising the recombinant vector and a process for producing a transgenic plant that expresses the abiotic stress responsive protein, CaTLPl arc also provided herein.

No. of Pages: 62 No. of Claims: 21

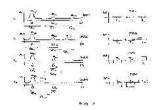
(22) Date of filing of Application :25/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TRACKING WITH CONSIDERATION OF MOBILITY

(51) International classification (31) Priority Document No	:G06Q :61/515,184	(71)Name of Applicant : 1)VEGA GRIESHABER KG
(32) Priority Date	:04/08/2011	
(33) Name of priority country	:U.S.A.	WOLFACH, GERMANY Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HOFERER, CHRISTIAN
(87) International Publication No	: NA	2)WELLE, ROLAND
(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 of the invention, a level gauge is disclosed that can carry out a tracking method with consideration of the mobility of the echoes. For this purpose, mobility values of echoes of an echo curve are determined and the expectancy function, by means of which it is determined whether a certain echo needs to be assigned to a certain track, is determined with consideration of at least one of the mobility values. In this way, the correct allocation of an echo to a certain track may be realized with high reliability.



No. of Pages: 35 No. of Claims: 13

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SAFETY MANAGEMENT SYSTEM •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:22/10/2010 : NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS PLC Address of Applicant: 6 Carlton Gardens London SW1Y 5AD U.K. (72)Name of Inventor: 1)SHANE MICHAEL TUCKER 2)ALAN CORT
(61) Patent of Addition to Application		Z)ALAN CORT

(57) Abstract:

In a safety management system for equipment adapted to operate autonomously in a real-time environment, both a deterministic processor and a non-deterministic processor are provided for processing incoming alerts and generating control signals in response. The non-deterministic processor can deal with unrehearsed, complex and unpredictable situations, by providing essentially openended procedures working ih large search spaces with no guarantee of a solution. The deterministic processor monitors behaviour of the non-deterministic processor and validates control signals produced by it against safety policies. The deterministic processor also provides an intelligent interface to the non-deterministic processor, which receives alerts only from the deterministic processor, and enforces time-critical delivery of responses. (Figure 4)

No. of Pages: 53 No. of Claims: 22

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONFIGURATION OF SYNCHRONISATION NETWORK

(51) International classification	:H04J 3/06	(71)Name of Applicant:
(31) Priority Document No	:09176539.6	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:19/11/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:EPO	Sweden
(86) International Application No	:PCT/EP2010/050526	(72)Name of Inventor:
Filing Date	:18/01/2010	1)RUFFINI, STEFANO
(87) International Publication No	:WO 2011/060965	2)BOTTARI, GIULIO
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)NARDELLI, MANUEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Configuring a node (410, A-I, L-O) of a synchronization network, involves determining information about synchronization sources of a plurality of synchronization trails for passing synchronization information from the synchronization source (A, L, O, PRC) to the node to provide a synchronization reference. After determining automatically (210, 230, 330, 335, 340) synchronization transmission characteristics of trails (EF, FG, GH, HM, MN, OF, FI, IH) which use packet-based communication, the trails are compared automatically (240, 370), using their source information and their synchronization transmission characteristics, for selecting which of these trails to use for providing the synchronization reference for the node (N). Compared to selections made based on source alone, using the synchronization transmission characteristics of the packet based parts can enable a better choice of trail, and can enable comparison with synchronous type trails, and so enable hybrid synchronization networks to be configured and maintained.

No. of Pages: 51 No. of Claims: 16

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FILE FORMAT FOR SYNCHRONIZED MEDIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04N 7/24 :61/258,654 :06/11/2009 :U.S.A. :PCT/SE2010/051209 :05/11/2010	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE). Sweden (72)Name of Inventor: 1)FROJDH, PER
(87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date	:WO 2011/056139 :NA :NA	2)PRIDDLE, CLINTON 3)WU, ZHUANGFEI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Metadata defining decoding and rendering instructions for media content to be co-rendered in a media presentation is divided and distributed as track fragments (15, 16) provided in different media container files (11). Track fragment adjustment information (20) is included in at least one such track fragment (15) in order to define rendering timing relationships between media content portions defined by the track fragments (15, 16) in a current media container file (11). The rendering timing relationships enable a correct time alignment of the playback of the media content to be co-rendered to achieve a synchronized media presentation. The track fragment adjustment information (20) is particularly advantageous in connection with tuning in or a random access in a stream of media container files (1, 11) comprising fragmented metadata.

No. of Pages: 46 No. of Claims: 19

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND KIT FOR GENERATOR ENHANCEMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H02J :13/103893 :09/05/2011 :U.S.A. :NA	
Filing Date	:NA	1)DRAINA, KEVIN MITCHELL
(87) International Publication No (61) Patent of Addition to Application Number	:NA :NA	2)MANCUSO, BENJAMIN ALBER 3)VANSLYKE, DONALD ALDEN
Filing Date	:NA	3) VIII (OLI IRE, DOI (IRED IREDE)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In certain exemplary embodiments, a generator (14) field upgrade kit includes a design modification package configured to be installed in a generator (14) field of a generator (14) as a retrofit to mitigate damage of the generator (14) field due to high cyclic duty of the generator (14). The design modification package includes a plurality of individual modifications (128, 132, 160, 166) that are selectable based on specific operational and performance parameters of the generator (14).

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

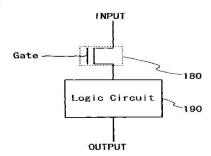
(54) Title of the invention: SEMICONDUCTOR DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/10/2009 :WO 2011/052351 :NA :NA	(71)Name of Applicant: 1)SEMICONDUCTOR ENERGY LABORATORY CO., LTD. Address of Applicant: 398, HASE, ATSUGI-SHI, KANAGAWA-KEN 243-0036, JAPAN Japan (72)Name of Inventor: 1)YAMAZAKI SHUNPEI 2)IMAI KEITARO 3)KOYAMA JUN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The semiconductor device includes: a transistor having an oxide semiconductor layer; and a logic circuit formed using a semiconductor material other than an oxide semiconductor. One of a source electrode and a drain electrode of the transistor is electrically connected to at least one input of the logic circuit, and at least one input signal is applied to the logic circuit through the transistor. The off-current of the transistor is preferably 1 x 10-13 A or less.

FIG. 1A



No. of Pages: 76 No. of Claims: 27

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD FOR CONTROLLING THE MOTION OF A COMPONENT OR MACHINE ELEMENT INHIBITED BY FRICTION

(31) Priority Document No :10 2010 000 744.7 (32) Priority Date :08/01/2010	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTTGART, GERMANY. Germany (72)Name of Inventor: 1)SILBERBAUER, MARTIN 2)NEUBURGER, ROBERT 3)ZIMMERMANN, GERALD 4)ZIMMERMANN, KLAUS
--	---

(57) Abstract:

A method for controlling the motion of a component or machine element inhibited by friction, the method comprising carrying out an adaptive preliminary control, wherein the control variable (u) has a changeable preliminary control value (v) applied thereto for compensating for the friction, determining a change to the preliminary control value (v) as a function of a control deviation (e), and during a sign change, reducing a difference between the control deviation (e) and a preset value of the amount of the preliminary control value (v).

No. of Pages: 18 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3956/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR OPERATING A WINDING 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 	:B65H 23/182 :10 2009 052 462.2 :09/11/2009 :Germany :PCT/EP2010/005678 :16/09/2010 :WO 2011/054415 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: 70469 STUTTGART, GERMANY Germany (72)Name of Inventor: 1)SCHULTZE, STEPHAN 2)DOERES, HANS-JURGEN
--	--	--

(57) Abstract:

A method for operating a winding device (100) of a processing machine for processing a material web (102), wherein a winding device is provided for winding or unwinding the material web (102), the winding device (100) is operated to specify a web tension is described herein. The method includes switching from a first web tension specification procedure to a second web tension specification procedure during the processing of the material web.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A VEHICLE STRUCTURE INCLUDING A BATTERY

(51) International classification	:B62D 25/20	(71)Name of Applicant:
(31) Priority Document No	:0957126	1)COMPAGNIE PLASTIC OMNIUM
(32) Priority Date	:12/10/2009	Address of Applicant :19 AVENUE JULES CARTERET, F-
(33) Name of priority country	:France	69007 LYON, FRANCE France
(86) International Application No	:PCT/FR2010/052156	(72)Name of Inventor:
Filing Date	:12/10/2010	1)ANDRE, GERALD
(87) International Publication No	:WO 2011/045524	2)MARTIN, LAURENT
(61) Patent of Addition to Application	:NA	3)GINJA, STEPHANE
Number	:NA	4)GRANDO, JEROME
Filing Date		5)CHERON, HUGUES
(62) Divisional to Application Number	:NA	6)REBUEL, YVES
Filing Date	:NA	

(57) Abstract:

The invention relates to a vehicle structure (10) including a longitudinal structural element (14) at each of its side edges, and: at least two shells (28, 30) superposed in such a manner as to form a housing (31), each shell being connected to the structural elements; at least one battery component (3 6) comprising an energy storage unit arranged in the housing; and at least one fastener element (46) connecting a shell to a member situated in the housing or to the other shell, the fastener element(s) being arranged in such a manner that the or at least one battery component is in compression in the shell-superposition direction, essentially corresponding to the vertical direction.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ANTIBODIES SPECIFIC FOR CLAUDIN 6 (CLDN6)

(51) International classification	:C07K 16/28	(71)Name of Applicant: 1)GANYMED PHARMACEUTICALS AG
(31) Priority Document No	:61/260,202	Address of Applicant :FREILIGRATHSTRASSE. 12, 55131
(32) Priority Date	:11/11/2009	MAINZ GERMANY Germany
(33) Name of priority country	:U.S.A.	2)JOHANNES GUTENBERG-UNIVERSITAT MAINZ
(86) International Application No	:PCT/EP2010/006888	(72)Name of Inventor:
Filing Date	:11/11/2010	1)SAHIN, UGUR
(87) International Publication No	:WO 2011/057788	2)TURECI, OZLEM
(61) Patent of Addition to Application	:NA	3)KOSLOWSKI, MICHAEL
Number	:NA	4)WALTER, KORDEN
Filing Date	.1171	5)WOLL, STEFAN
(62) Divisional to Application Number	:NA	6)KREUZBERG, MARIA
Filing Date	:NA	7)HUBNER, BERND
		8)ERDELJAN, MICHAEL

(57) Abstract:

The present invention provides antibodies useful as therapeutics for treating and/or preventing diseases associated with cells expressing CLDN6, including tumor-related diseases such as ovarian cancer, lung cancer, gastric cancer, breast cancer, hepatic cancer, pancreatic cancer, skin cancer, malignant melanoma, head and neck cancer, sarcoma, bile duct cancer, cancer of the urinary bladder, kidney cancer, colon cancer, placental choriocarcinoma, cervical cancer, testicular cancer, and uterine cancer.

No. of Pages: 193 No. of Claims: 35

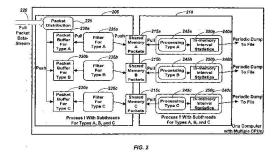
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: EFFICIENT MULTIPLE FILTER PACKET STATISTICS GENERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2011/053489 :NA :NA	(71)Name of Applicant: 1)VERISIGN, INC. Address of Applicant:12061 BLUEMONT WAY, RESTON, VA 20190, U.S.A. U.S.A. (72)Name of Inventor: 1)GALLANT JOHN KENNETH 2)HENDERSON KARL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Incoming data streams are managed by receiving a data stream on at least one network interface card (NIC) and performing operations on the data stream using a first process running several first threads for each network interface card and at least one group of second multiple processes each with an optional group of second threads. The first process and the one or more groups of second multiple processes are independent and communicate via the shared memory. The first threads for each network interface card are different than the group of second threads.



No. of Pages: 30 No. of Claims: 27

(22) Date of filing of Application :23/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : MONOCLONAL ANTIBODIES AGAINST THE RGM A PROTEIN FOR USE UN THE TREATMENT OF RETINAL NERVE FIBER LAYER DEGENERATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/267,446 :08/12/2009 :U.S.A. :PCT/EP2010/069120 :08/12/2010 :WO 2011/070045 :NA :NA	(71)Name of Applicant: 1)ABBOTT GMBH & CO. KG Address of Applicant: MAX-PLANCK-RING 2, 65205 WIESBADEN, GERMANY Germany (72)Name of Inventor: 1)MUELLER BERNHARD K.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present application describes RGM A binding proteins, particularly monoclonal antibodies, and in particular CDR grafted, humanized versions thereof, which have the ability to bind to RGM A and prevent binding of RGM proteins to RGM A receptor and other RGM A binding proteins, and therefore neutralize the function of RGM A, for use in the treatment of retinal nerve fiber layer (RNFL) degeneration as well as methods of therapeutically or prophylactically treating a mammal against RNFL degeneration.

No. of Pages: 167 No. of Claims: 20

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FUEL PROPERTY DETERMINATION SYSTEM FOR INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D 41/00 :2009-276878 :04/12/2009 :Japan :PCT/IB2010/002876 :11/11/2010 :WO 2011/067643 :NA :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, TOYOTA-CHO, TOYOTA-SHI, AICHI-KEN, 471-8571, JAPAN Japan (72)Name of Inventor: 1)NISHIMUI RYOJI
--	---	---

(57) Abstract:

A fuel injection pressure (Pcr) at a timing at which an NOx concentration (combustion temperature) indicates a maximum value under the condition that a fuel injection timing (InjT) is fixed to a first injection timing (InjTl) is recorded as a first NOx peak injection pressure (Pcrl). Similarly, a second NOx peak injection pressure (Pcr2) is recorded under the condition that the fuel injection timing (InjT) is fixed to a second injection timing (InjT2). A cetane number (CN) and distillation property (T90) of fuel are determined on the basis of these NOx peak injection pressures (Pcrl and Pcr2).

No. of Pages: 41 No. of Claims: 14

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(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	NEW YORK 10022, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/060874	(72)Name of Inventor:
Filing Date	:22/12/2010	1)JIMENEZ EDUARDO
(87) International Publication No	:WO 011/079028	2)SORRENTINO ALAN
(61) Patent of Addition to Application	:NA	3)KENNEDY SHARON
Number	:NA	4)GATZEMEYER JOHN
Filing Date	.IVA	5)MOSKOVICH ROBERT
(62) Divisional to Application Number	:NA	6)ROONEY MICHAEL
Filing Date	:NA	7)FATTORI JOSEPH

(57) Abstract:

An oral care system, such as a toothbrush having a detachable dispenser containing an oral care material. In one embodiment, the dispenser may include a housing; an internal reservoir for containing a fluid and a dispensing orifice for dispensing the fluid; a first cam surface, the first cam surface being non-rotatable with respect to the housing; a reciprocator comprising an actuator, a drive screw, and a second cam surface, the reciprocator being rotatable with respect to the housing; an elevator forming a transverse end wall of the reservoir, the elevator being non-rotatable with respect to the housing and threadily coupled to the drive screw; wherein rotation of the actuator causes the elevator to (1) axially advance, and (2) axially reciprocate.

No. of Pages: 53 No. of Claims: 34

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: GAS ENGINE DRIVES FOR GASIFICATION 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 		(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NY 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)STEELE RAYMOND DOUGLAS 2)MAZUMDAR ANINDRA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)THACKER PRADEEP S. 4)DEPUTY RICHARD 5)MILLER GARY D.

(57) Abstract:

The present application provides an integrated gasification combined cycle system. The integrated gasification combined cycle system may include a gas turbine engine, a syngas system for producing a syngas for the gas turbine engine and having a compressor therein, and a second gas engine in communication with the syngas system. The second gas engine dives the compressor via the syngas.

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

(22) Date of filing of Application :24/04/2012

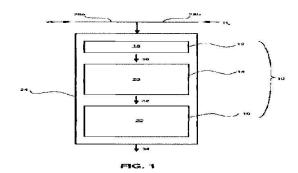
(43) Publication Date: 30/10/2015

(54) Title of the invention : CATALYTIC PROCESSES AND SYSTEMS FOR BASE OIL PRODUCTION FROM LIGHT FEEDSTOCK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C10G 45/58 :61/359,678 :29/06/2010 :U.S.A. :PCT/US2010/041749 :24/06/2011 :WO 2012/005976 :NA	(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. (72)Name of Inventor: 1)KRISHNA, KAMALA 2)LEI, GAUN-DAO
	:NA :NA	Z)LEI, GAUN-DAU
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Processes and catalyst systems are provided for dewaxing a light hydrocarbon feedstock to form a lubricant base oil. A layered catalyst system of the present invention may comprise a first hydroisomerization dewaxing catalyst disposed upstream from a second hydroisomerization dewaxing catalyst. Each of the first and second hydroisomerization dewaxing catalysts may be selective for the isomerization of n-paraffins. The first hydroisomerization catalyst may have a higher level of selectivity for the isomerization of n-paraffins than the second hydroisomerization dewaxing catalyst.



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

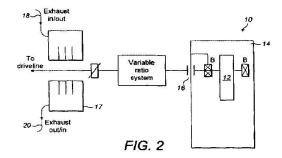
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ENERGY CONTROL

(51) International classification	:H01M 2/20	(71)Name of Applicant:
(31) Priority Document No	:0918386.4	1)RICARDO UK LIMITED
(32) Priority Date	:20/10/2009	Address of Applicant :SHOREHAM TECHNICAL CENTRE,
(33) Name of priority country	:U.K.	OLD SHOREHAM ROAD, SHOREHAM-BY-SEA WEST
(86) International Application No	:PCT/EP2010/065791	SUSSEX, BN43 5FG UNITED KINGDOM U.K.
Filing Date	:20/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/048141	1)ATKINS, ANDREW FARQUHAR
(61) Patent of Addition to Application	:NA	2)WHEALS, JONATHAN CHARLES
Number	:NA	3)SHEPHERD, SIMON TIMOTHY
Filing Date	.11/1	4)DALBY, JOSHUA JONATHAN
(62) Divisional to Application Number	:NA	5)COOPER, BRIAN GORMAN
Filing Date	:NA	6)STOKES, JOHN

(57) Abstract:

An energy storage apparatus is provided comprising a flywheel having at least one input. According to an aspect, the flywheel input is arranged, in use, to supply energy to the flywheel, wherein that energy has been recovered from engine exhaust gas. According to another aspect, an apparatus is provided comprising a charge boosting device arranged, in use, to provide inlet pressure boost to an engine. The apparatus further comprises a flywheel wherein said flywheel is arranged to supply energy to drive operation of the charge boosting device.



No. of Pages: 56 No. of Claims: 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3980/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ENGINE EXHAUST PURIFICATION DEVICE

(57) Abstract:

The disclosed embodiment enables a series of chemical reactions relating to urea SCR to be efficiently performed within a filter. In an exhaust filter capable of filtering particulates from the exhaust a urea hydrolysis catalyst is supported on a first portion of an inner wall of a cell passage on an inlet side (inlet-side passage) and a first NOx reducing catalyst is supported on a second portion of the inner wall of the inlet-side passage downstream of the first portion. Moreover a second NOx reducing catalyst is supported on a third portion of an inner wall of a cell passage on an outlet side (outlet-side passage) where the third portion overlaps with the first portion in a direction of intersection with the flow of the exhaust into the exhaust filter or is downstream of the first portion

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

(22) Date of filing of Application :05/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : ANTIFOULING COATING COMPOSITION, ANTIFOULING FILM, COMPOSITE FILM, AND INWATER 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 	:08/10/2010 :WO 2011/046086 :NA :NA :NA	(71)Name of Applicant: 1)NIPPON PAINT MARINE COATINGS CO. LTD. Address of Applicant: 1-26 Komagabayashiminamicho Nagata-ku Kobe-shi Hyogo 653-0045 Japan. Japan (72)Name of Inventor: 1)Ryo EHARA 2)Haruyasu MINAMI 3)Soichiro TOMIYAMA
Filing Date	:NA	

(57) Abstract:

Provided are an antifouling coating composition that contains: a hydrolyzable resin having a specific silicon-containing group and a metal-atom-containing group containing a divalent metal atom M; and a thermoplastic resin and/or a plasticizer wherein the total content of the thermoplastic resin and/or plasticizer per 100 parts by mass of the hydrolyzable resin is 3 to 100 parts by mass an antifouling film a composite film and an in-water structure such as a ship using the antifouling coating composition. The antifouling coating composition makes it possible to form a coating film that is excellent in crack resistance and exhibits a good antifouling property over a long period of time even when no antifouling agent is contained or the blending amount thereof is small.

No. of Pages: 78 No. of Claims: 14

(22) Date of filing of Application :05/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: OVERMOLDED LED LIGHT ASSEMBLY AND METHOD OF MANUFACTURE

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:61/254,127	1)THERMAL SOLUTION RESOURCES LLC
(32) Priority Date	:22/10/2009	Address of Applicant :91 Point Judith Road Suite 123
(33) Name of priority country	:U.S.A.	Narragansett RI 02882 United States of America U.S.A.
(86) International Application No	:PCT/US2010/053721	(72)Name of Inventor:
Filing Date	:22/10/2010	1)E. Mikhail SAGAL
(87) International Publication No	:WO 2011/050256	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one aspect an LED lighting apparatus includes an electronic circuit board having a peripheral portion and a central portion that is radially inward of said peripheral portion said electronic circuit board having an exterior side for optically interfacing with ambient environment during operation and an interior side opposite the exterior side. At least one LED is mounted on the exterior side of the electronic circuit board central portion and a thermally conductive housing encloses said electronic circuit board said thermally conductive housing formed of a moldable thermally conductive material. The thermally conductive housing defines a first cavity adjacent the central portion of the electronic circuit board exterior side and a second cavity adjacent the central portion of the electronic circuit board interior side wherein a portion of said thermally conductive housing being overmolded onto said peripheral portion.

No. of Pages: 38 No. of Claims: 27

(22) Date of filing of Application :24/04/2012

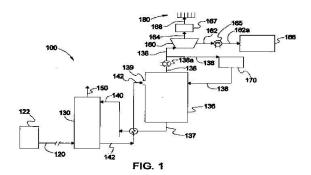
(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CAPTURING AND UTILIZING ENERGY GENERATED IN A FLUE GAS STREAM PROCESSING SYSTEM

(51) International classification	:B01D 53/14	(71)Name of Applicant :
(31) Priority Document No	:61/245,436	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:24/09/2009	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(33) Name of priority country	:U.S.A.	BADEN, SWITZERLAND Switzerland
(86) International Application No	:PCT/US2010/048840	(72)Name of Inventor:
Filing Date	:15/09/2010	1)DUBE SANJAY KUMAR
(87) International Publication No	:WO 2011/037788	2)GLEITZ, STEPHEN H.
(61) Patent of Addition to Application	.NY A	3)KOZAK, FREDERIC Z.
Number	:NA	4)MURASKIN, DAVID J.
Filing Date	:NA	5)RAINES, THOMAS S.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and process for utilizing energy generated within a flue gas processing system (100). The process includes subjecting a carbon dioxide loaded solution (142) to pressure in a regeneration system (136), thereby removing carbon dioxide from the carbon dioxide loaded solution (142) and generating a high pressure carbon dioxide stream (138). At least a portion of the high pressure carbon dioxide stream (138) is introduced to an expansion turbine (160), thereby generating energy (164). The energy (164) is utilized to generate power (168).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3559/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: RUBBER COMPOSITION COMPRISING A THIAZOLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:France	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 COURS SABLON, F-63000 CLERMONT-FERRAND, FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)ANNE VEYLAND 2)NICOLAS SEEBOTH 3)JOSE CARLOS ARALJO DA SILVA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	3)JOSE CARLOS ARAUJO DA SILVA

(57) Abstract:

The invention relates to a rubber composition for the manufacture of tyres, based on one or more diene elastomers, on one or more reinforcing fillers and on a vulcanization system, the said vulcanization system comprising one or more thiazole compounds of formula:

No. of Pages: 46 No. of Claims: 16

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: COMPRESSIVE ROD ASSEMBLY FOR MOLTEN METAL CONTAINMENT 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 Filing Date 	:F27D 1/14 :61/283,905 :10/12/2009 :U.S.A. :PCT/CA2010/001937 :08/12/2010 :WO 2011/069250 :NA :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)HYMAS, JASON D. 4)WAGSTAFF, ROBERT, BRUCE 5)WOMACK, RANDY
--	--	---

(57) Abstract:

Exemplary embodiments of the invention relate to a compressive rod assembly for applying force to a refractory vessel positioned within an outer metal casing. The assembly includes a rigid elongated rod having first and second opposed ends, a threaded bolt adjacent to the first opposed end of the elongated rod, and a compressive structure positioned operationally between the elongated rod and the bolt. Compressive force applied by the bolt to the elongated rod passes through the compressive structure which allows limited longitudinal movements of the elongated rod to be accommodated by the compressive structure without requiring corresponding longitudinal movements of the bolt. Exemplary embodiments also relate to rod structure forming a component of the assembly, and to a metal containment structure having a vessel supported and compressed by at least one such assembly.

No. of Pages: 25 No. of Claims: 47

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: INCLINATION ADJUSTER FOR VEHICLE SEATS

(51) International classification	:B60N 2/225	(71)Name of Applicant:
(31) Priority Document No	:10 2009 052 512.2	1)JOHNSON CONTROLS GMBH
(32) Priority Date	:11/11/2009	Address of Applicant :INDUSTRIESTRASSE 20-30, 51399
(33) Name of priority country	:Germany	BURSCHEID, GERMANY Germany
(86) International Application No	:PCT/EP2010/006707	(72)Name of Inventor:
Filing Date	:04/11/2010	1)MARTIN ZYNDA
(87) International Publication No	:WO 2011/057735	2)CORNEL LABUWY
(61) Patent of Addition to Application	:NA	3)MICHAEL MOOG
Number	:NA	4)HOLGER FINNER
Filing Date	.1171	5)INGO KIENKE
(62) Divisional to Application Number	:NA	6)ALBERT REGINOLD KIRBUHARAN
Filing Date	:NA	

(57) Abstract:

The invention relates to a vehicle seat, in particular a motor vehicle seat, comprising an inclination adjustment fit-ting (1), a backrest part, and a seat part. The inclination adjustment fitting (1) has a first toothed element (3) and a second toothed element (2). The backrest part has a first main structural element (10), and the seat part has a second main structural element (20). The inclination adjustment fitting (1) has an adjusting mechanism (5) and/or a detent for adjusting the inclination of the first main structural element (10) relative to the second main structural element (20) about a rotational axis, wherein the first toothed element (3) is directly connected to the first main structural element (10), and/or the second toothed element (2) is directly connected to the second main structural element (20).

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CLIP ADVANCER WITH LOCKOUT MECHANISM

(51) International classification	:A61B 17/128	(71)Name of Applicant:
(31) Priority Document No	:12/576,736	1)ETHICON ENDO-SURGERY, INC
(32) Priority Date	:09/10/2009	Address of Applicant :4545, CREEK ROAD, CINCINNATI,
(33) Name of priority country	:U.S.A.	OH 45242, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/051314	(72)Name of Inventor:
Filing Date	:04/10/2010	1)ANTHONY T. NGUYEN
(87) International Publication No	:WO 2011/044039	2)DENZEL Z. HERRERA-DAVIS
(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 surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one embodiment, a surgical clip applier is provided and can include a housing having a trigger movably coupled thereto and an elongate shaft extending therefrom with opposed jaws formed on a distal end thereof. The clip applier can include an advancer assembly disposed within the elongate shaft and configured to advance one of a plurality of clips disposed within the elongate shaft into the opposed jaws. A feeder shoe can be disposed within the elongate shaft and can be configured to engage and prevent the advancer assembly from moving to a proximal position after the advancer assembly has moved to a distal position to advance a proximal-most clip into the opposed jaws. This can indicate to a user that a clip supply of the surgical clip applier is depleted.

No. of Pages: 120 No. of Claims: 22

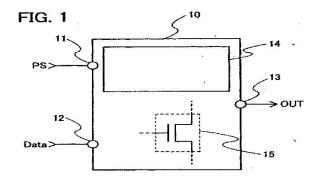
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: LOGIC CIRCUIT AND SEMICONDUCTOR DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H03K 19/096 :2009-250415 :30/10/2009 :Japan :PCT/JP2010/067996 :06/10/2010 :WO 2011/052383 :NA :NA	(71)Name of Applicant: 1)SEMICONDUCTOR ENERGY LABORATORY CO., LTD. Address of Applicant: 398, HASE, ATSUGI-SHI, KANAGAWA-KEN, 243-0036 JAPAN Japan (72)Name of Inventor: 1)YUTAKA SHIONOIRI 2)HIDETOMO KOBAYASHI
- 10	:NA :NA :NA	

(57) Abstract:

In a logic circuit where clock gating is performed, the standby power is reduced or malfunction is suppressed. The logic circuit includes a transistor which is in an off state where a potential difference exists between a source terminal and a drain terminal over a period during which a clock signal is not supplied. A channel formation region of the transistor is formed using an oxide semiconductor in which the hydrogen concentration is reduced. Specifically, the hydrogen concentration of the oxide semiconductor is 5xl019 (atoms/cm3) or lower. Thus, leakage current of the transistor can be reduced. As a result, in the logic circuit, reduction in standby power and suppression of malfunction can be achieved.



No. of Pages: 141 No. of Claims: 18

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RAPID ASSEMBLY FLANGE JOINT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:F16L 23/00 :2009144014 :20/11/2009 :Russia :PCT/RU2010/000559 :06/10/2010 :WO 2011/062519 :NA	(71)Name of Applicant: 1)ELECTROPHOR, INC. Address of Applicant: 145 PALISADE STREET, DOBBS FERRY, NY 10522, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SERGEY VIKTOROVICH SMIRNOV 2)VADIM NIKOLAEVICH KNIZEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to flange joint devices. The rapid assembly flange joint consists of a connecting device in the form of a constricting collar made up of at least two parts with a shaped groove on the concave face, said channel corresponding to the cross-section of the two coupled flanges of the members that are being connected, and clamping elements in the form of retaining sections on the flanges. The connecting device is provided with fasteners in the form of walls; the retaining sections are in the form of grooves, the width of which is not less than the thickness of the one or two fasteners that engage therewith. The number of grooves is not less than the number of component parts of the connecting device. The invention provides for a reliable connection between flanged cylindrical members without the need for additional fastening and clamping elements and without increasing the sizes of the connection point.

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

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : SURGICAL STAPLER FOR APPLYING A LARGE STAPLE THROUGH A SMALL DELIVERY PORT AND A METHOD OF USING THE STAPLER TO SECURE A TISSUE FOLD

(51) International classification	:A61B 17/064	(71)Name of Applicant :
(31) Priority Document No	:12/608,860	1)ETHICON ENDO-SURGERY, INC
(32) Priority Date	:29/10/2009	Address of Applicant :4545, CREEK ROAD, CINCINNATI,
(33) Name of priority country	:U.S.A.	OH 45242, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/053736	(72)Name of Inventor:
Filing Date	:22/10/2010	1)JASON L. HARRIS
(87) International Publication No	:WO 2011/059666	2)LAWRENCE CRAINICH
(61) Patent of Addition to Application	:NA	3)MICHAEL J. STOKES
Number	:NA	4)MARK S. ZEINER
Filing Date	.IVA	5)DARRELL M POWELL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

(57) Abstract:

A method of deploying a surgical fastener into a patient by introducing the fastener into a body of a patient while the fastener is in a first shape having a first loop with a back span and an original size and shape. The method then involves moving end segments of the fastener away from each other substantially along an entire length thereof while keeping the back span in substantially its original size and shape. The method then involves forming the fastener into a second loop having a width greater than a width of the first loop.

No. of Pages: 99 No. of Claims: 10

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR PREPARING CONJUGATED DIENE PHOSPHONATE 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 	:C07F 9/40 :NA :NA :NA :NA :PCT/CN2009/074726 :30/10/2009 :WO 2011/050533 :NA :NA :NA	(71)Name of Applicant: 1)RHODIA (CHINA) CO., LTD. Address of Applicant: NO. 3966, JIN DU ROAD, XINZHUANG INDUSTRIAL ZONE, SHANGHAI 201108, CHINA China (72)Name of Inventor: 1)LIU, ZHAOQING 2)DE CAMPO, FLORYAN
---	---	--

(57) Abstract:

This invention relates to a method for preparing conjugated diene phosphonate compounds with high reactivity, which can be used to prepare a variety of phosphonate-bearing conjugated dienes. Some of those dienes will become reactive monomers to make performance polymers and co-polymers. The method of the present invention comprises the step of reacting α ,- or , γ unsaturated ketones or aldehydes with phosphorous acid or its derivates optionally in a mixture of acetic anhydride and/or acetic acid, to obtain a conjugated diene phosphonate compound having the formula III.

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: STAVE, BLAST FURNACE, AND BLAST FURNACE OPERATION 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 	:19/11/2010 :WO 2011/062261	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN Japan (72)Name of Inventor: 1)KUNIYOSHI ANAN 2)TOSHIYUKI CHUMAN
Filing Date (87) International Publication No	:19/11/2010	(72)Name of Inventor: 1)KUNIYOSHI ANAN

(57) Abstract:

The disclosed stave is provided in an inner circumference of each of a bosh section and a belly section of a blast furnace. The stave includes a copper or copper-alloy stave body which has a reference surface facing an internal space of the blast furnace, and a plurality of protrusions which protrude from the reference surface toward an inside of the blast furnace.

No. of Pages: 60 No. of Claims: 11

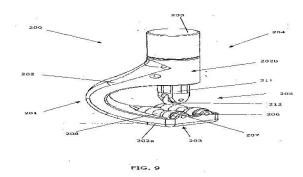
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CABLE STRIPPING TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H02G 1/12 :NA :NA :NA :PCT/GB2009/002307 :25/09/2009 :WO 2011/036427 :NA :NA	(71)Name of Applicant: 1)MARTIN JOSEPH JOHN BARRETT Address of Applicant: 10 BROOKMANS AVENUE, QUINTON, BIRMINGHAM B32 2SL, UNITED KINGDOM U.K. (72)Name of Inventor: 1)MARTIN JOSEPH JOHN BARRETT
1 (01110 01	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cable stripping tool 200 having a body 201 which comprises an arm 202, a cable mounting portion 203 and a blade assembly 205 that is movable between a retracted position and an engaging position, the cable mounting portion 203 comprises means having first and second cable mounting axes, wherein the arm 202 extends from the cable mounting portion 203 in a direction between the first and second mounting axes.



No. of Pages: 36 No. of Claims: 24

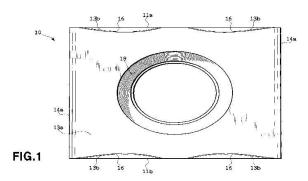
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CUTTING INSERT AND CUTTING TOOL

(51) International classification	:B23B 27/14	(71)Name of Applicant:
(31) Priority Document No	:2009-264603	1)TUNGALOY CORPORATION
(32) Priority Date	:20/11/2009	Address of Applicant :11-1, YOSHIMA-KOGYODANCHI,
(33) Name of priority country	:Japan	IWAKI-SHI, FUKUSHIMA 9701144, JAPAN Japan
(86) International Application No	:PCT/JP2010/070626	(72)Name of Inventor:
Filing Date	:18/11/2010	1)KAZUYUKI UNO
(87) International Publication No	:WO 2011/062245	2)NAOTO NISHIYA
(61) Patent of Addition to Application	:NA	3)KOUICHI FURUYA
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the cutting insert (10) according to the present invention, shaped like a substantially polygonal shape, a groove (16) is formed in a corner portion (12) of one polygonal surface, and at an intersecting portion between a leading cutting edge (13b) and an peripheral cutting edge (14b) formed at intersecting portions of side surfaces adjacent to each other across the corner portion (12), a minor cutting edge (15b) is formed. Of the groove (16), in an area concerning the leading cutting edge and the minor cutting edge, a rake face (17) including a downward inclined surface (16a) is formed. An angle between a direction M of maximum inclination of the downward inclined surface and the leading cutting edge is larger than an angle between the direction M and the minor cutting edge.



No. of Pages: 39 No. of Claims: 5

(21) Application No.3989/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (

(43) Publication Date: 30/10/2015

(54) Title of the invention: PROBIOTIC 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/IE2010/000066	2)THE PROCTER & GAMBLE COMPANY
Filing Date	:11/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/058535	1)O'MAHONY, LIAM
(61) Patent of Addition to Application	:NA	2)KIELY, BARRY
Number	:NA	3)CRYAN, JOHN FRANCIS
Filing Date	.11/1	4)DINAN, TIMOTHY
(62) Divisional to Application Number	:NA	5)MURPHY, EILEEN FRANCES
Filing Date	:NA	

(57) Abstract:

Probiotic Bifidobacterium strain AH 1714 is significantly immunomodulatory following oral consumption. The strain is useful as an immunomodulatory biotherapeutic agent.

No. of Pages: 54 No. of Claims: 38

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN APPARATUS FOR GENERATING HEAT

(51) International classification	:F24J 1/00	(71)Name of Applicant :
(31) Priority Document No	:0917546.4	1)COLLINS, MARK
(32) Priority Date	:07/10/2009	Address of Applicant :P.O.BOX 133, ETCHINGHAM, EAST
(33) Name of priority country	:U.K.	SUSSEX TN 19 7ZJ, U.K. U.K.
(86) International Application No	:PCT/GB2010/001884	(72)Name of Inventor:
Filing Date	:07/10/2010	1)COLLINS, MARK
(87) International Publication No	:WO 2011/042702	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides an apparatus for heating a liquid, which apparatus comprises: a mixing chamber; dispensing means for dispensing metered amounts of first and second chemical reactants into the mixing chamber to form a reaction mixture so that the chemical reactants undergo an exothermic chemical reaction to generate heat and one or more reaction products; an electronic control device linked to the dispensing means for controlling the dispensing of the metered amounts of first and second chemical reactants; one or more pumps for moving the chemical reactants and reaction mixture around the apparatus; a heat exchanger having an inlet and an outlet for the reaction mixture and an inlet and an outlet for the said liquid, so that when said liquid passes through the heat exchanger it is heated by heat transfer from the reaction mixture; one or more monitoring stations for monitoring one or more physical or chemical parameters of the reaction mixture; the monitoring stations being arranged to communicate with the electronic control device; and a waste outlet for removing spent reaction mixture from the apparatus; wherein the mixing chamber, heat exchanger and the one or more monitoring stations are connected so as to form a loop; and wherein the electronic control device is programmed to cause the reaction mixture to be circulated around the loop at least twice, and optionally to cause the dispensing means to dispense further metered amounts of first and/or second chemical reactants into the mixing chamber; and/or to cause a proportion of the reaction mixture to be ejected through the waste outlet, in order to control the temperature of the reaction mixture passing through the heat exchanger.

No. of Pages: 39 No. of Claims: 41

(21) Application No.3480/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ACRYLIC POLYMER

(51) International classification	:C08F 220/18	(71)Name of Applicant :
(31) Priority Document No	:09176064.5	1)DSM IP ASSETS B.V.
(32) Priority Date	:16/11/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE
(33) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/065744	1)GEEL-VAN, JOS
Filing Date	:19/10/2010	2)WEBER, DIRK
(87) International Publication No	:WO 2011/057882	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to acrylic polymer beads having very low residual monomer content as well as to their use in hair care preparations in particular as styling agent.

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

(21) Application No.3574/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012 (43) Publication Date: 30/10/2015

:20/06/2007

(54) Title of the invention: METHOD FOR DETECTING EARTH-FAULT CONDITIONS AND A MOTOR CONTROLLER **THEREFOR**

(51) International classification :H02H 7/122 (31) Priority Document No :PCT/DK2004/000920 (32) Priority Date :27/12/2004

(33) Name of priority country :PCT

(86) International Application No :PCT/DK2004/000920 (72)Name of Inventor : Filing Date :27/12/2004

(87) International Publication No :WO 2006/069568

(61) Patent of Addition to Application :NA Number

:NA Filing Date :4769/DELNP/2007

(62) Divisional to Application Number Filed on

(71)Name of Applicant: 1)DANFOSS DRIVES A/S

Address of Applicant: ULSNAES 1, DK-6300 GRAASTEN,

DENMARK Denmark

1) ANDERSEN, HENRIK, ROSENDAL

(57) Abstract:

The present invention relates to a method for determining the existence of an earth-fault onthe-fly and thereby protecting a motor controller having a high-and -a low-side DC-link, and having high- and low-side switching elements, the high- and low-side switching elements being operatively connected to the high- and low-side DC-link buses, respectively, the method comprising the steps of generating a fault signal, generating at least one test vector in response to the fault signal by switching at least one of the switching elements on, and measuring, while the at least one switching element is on, the magnitude of a current flowing in that DC-link operatively connected to the conducting switching element in order to detect an earth-fault. The present invention further relates to additional methods for on-the-fly determination of earth-faults.

No. of Pages: 22 No. of Claims: 5

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: N-SUBSTITUTED ACRYLAMIDES, PREPARATION METHOD AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07F 9/44 :NA :NA :NA :NA :PCT/CN2009/074727 :30/10/2009 :WO 2011/050534 :NA :NA :NA	(71)Name of Applicant: 1)RHODIA (CHINA) CO., LTD. Address of Applicant: NO. 3966, JIN DU ROAD, XINZHUANG INDUSTRIAL ZONE, SHANGHAI 201108, CHINA China (72)Name of Inventor: 1)LIU, ZHAOQING 2)DE CAMPO, FLORYAN
--	---	--

(57) Abstract:

This invention relates to new monomers prepared from phosphorus-containing diene monomers and (meth)acrylonitrile via Ritter reactions, and the preparation method thereof. The polymer of these monomers can be utilized in various applications such as water treatment, rheology modifier, surface modification, etc. The monomers have the following structure II, Wherein R1 R2, R3, R4, R5, R6 and R7 represent, independently, hydrogen, alkyl, aryl, alkaryl, aralkyl, cycloalkyl, heterocycloalkyl, or alkenyl groups; R6 and R7 represents R9O, and R10 respectively wherein R9 and R10 represents hydrogen, alkyl, aryl, alkaryl, aralkyl, cycloalkyl, alkenyl groups, or metals selected from the group consisting of Na, Li, Ca; R8 represents H, or CH3.

No. of Pages: 16 No. of Claims: 32

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : CONJUGATED DIENE PHOSPHINATE COMPOUNDS, PREPARATION METHOD AND USE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07F 9/32 :NA :NA :NA :NA :PCT/CN2009/074730 :30/10/2009 :WO 2011/050537 :NA :NA :NA	(71)Name of Applicant: 1)RHODIA (CHINA) CO., LTD. Address of Applicant: NO. 3966, JIN DU ROAD, XINZHUANG INDUSTRIAL ZONE, SHANGHAI 201108, CHINA China (72)Name of Inventor: 1)LIU, ZHAOQING 2)DE CAMPO, FLORYAN
--	---	--

(57) Abstract:

This invention relates to conjugated diene phosphinate compounds for making halogen free phosphinate-containing flame retardants, inimer and metal extractants, method for preparing said compounds from unsaturated ketones or aldehydes, and the use thereof. The compounds of the present invention having the following formula III, wherein R1, R2, R3, R4, R5 and R6, represent, independently, hydrogen, alkyl, aryl, alkaryl, aralkyl, cycloalkyl, heterocycloalkyl, or alkenyl groups; R7 represents hydrogen, alkyl, aryl, alkaryl, aralkyl, cycloalkyl, alkenyl groups, or metals selected from the group consisting of Na, Li, Ca.

No. of Pages: 24 No. of Claims: 31

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: EXHAUST PURIFICATION SYSTEM OF INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/08/2011 :WO 2013/031027 :NA :NA	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, TOYOTACHO, TOYOTA-SHI, AICHI 471-8571, JAPAN. Japan (72)Name of Inventor: 1)BISAIJI YUKI 2)YOSHIDA KOHEI 3)INOUE MIKIO
Filing Date	:NA	

(57) Abstract:

An exhaust purification system of an internal combustion engine is provided with an exhaust purification catalyst where NOX which is contained in . exhaust gas and modified hydrocarbons react. The exhaust purification catalyst carries precious metal catalysts and is formed with a basic exhaust gas flow surface part. The exhaust purification catalyst has the property of reducing NOX if making the concentration of hydrocarbons which flow into the exhaust purification catalyst vibrate by within a predetermined range of amplitude and within a predetermined range of period. The system estimates the holding ability by which the NOX in the exhaust gas is held on the basic exhaust gas flow surface part of the exhaust purification catalyst and, when the holding ability becomes less than a predetermined judgment value of the holding ability, makes the concentration of hydrocarbons which flow into the exhaust purification catalyst rise.

No. of Pages: 72 No. of Claims: 12

(21) Application No.3553/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF SORABFENIB TOSYLATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 213/18 :2007/DEL/2009 :24/09/2009 :India :PCT/IB2010/054323 :24/09/2009 :WO 2011/036647 :NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant:12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India (72)Name of Inventor: 1)JAGDEV SINGH JARYAL 2)SWARGAM SATHYANARAYANA 3)RAJESH KUMAR THAPER 4)MOHAN PRASAD
--	---	---

(57) Abstract:

The present invention provides a process for the preparation of sorafenib tosylate.

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

(21) Application No.3996/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: INTERLOCKING TUBING CLAMPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61M 25/06 :12/615,705 :10/11/2009 :U.S.A. :PCT/US2010/055982 :09/11/2010 :WO 2011/059962 :NA :NA	(71)Name of Applicant: 1)BAXTER INTERNATIONAL INC. Address of Applicant: ONE BAXTER PARKWAY, DEERFIELD, ILLINOIS 60015, U.S.A. U.S.A. 2)BAXTER HEALTHCARE S.A. (72)Name of Inventor: 1)PATRICK BALTEAU
- 10	:NA :NA :NA	

(57) Abstract:

A tube clamp includes (i) a tube holding portion; (ii) a first arm extending from a first end of the tube holding portion; (iii) a second arm extending from a second end of the tube holding portion, the second armed curved so that a first catch located at a distal end of the second arm can be snap-fitted to the first arm to occlude a first tube extending through the tube holding portion; and (iv) wherein the first arm includes a locking feature configured such that when a second tube clamp is mated with the rube clamp, the locking feature interacts with a second catch of the second tube clamp so that the second tube clamp is prevented from occluding a second tube.

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

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: ASSEMBLY FOR PRODUCING A THREADED CONNECTION, METHOD FOR MAKING UP AND BREAKING OUT CONNECTION AND USE OF SAID CONNECTION IN A WORK OVER RISER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:E21B 17/043 :0905713 :27/11/2009 :France :PCT/EP2010/007092 :23/11/2010 :WO 2011/063931 :NA	(71)Name of Applicant: 1)VALLOUREC MANNESMANN OIL & GAS FRANCE Address of Applicant:54, RUE ANATOLE FRANCE, F- 59620 AULNOYE-AYMERIES, FRANCE. France 2)SUMITOMO METAL INDUSTRIES, LTD. (72)Name of Inventor: 1)GUILLAUME COEFFE
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention concerns an assembly for producing a threaded connection, comprising a first and a second tabular component with an axis of revolution (4), each being provided at one of its ends (1; 3) with a male threaded zone (10; 30) pro-duced on the external circumferential surface, said ends (1; 3) each finishing in a terminal surface (15; 35) comprising means (14; 34) together forming a direct drive dog clutch device in order to fix the first and second tubular components in rotation, and com-prising a third tubular component which also has an axis of revolution (4) and is provided at each of its ends (2, 2) on its internal circumferential surface with two female threaded zones (20, 20), one of the two male threaded zones (10; 30) being capable of co¬operating on makeup with one of the two female threaded zones (20, 20) while the other male threaded zone can co-operate on makeup with the other female threaded zone, characterized in that the male end (1) of the first tubular component as well as the corresponding female end (2) of the third tubular component comprises means for free rotation (11,21) such that at the end of makeup of said male threaded zone (10) into said female threaded zone (20), the tubular components carrying said male and fe¬male threaded zones are freely rotational with res ect to each other.

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

(21) Application No.3998/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: THREADED CONNECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16L 15/06 :09/05756 :30/11/2009 :France :PCT/EP2010/007191 :26/11/2010 :WO 2011/063976 :NA :NA	(71)Name of Applicant: 1)VALLOUREC MANNESMANN OIL & GAS FRANCE Address of Applicant:54 RUE ANATOLE FRANCE, F- 59620 AULNOYE-AYMERIES, FRANCE France 2)SUMITOMO METAL INDUSTRIES, LTD. (72)Name of Inventor: 1)BERTRAND MAILLON 2)PIERRE MARTIN 3)JEROME DURIVAULT
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A threaded connection (1) used in the exploration and operation of hydrocarbon wells comprises a first and a sec¬ond tubular component, the first component comprising a male end (3) comprising a threaded zone (5) disposed on its external pe¬ripheral surface, the second component comprising a female end (2) comprising a threaded zone (4) disposed on its internal pe¬ripheral surface, the threaded zone (5) of the male end being threaded up into the threaded zone (4) of the female end, the threaded zones comprising respective male and female threads (40, 50), the threads (40, 50) comprising a root, a crest, a stabbing flank and a load flank, a groove being provided in the load flank of the threaded zone (40) of the female end and/or the male end respective¬ly, adjacent to the root, and a boss being provided which projects axially from the load flank of the threaded zone (50) of the male end and/or respectively from the female end adjacent to the crest, the boss comprising a convex surface and a concave surface, the boss being housed in the groove with, in the connected state, a radial clearance subsisting between the concave surface and the groove and an axial clearance subsisting between the end of the boss and the bottom of the groove.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HOT-ROLLED STEEL BAR OR WIRE ROD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C 38/00 :2009-253742 :05/11/2009 :Japan :PCT/JP2010/068897 :26/10/2010 :WO 2011/055651 :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071 JAPAN, Japan (72)Name of Inventor: 1)DAITOH, YOSHIHIRO 2)KITO, AKIRA 3)NAKAMURA, TAKAYUKI
--	--	---

(57) Abstract:

A hot-rolled steel bar or wire rod consisting of C: 0.1 to 0.3%, Si: 0.05 to 1.5%, Mn: 0.4 to 2.0%, S: 0.003 to 0.05%, Cr: 0.5 to 3.0%, Al: 0.02 to 0.05%, and N: 0.010 to 0.025%, the balance being Fe and impurities, and the impurities containing P: 0.025% or less, Ti: 0.003% or less, and O: 0.002% or less, wherein the structure thereof is composed of a ferrite-pearlite structure, ferrite-pearlite-bainite structure, or ferrite-bainite structure; the standard deviating of ferrite fractions at the time when randomly selected 15 viewing fields of a transverse cross section are observed and measured with the area per one viewing field being $62,500~\mu\text{m}2$ is 0.10 or less; and in a region from the surface to one-fifth of the radius and a region from the center to on-fifth of the radius in the transverse cross section, the amount of Al precipitating as AlN is 0.005% or less, and the density in terms of the number of AlN having a diameter of 100nm or larger is $5/100~\mu\text{m}2$ or less. In the hot-rolled steel bar or wire rod, even if hot forging is performed in various temperature ranges, austenite grains can be stably prevented from being coarsened at the time of heating for carburization.

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

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD OF TREATING PROLIFERATIVE DISORDERS AND OTHER PATHOLOGICAL CONDITIONS MEDIATED BY BCR-ABL, C-KIT, DDR1, DDR2 OR PDGF-R KINASE 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 31/506 :61/261,812 :17/11/2009 :U.S.A. :PCT/US2010/056926 :17/11/2010 :WO 2011/062927 :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)GALLAGHER NEIL 2)YIN OPHELIA
--	--	--

(57) Abstract:

The present invention relates to a regimen for the administration of a pyrimidyl-aminobenzamide of formula I wherein the radicals as defined herein, or of a pharmaceutically acceptable salt thereof, for the treatment of proliferative disorders, particularly solid and liquid tumors, and other pathological conditions mediated by the Bcr-Abl oncoprotein, the cell transmembrane tyrosine kinase receptor c-Kit, DDR1 (discoidin domain receptor 1), DDR2 (discoidin domain receptor 2) or PDGF-R (platelet derived growth factor receptor) kinase activity, wherein the pyrimidylaminobenzamide of formula I and, optionally, pharmaceutically acceptable carriers, are dispersed in a fruit preparation.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AMIDOACETONITRILE COMPOUNDS HAVING A PESTICIDAL 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 	:22/11/2010 :WO 2011/061326 :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)GOEBEL THOMAS 2)GAUVRY NOELLE 3)SAGER HEINZ
Filing Date	:NA	

(57) Abstract:

The invention relates to compounds of the general formula (I), wherein the variable have the meanings as indicated in the claims, and optionally the enantiomers thereof. The active ingredients have advantageous pesticidal properties. They are especially suitable for controlling endoparasites on warm-blooded animals.

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FLOW BATTERY WITH INTERDIGITATED FLOW FIELD

Filing Date :18/12/2	1)UNITED TECHNOLOGIES CORPORATION Address of Applicant :ONE FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06103, U.S.A. U.S.A. (72)Name of Inventor:
----------------------	---

(57) Abstract:

A flow battery includes a first liquid-porous electrode, a second liquid-porous electrode spaced apart from the first liquid-porous electrode, and an ion-exchange membrane arranged between the first liquid-porous electrode and the second liquid-porous electrode. First and second flow fields are adjacent to the respective first liquid-porous electrode and second liquid-porous electrode. Each of the flow fields includes first channels having at least partially blocked outlets and second channels having at least partially blocked inlets. The second channels are interdigitated with the first channels. The flow fields provide a configuration and method of operation for relatively thin electrodes with moderate pressure drops and forced convective flow through the liquid-porous electrodes.

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

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PYRAZINONE THROMBIN INHIBITOR AND ITS INTERMEDIATES

(51) International classification	:A01N 57/00	(71)Name of Applicant:
(31) Priority Document No	:2663/CHE/2009	1)DIAKRON PHARMACEUTICALS, INC
(32) Priority Date	:03/11/2009	Address of Applicant :P.O. BOX 748, MORRIS PLAINS, NJ
(33) Name of priority country	:India	07950, U.S.A U.S.A.
(86) International Application No	:PCT/US2010/055176	(72)Name of Inventor:
Filing Date	:02/11/2010	1)REDDY, REGURI, BUCHI
(87) International Publication No	:WO 2011/056806	2)SAMPATHKUMAR, UPPARAPALLI
(61) Patent of Addition to Application	:NA	3)SAHU, NILAM
Number		4)RAO, JAVVAJI, KARUNAKARA
Filing Date	:NA	5)REDDY, GADE, BRAHMA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An improved process for the preparation of 3-fruoro-2-pyridylmethyl-3-(2,2- difiuoro-2-(2-pyridyl)ethylamino)-6-chloropyrazin-2-one-1 -acetamide and its intermediates.

No. of Pages: 21 No. of Claims: 17

(22) Date of filing of Application :24/04/2012 (43)

(43) Publication Date : 30/10/2015

(54) Title of the invention : A SPRAY PROCESS FOR THE RECOVERY OF CO2 FROM A GAS STREAM AND A RELATED APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D 53/14 :12/609454 :30/10/2009 :U.S.A. :PCT/US2010/037691 :08/06/2010 :WO 2011/053390 :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)SOLOVEICHIK, GRIGORII LEV 2)PERRY, ROBERT JAMES 3)WOOD, BENJAMIN RUE 4)GENOVESE, SARAH ELIZABETH
--	--	---

(57) Abstract:

A method for recovering carbon dioxide (CO2) from a gas stream is disclosed. The method includes the step of reacting CO2 in the gas stream with fine droplets of a liquid absorbent, so as to form a solid material in which the CO2 is bound. The solid material is then transported to a desorption site, where it is heated, to release substantially pure CO2 gas. The CO2 gas can then be collected and used or transported in any desired way. A related apparatus for recovering carbon dioxide (CO2) from a gas stream is also described herein.

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

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : DIMETHYL SULFOXIDE (DMSO) OR DMSO AND METHYLSULFONYLMETHANE (MSM) FORMULATIONS TO TREAT INFECTIOUS DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:29/10/2010 :WO 2011/053875 :NA :NA	(71)Name of Applicant: 1)ABELA PHARMACEUTICALS, INC. Address of Applicant:21581 MIDCREST DRIVE LAKE FOREST, CA 92630, U.S.A. U.S.A. (72)Name of Inventor: 1)COZEAN, COLETTE 2)BENJAMIN, RODNEY 3)KELLER, TONY 4)VARELMAN, JEFF
Filing Date	:NA	
(57) Abstract :		

(57) Abstract:

Embodiments of the invention relate generally to formulations comprising dimethylsulfoxide (DMSO) alone or in combination with methylsulfonylmethane (MSM), and one or more therapeutic agents, and uses of such formulations to treat infectious diseases. In several embodiments, such formulations are effective in treating drug-resistant infectious diseases, for example, drug-resistant tuberculosis.

No. of Pages: 56 No. of Claims: 41

(21) Application No.4000/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: LOCKING SURURE ANCHOR 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 	:10/11/2010 :WO 2011/060022 :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW, INC. Address of Applicant: 1450 BROOKS ROAD, MEMPHIS, TN 38116, U.S.A. U.S.A. (72)Name of Inventor: 1)DAVID A. PAULK 2)RICHARD MARK LUNN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present disclosure relates to an anchor assembly. The anchor assembly includes an anchor including a distal portion and a proximal portion, the anchor defining a cavity and an opening to the cavity; an insertion member disposed within the cavity of the anchor; and a sleeve coupled to the anchor, the sleeve disposed over the proximal portion of the anchor. A delivery device is also disclosed.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HYDROKINETIC ENERGY CONVERSION SYSTEM

(51) International classification	:F03B 17/06	(71)Name of Applicant :
(31) Priority Document No	:61/281,034	1)NOSTRUM ENERGY PTE. LTD.
(32) Priority Date	:12/11/2009	Address of Applicant :24, BOON LAY WAY, #01-73,
(33) Name of priority country	:U.S.A.	TRADEHUB21 609969, SINGAPORE. Singapore
(86) International Application No	:PCT/US2010/056540	(72)Name of Inventor:
Filing Date	:12/11/2010	1)NIRMAL MULYE
(87) International Publication No	:WO 2011/060265	2)SHRIKRISHNA SANE
(61) Patent of Addition to Application	:NA	3)VIJAY SHUKLA
Number	:NA	4)OSANAN L. BARROS NETO
Filing Date		5)VINAYAK MANMADKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A hydrokinetic energy conversion system (HKECS) is provided, comprising design configurations suitable for efficient production of tidal or river in-stream kinetic energy into useful mechanical energy for tasks such as generating electricity or water pumping. The apparatus includes a set of blades with an airfoil cross sectional contour moving on a horizontal or vertical closed loop track, whereby the blades are propelled through the water by a net tangential lift force, rather than drag, to effectively convert the kinetic energy of flowing water to useful power.

No. of Pages: 35 No. of Claims: 46

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TISSUE REPAIR DEVICES

(51) International classification	:A61B 17/04	(71)Name of Applicant:
(31) Priority Document No	:61/259,739	1)SMITH & NEPHEW, INC.
	· · · · · · · · · · · · · · · · · · ·	,
(32) Priority Date	:10/11/2009	Address of Applicant :1450 BROOKS ROAD, MEMPHIS,
(33) Name of priority country	:U.S.A.	TN 38116, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/056107	(72)Name of Inventor:
Filing Date	:10/11/2010	1)LINH TUONG NGUYEN
(87) International Publication No	:WO 2011/059995	2)RICHARD MARK LUNN
(61) Patent of Addition to Application	:NA	3)MARK EDWIN HOUSMAN
Number		4)PAUL STEVEN VINCUILLA
Filing Date	:NA	5)MATTHEW EDWIN KOSKI
\mathcal{E}		,
(62) Divisional to Application Number	:NA	6)ROLAND FRANCIS GHATTURNA
Filing Date	:NA	7)DAVID A PAULK

(57) Abstract:

The present disclosure relates to an anchor assembly. The anchor assembly includes an anchor defining a cavity and an opening to the cavity; and a headless insertion member configured for arrangement within the anchor cavity, the insertion member including a body having a threaded proximal portion, a non-threaded distal portion, and a cannulation extending a partial length of the insertion member. Other anchor assemblies, anchors, and delivery devices are also disclosed.

No. of Pages: 71 No. of Claims: 17

(21) Application No.4003/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMPROVED CLIP ADVANCER

(51) International classification	:A61B 17/128	(71)Name of Applicant:
(31) Priority Document No	:12/576,736	1)ETHICON ENDO-SURGERY, INC.
(32) Priority Date	:09/10/2009	Address of Applicant :4545, CREEK ROAD, CINCINNATI,
(33) Name of priority country	:U.S.A.	OH 45242, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/051305	(72)Name of Inventor:
Filing Date	:04/10/2010	1)ANTHONY T. NGUYEN
(87) International Publication No	:WO 2011/044035	
(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 surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one embodiment, a surgical clip applier is provided and can include a shaft having a proximal end and a distal end with opposed jaws thereon, a guide member disposed within the shaft and configured to guide a clip into the opposed jaws, the guide member having a channel formed in a surface thereof, and an advancer movably disposed within the shaft and configured to advance a clip over the guide member and into the opposed jaws, the advancer having a distal tip that slidably engages the channel for maintaining contact with a surgical clip as it is advanced into the opposed jaws. In other embodiments, the guide member can also include a proximal channel formed in a superior surface thereof. The advancer can be configured to deflect downward into the proximal channel to move proximally beneath an inferior surface of the apex of the clip to position itself proximally to the clip to advance the clip into the opposed jaws.

No. of Pages: 97 No. of Claims: 22

(21) Application No.3583/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

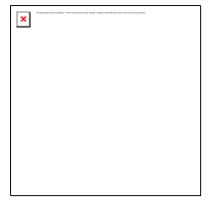
(43) Publication Date: 30/10/2015

(54) Title of the invention: PCSK9 IMMUNOASSAY

(51) International classification	:G01N 33/53	(71)Name of Applicant:
(31) Priority Document No	:61/256,752	1)MERCK SHARP & DOHME CORP.
(32) Priority Date	:30/10/2009	Address of Applicant :126 EAST LINCOLN AVENUE,
(33) Name of priority country	:U.S.A.	RAHWAY, NEW JERSEY 07065-0907 UNITED STATES OF
(86) International Application No	:PCT/US2010/054595	AMERICA U.S.A.
Filing Date	:29/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/053743	1)ICHETOVKIN, MARINA
(61) Patent of Addition to Application	:NA	2)CHEN, ZHU
Number	:NA	3)LEGRAND, CHERY1
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods of using PCSK9 antagonists. More specifically, methods for measuring circulating PCSK9 levels in a biological sample by means of an immunoassay.



No. of Pages: 40 No. of Claims: 21

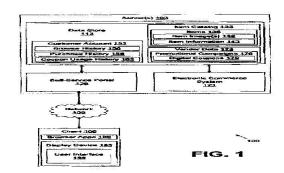
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SELF-SERVICE IMPLEMENTATION OF DIGITAL COUPONS

		(71)Name of Applicant:
(51) International classification	:G06Q 30/00	1)AMAZON TECHNOLOGIES, INC.
(31) Priority Document No	:12/608,673	Address of Applicant :P.O. BOX 8102, RENO, NV 89507,
(32) Priority Date	:29/10/2009	UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/053732	1)MCCANN, MONICA, THERESA
Filing Date	:22/10/2010	2)ALLOCCA, WILLIAM, W.
(87) International Publication No	:WO 2011/053527	3)CHANG, BRANDON, R.I
(61) Patent of Addition to Application	:NA	4)NICKERSON, HENRY, ROBERT
Number	:NA :NA	5)GULBRANDSEN,MARK, S.
Filing Date	:NA	6)HERRINGTON, DOUGLAS, J.
(62) Divisional to Application Number	:NA	7)KUMAR, DILIP, S.
Filing Date	:NA	8)SHIMADA, JAMES, J.
-		9)DEMARCO, PAUL. D.

(57) Abstract:

Disclosed are various embodiments relating to a self-service portal for coupon implementation in association with an electronic commerce system. Coupon campaigns are implemented in a computing device for a plurality of vendors in association with the electronic commerce system. Each of the coupon campaigns comprises one or more digital coupons. An automated submission of each of the campaigns is facilitated in the computing device from respective ones of the vendors through a self-service portal. Vendor control is facilitated through the self-service portal as to whether the digital coupons associated with a respective one of the campaigns are activated to be applied to a purchase of an item through the electronic commerce system.



No. of Pages: 46 No. of Claims: 23

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR ADDRESS TRANSLATOR TRAVERSAL IN 3GPP NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2011/055275 :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)VOGT, CHRISTIAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In response to an ACTIVATE PACKET DATA PROTOCOL (PDP) CONTEXT REQUEST message from a host, including a global reachability request option that requests a global IP address and a global port to be allocated to the host, a serving gateway transmits a CREATE PDP CONTEXT REQUEST message to an Internet gateway device. The CREATE PDP CONTEXT REQUEST message includes the global reachability request option. In response to a CREATE PDP CONTEXT RESPONSE message from the Internet gateway, where the CREATE PDP CONTEXT RESPONSE message includes a global reachability response option specifying therein a global IP address and a global port allocated to the host, the serving gateway transmits an ACTIVATE PDP CONTEXT ACCEPT message to the host, where the ACTIVATE PDP CONTEXT ACCEPT message includes the global reachability response option. As a result, the host does not need to establish a separate connection session to the Internet gateway device to acquire the same.

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

(21) Application No.4016/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: BLADES FOR SHAVING RAZORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:16/11/2010 :WO 2011/062881 :NA	(71)Name of Applicant: 1)THE GILLETTE COMPANY Address of Applicant: WORLD SHAVING HEADQUARTERS, IP/LEGAL PATENT DEPARTMENT - 3E, ONE GILLETTE PARK, BOSTON, MASSACHUSETTS 02127, U.S.A. U.S.A. (72)Name of Inventor: 1)WAIN, KEVIN JAMES
	:NA :NA	1)WAIN, KEVIN JAMES
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A shaving cartridge with a housing having a guard and a cap that define a shaving plane tangential thereto. The housing has a first blade with a blade edge positioned between the guard and the cap. A second blade has a blade edge positioned between the cap and the blade edge of the first blade. The first blade defines a plurality of rinse-through openings positioned between the blade edge of the first blade and the blade edge of the second blade.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: MACHINE WITH ABRADABLE RIDGES AND METHOD

(51) International classification	:F04D 29/02	(71)Name of Applicant:
(31) Priority Document No	:CO2009A000045	1)NUOVO PIGNONE S.P.A.
(32) Priority Date	:30/10/2009	Address of Applicant :VIA FELICE MATTEUCCI, 2 50127
(33) Name of priority country	:Italy	FLORENCE (IT). Italy
(86) International Application No	:PCT/US2010/052232	(72)Name of Inventor:
Filing Date	:12/10/2010	1)GIOVANNETTI, LACOPO
(87) International Publication No	:WO 2011/053448	2)MICHELASSI, VITTORIO
(61) Patent of Addition to Application	:NA	3)GIANNOZZI, MASSIMO
Number	:NA	4)GHASRIPOOR, FARSHAD
Filing Date	.11/1	5)GRAY, DENNIS M.
(62) Divisional to Application Number	:NA	6)SHENG, NUO
Filing Date	:NA	

(57) Abstract:

Method for making and machine having a fixed part (48) including a portion with a smooth surface, a rotating part (32) configured to rotate relative to the fixed part, the rotating part (32) directly facing the portion of the fixed part (48); and plural ridges (72) formed on the portion of the fixed part (48) directly facing the rotating part (32), the plural ridges (72) being made of an abradable material that is configured to be inoperable at temperatures above 1000 °C.

No. of Pages: 23 No. of Claims: 20

(21) Application No.4018/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : PROCESS FOR THE RECOVERY OF SULPHUR FROM GASEOUS STREAMS RICH IN AMMONIA, FROM ACID GAS AND SULPHUR DIOXIDE STREAMS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C01B 17/04 :MI2009A001849 :23/10/2009 :Italy :PCT/IB2010/002650	(71)Name of Applicant: 1)SIIRTEC NIGI S.P.A. Address of Applicant: VIA ALGARDI,, 2, I-20148 MOLANO (IT). Italy (72)Name of Inventor:
· · · · · · · · · · · · · · · · · · ·		
· · · · ·		
(86) International Application No	:PCT/IB2010/002650	(72)Name of Inventor:
Filing Date	:18/10/2010	1)BESTETTI, ADALBERTO
(87) International Publication No	:WO 2011/048461	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

The invention relates to a process for the recovery of sulphur from gaseous streams rich in ammonia, optionally containing hydrogen sulphide, together with acid gas streams, being the NH3/H2S volume ratio, referred to the overall stream of the two gaseous streams, higher than 30. The process allows also to convert into hydrogen sulphide the sulphur dioxide contained in industrial effluents and to proceed to the recovery of sulphur together with the two above mentioned gaseous streams. Figure 04

No. of Pages: 25 No. of Claims: 8

(21) Application No.3593/DELNP/2012 A

(19) INDIA

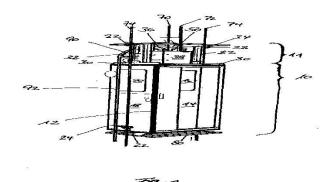
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELEVATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/11/2010 :WO 2011/054833 :NA :NA	(71)Name of Applicant: 1)WOBBEN ALOYS Address of Applicant:ARGESTRAE 19, 26607 AURICH, GERMANY Germany (72)Name of Inventor: 1)MEYER HERMANN 2)NEUNDLINGER ULRICH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention concerns a lift having a drive unit. The invention further concerns a wind power installation having a lift. To reduce the costs of the lift and thus make the lift economically more attractive the lift of the kind set forth in the opening part of this specification is characterised by a cupboard used as the lift car. In that respect the invention is based on the realisation that a cupboard in its basic structure with bottom, side walls and a door does not differ from a lift car produced specifically for a lift. Naturally there are differences, for example in suspension and operation of the door, but those differences can be removed insofar as they are an obstacle to use of a cupboard as a lift car so that the complication and expenditure overall is always still less than the complication and expenditure for a lift car constructed specifically for the lift.



No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application :24/04/2012

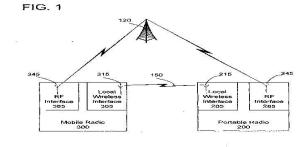
(43) Publication Date: 30/10/2015

(54) Title of the invention: REMOTE CONTROL OF MOBILE RADIO SYSTEM THROUGH PORTABLE RADIO SYSTEM

(51) International classification	:H04W 88/04	(71)Name of Applicant:
(31) Priority Document No	:12/614,801	1)HARRIS CORPORATION
(32) Priority Date	:09/11/2009	Address of Applicant :1025 W. NASA BLVD., MS A-111,
(33) Name of priority country	:U.S.A.	MELBOURNE, FLORIDA 32919, USA U.S.A.
(86) International Application No	:PCT/US2010/054946	(72)Name of Inventor:
Filing Date	:01/11/2010	1)MARTZ DONALD
(87) International Publication No	:WO 2011/056746	2)HINTERBERGER DAVID
(61) Patent of Addition to Application	:NA	3)VAN NESS ERIC
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A radio communications system (100) includes a portable radio (200) and a mobile radio (300), the portable radio (200) being configured to remotely control the mobile radio (300). The portable radio (200) can operate in a standalone mode, in which the mobile radio (300) communicates with other radio devices using the portable radios RF interface (285). The portable radio (200) can also operate in a remote mode, in which the portable radio (200) is operative to establish a wireless link between the portable radio (200) and the mobile radio (300) to thereby remotely control the mobile radio (300) and to use the mobile radios RF interface (385) to communicate with other radio devices.



100

No. of Pages: 32 No. of Claims: 10

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : BCL-2-SELECTIVE APOPTOSIS-INDUCING AGENTS FOR THE TREATMENT OF CANCER AND IMMUNE DISEASES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Alarmonic Section Number Filing Date (64) Divisional to Application Number Filing Date (65) Alarmonic Section Number Filing Date (67) Alarmonic Section Number Filing Date	4)ELMORE STEVEN W. 5)HASVOLD LISA 6)HEXAMER LAURA 7)KUNZER AARON 8)MANTEI ROBERT A.
--	---

(57) Abstract:

Disclosed are compounds which inhibit the activity of anti-apoptotic Bcl-2 or Bcl-xL proteins, compositions containing the compounds and methods of treating diseases during which are expressed anti-apoptotic Bcl-2 protein.

No. of Pages: 756 No. of Claims: 14

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD OF ANALYZING POINTS OF INTEREST WITH PROBE 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 	:G01C 21/00 :61/279,981 :29/10/2009 :U.S.A. :PCT/US2009/069949 :31/12/2009 :WO 2011/053336	(71)Name of Applicant: 1)TELE ATLAS NORTH AMERICA Address of Applicant:11 LAFAYETTE STREET, LEBANON, NH 03766-1445, U.S.A. U.S.A. (72)Name of Inventor: 1)WITMER, JAMES, ALAN
2		1)WITMER, JAMES, ALAN
(87) International Publication No	:WO 2011/053336	, , , , , , , , , , , , , , , , , , , ,
(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 analyzing points of interest (22) using traces from probe data is provided. The method includes providing a database of a digital vector map (18) configured to store a plurality of traces (1-14) representing roads. The method further includes collecting probe data from vehicles traveling along the traces. Then, bundling a group of select traces (2, 5, 7, 9, 11) having routes with a common origin (20) and at least one divergence point (24, 1) downstream from the origin (20) and building a database of vehicle maneuvers over the routes. Further, computing average speeds and delay times of a random population of vehicles traversing the vehicle maneuvers. Further yet, computing average speeds and delay times of all vehicles traversing the routes. Then, comparing the computed results from the random population of vehicles with the computed results from all vehicles traversing said routes.

No. of Pages: 17 No. of Claims: 6

(21) Application No.4024/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NEVIGATION DEVICE & METHOD

(62) Divisional to Application Number :NA Filing Date :NA		:23/06/2010 :WO 2011/054550 :NA :NA :NA	(71)Name of Applicant: 1)TOMTOM INTERNATIONAL B.V. Address of Applicant: REMBRANDTPLEIN 35, NL-1017 CT AMSTERDAM, NETHERLANDS. Netherlands (72)Name of Inventor: 1)ABEN, SJOERD 2)ALDERS, MICHEL
---	--	---	---

(57) Abstract:

Embodiments of the present invention relate to a device including a module (490) which is operative in a low-power state of the device (200). The module (490) is arranged to determine whether a traffic situation on a route has more than a predetermined affect on the route, and to cause the navigation device (200) to output a notification in response thereto which alerts the user of the device to the traffic situation despite the device being in the low-power state.

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

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FLUE GAS DESULPHURIZATION WITH A WATER RECOVERY FACILITY

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:10 2011 051 022.2	1)HITACHI POWER EUROPE GMBH Address of Applicant :SCHIFFERSTRAE 80, 47059
(32) Priority Date	:10/06/2011	1
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)STREIBER, SVEN
Filing Date	:NA	2)BUDDENBERG, TORSTEN
(87) International Publication No	: NA	3)PAPENHEIM, GEORGE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

In a flue gas treatment plant (I), comprising a flue gas desulphurization plant (2) with an assigned flue gas cooler (3) which is preferably designed as a spray scrubber, is connected downstream with regard to the routing of a flue gas of the flue gas desulphurization plant (2) and which can be set (4) in a line connection (5, 6) carrying desulphurized flue gas to the flue gas desulphurization plant (2) and which has a connected cooling water circuit (15), a heat exchanger or a cooling tower (16) being arranged in the cooling water circuit (15), and the cooling water circuit (15) has a line connection (26, 27) to the flue gas desulphurization plant (2), a solution is to be provided which allows flue gas desulphurization which saves cooling and process water ant3 recovers cooling and process water. This is achieved in that, downstream of the heat exchanger or the cooling tower (16), th cooling water circuit (15) comprises a water reservoir (23) which is fed from the cooling water circuit (15) and can be set in a line connection which feeds in process and/or cooling water with the cooling ivater circuit (15) and the flue gas desulphurization plant (2).

No. of Pages: 25 No. of Claims: 13

(21) Application No.1772/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :08/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONVEYING APPARATUS, SYSTEMS AND METHOD.

(01)	:F16B :201110158617.2 :14/06/2011 :China :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)HU, LISHUN 2)CHEN, WEI
------	--	--

(57) Abstract:

A conveying apparatus comprises a conveying pipeline and a supplement gas pipeline extending into the conveying pipeline. The conveying pipeline defines an inlet and an outlet, and comprises an expanding portion defining the inlet, a shriking portion defining the outlet, and an intermediate portion disposed between and in fluid communication with the expanding portion and the shrinking pofion. A conzying apparatus and a conveying method are also presented.

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

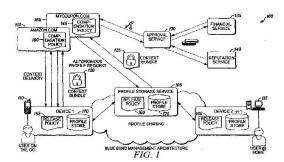
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : TECHNIQUES FOR OFFERING CONTEXT TO SERVICE PROVIDERS UTILIZING INCENTIVES AND USER-CONTROLLER PRIVACY

(51) International classification	:G06Q 50/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2200 MISSION COLLEGE
(33) Name of priority country	:NA	BOULEVARD, MS: RNB-4-150, SANTA CLARA,
(86) International Application No	:PCT/US2009/068689	CALIFORNIA 95052, UNITED STATES OF AMERICA U.S.A.
Filing Date	:18/12/2009	(72)Name of Inventor:
(87) International Publication No	:WO 2011/075137	1)YARVIS, MARK
(61) Patent of Addition to Application	:NA	2)MUSE, PHIL
Number	:NA	3)WOOD, MATTHEW
Filing Date	.INA	4)KEARNEY, BERNIE
(62) Divisional to Application Number	:NA	5)SANDAGE, DAVID, A.
Filing Date	:NA	6)STROEBEL, THOMAS, W.

(57) Abstract:

An embodiment of the present invention provides a method of offering incentive based context to service providers, comprising securely capturing private context information of a user and distributing said approved context information to the service provider, wherein the service provides an incentive to said user for said context information.



No. of Pages: 30 No. of Claims: 51

(21) Application No.4027/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FUEL INJECTOR

(51) International classification	:F02M 47/02	(71)Name of Applicant:
(31) Priority Document No	:102010000827.3	1)ROBERT BOSCH GMBH
(32) Priority Date	:12/01/2010	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:PCT/EP2010/068828	(72)Name of Inventor:
Filing Date	:03/12/2010	1)RODRIGUEZ-AMAYA, NESTOR
(87) International Publication No	:WO 2011/085867	2)RUTHARDT, SIEGFRIED
(61) Patent of Addition to Application	:NA	3)RAPP, HOLGER
Number	:NA	4)STOECKLEIN, WOLFGANG
Filing Date	.11/1	5)BERGHAENEL, BERND
(62) Divisional to Application Number	:NA	6)BEIER, MARCO
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a control chamber (7), the pressure of which determines the strokes or positions of a nozzle needle. The control chamber (7) is assigned to a force or pressure sensor (20) in order to detect the progression of the control chamber pressure. Because the control chamber pressure significantly changes during the closing of the nozzle needle, the operating phases of a fuel injector (1) can be exactly determined from the sensor data and supplied to an engine control unit.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR REMOVING RUST ON MOTOR VEHICLE WHEEL BRAKES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2011/085841 :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)LJUNGDAHL, PETER
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a device (10) for removing rust from a brake disk (12) of a wheel brake (13). The device (10) includes a control unit (1), which automatically actuates a brake actuator (5) in order to apply brake shoes (11) to the brake disk (12) of at least one wheel brake (13), when at least one vehicle parameter (P1-PN; Mmot) satisfies an associated predefined activation condition.

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

(21) Application No.1377/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RECLOSABLE CONTAINER

(51) International classification (31) Priority Document No	:A61M :202011050614.2	(71)Name of Applicant: 1)HUHTAMAKI RONSBERG, ZWEIGNIEDERLASSUNG
(32) Priority Date	:01/07/2011	DER HUHTAMAKI DEUTSCHLAND GMBH & CO. KG
(33) Name of priority country	:Germany	Address of Applicant :HEINRICH-NIKOLAUS-STRAE 6,
(86) International Application No	:NA	RONSBERG/ALLGAU D-87671, GERMANY Germany
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DAELMANS, EDDY
(61) Patent of Addition to Application Number	:NA	2)MARZ, MANFRED
Filing Date	:NA	3)SURDZIEL, AGATA
(62) Divisional to Application Number	:NA	4)KLAUS, THOMAS
Filing Date	:NA	5)SCHRAEGLE, MATTHIAS

(57) Abstract:

Reclosable container (11), especially a tubular pouch, or a substantially dimensionally stable container, the container having an opening and reclosing mechanism formed by a film material (10).

No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD OF IMPRINTING A TEXTURE ON A SUBSTRATE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)MOSER BAER INDIA LIMITED Address of Applicant: 43B, OKHLA INDUSTRIAL ESTATE NEW DELHI - 110020, INDIA Delhi India (72)Name of Inventor: 1)MARK STELTENPOOL 2)MATTHIJS BOS 3)HERMAN MARSMAN
--	-------------------	--

(57) Abstract:

Some embodiments of the invention provide a method of manufacturing a lighting device. The method of manufacturing the lighting device including providing a substrate having a first surface and a substantially parallel second surface and coating the first surface with a lacquer layer. Thereafter, the method includes imprinting an internal light extraction texture on the lacquer layer, such that the internal light extraction texture facilitates light extraction in the lighting device. Further the step of imprinting includes providing a first replication substrate and chemically etching the first replication substrate to develop a texture profile on its surface, such that the texture profile corresponds to a plurality of pyramids which are randomly distributed over the surface of the first replication substrate and are also randomly sized. Thereafter the first replication substrate is pressurized over the lacquer layer to imprint the internal light extraction texture on the lacquer layer. The method also includes depositing a first electrode layer on the lacquer layer having the internal light extraction texture, followed by depositing one or more light emitting layers on the first electrode layer and depositing a second electrode layer on the one or more light emitting layers.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR PREPARING A MASTERBATCH OF DIENE ELASTOMER AND SILICA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08K 3/08 :0957692 :30/10/2009 :France :PCT/EP2010/066042 :25/10/2010 :WO 2011/051214 :NA :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 TECHIQUE S.A. (72)Name of Inventor: 1)JULIEN BERRIOT 2)BENOIT DE GAUDEMARIS 3)GERALDINE LAFFARGUE
---	---	--

(57) Abstract:

The invention relates to a method for preparing a silica/diene elastomer masterbatch, comprising the following successive steps: - doping the silica with an at least divalent metallic element; - preparing at least one dispersion of the resulting doped silica in water; - bringing a diene elastomer latex into contact with the aqueous doped-silica dispersion and mixing them together so as to obtain a coagulum; - recovering the coagulum; and - drying the recovered coagulum so as to obtain the masterbatch.

No. of Pages: 32 No. of Claims: 23

(22) Date of filing of Application :23/04/2012

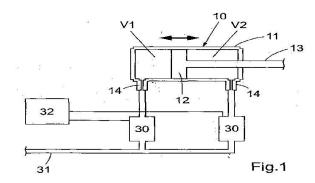
(43) Publication Date: 30/10/2015

(54) Title of the invention: ARRANGEMENT AND METHOD FOR DAMPING OF A PISTON MOVEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F15B 15/22 :0950814-4 :02/11/2009 :Sweden :PCT/SE2010/051133 :20/10/2010 :WO 2011/053227 :NA :NA	(71)Name of Applicant: 1)SCANIA CV AB Address of Applicant:S-151 87 SODERTALJE, SWEDEN Sweden (72)Name of Inventor: 1)ORTWIN SCHLUTER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Arrangement for damping of a piston movement in a compressed air cylinder (10; 20), which arrangement comprises - a compressed air cylinder (10; 20), - a valve device, - a compressed air device, and - a control unit, which arrangement is characterised in that the control unit comprises means for controlling the valve devices in such a way that the movement of the piston (12; 22) is damped before it reaches the casing of the compressed air cylinder. The invention relates also to a method for control of said arrangement.



No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR THE MANAGEMENT AND DESIGN OF COMPLEX PRODUCTION PROCESS

(31) Priority Document No :12/590,670 (32) Priority Date :12/11/2009	(71)Name of Applicant: 1)SYS-TECH SOLUTIONS, INC. Address of Applicant: 2540 US HIGHWAY 130, SUITE 128, CRANBURY, NJ 08512, U.S.A. U.S.A. (72)Name of Inventor: 1)CLARK, LEE M.
---	--

(57) Abstract:

An apparatus, system and method for line management. The apparatus, system and method includes data indicative of a plurality of items to pass through the line, a plurality of available processes, and a plurality of available streams. Ones of the plurality of available processes are corresponded to obtain at least one outcome. Computing code, when executed by at least one computing processor, effects a presentation of at least one graphical user interface, wherein the at least one outcome is obtained in accordance with at least one input to the graphical user interface related to ones of the items, ones of the processes, and ones of the streams, and wherein the presentation of the at least one graphical user interface optionally comprises a remote presentation via at least one network.

No. of Pages: 42 No. of Claims: 10

(21) Application No.2305/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HOT STERILIZATION OF WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:Germany :NA :NA	(71)Name of Applicant: 1)KRONES AG Address of Applicant:B-HMERWALDSTRASSE 5 93073 NEUTRAUBLING GERMANY Germany (72)Name of Inventor: 1)SCHEUREN, HANS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for the sterilization of a liquid, specifically of water, comprising the steps of: evaporating at least a part of the liquid, and exposing the evaporated liquid to ionizing radiation, specifically to electrons. The present invention further relates to an apparatus for the sterilization of a liquid, specifically of water, comprising: a sterilization chamber for receiving an evaporated part of the liquid and a source of ionizing radiation, specifically of electrons, for exposing the evaporated part of the liquid to radiation.

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

(22) Date of filing of Application :25/07/2012

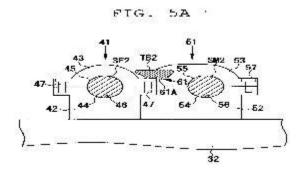
(43) Publication Date: 30/10/2015

(54) Title of the invention: DRAFT DEVICE AND SPINNING MACHINE

(51) International classification :D01D (31) Priority Document No :2011- 206522 (32) Priority Date :21/09/20 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)MURATA MACHINERY, LTD. Address of Applicant: 3, MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 JAPAN Japan (72)Name of Inventor: 1)NAOTAKA SAKAMOTO 2)ITARU YOKOTA
---	--

(57) Abstract:

A draft device includes a first supporting section (41) adapted to rotatably support a front bottom roller (RF2), a second supporting section (51) adapted to rotatably support a middle bottom roller (RM2), and a third supporting section (61) adapted to support a tensor bar (TB2) adapted to regulate tension and position of an apron belt (E2) wound around the middle bottom roller (RM2). The third supporting section (61) is integrally formed with the second supporting section (51). [Most Illustrative Drawing] FIG. 5A



No. of Pages: 36 No. of Claims: 8

(22) Date of filing of Application :25/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELEVATOR SAFETY SYSTEM ADAPTING TO EMERGENCY EVENT IN BUILDING

(51) International classification	:A61M	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)HITACHI, LTD.
(31) Thomas Document No	164564	Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
(32) Priority Date	:27/07/2011	CHIYODA-KU, TOKYO 100-8280 JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOSHIKAWA TOSHIFUMI
Filing Date	:NA	2)INOUE SHINUKE
(87) International Publication No	: NA	3)MATSUDO TAKASHI
(61) Patent of Addition to Application Number	:NA	4)HOSHINO TAKAMICHI
Filing Date	:NA	5)NAYA HIDEMITSU
(62) Divisional to Application Number	:NA	6)SAKURAI KOHEI
Filing Date	:NA	

(57) Abstract:

An emergency final limit position of an elevator car is set between a floor in which an emergency event occurs and a current position of the elevator car. When the elevator car goes beyond the emergency final limit position and approaches the emergency event occurrence floor, an electro-mechanical brake and/or an electrical safety gear is actuated to brake the elevator car so that the elevator car is brought to an emergency stop in a predetermined position on an upper or lower side of the emergency event occurrence floor. In this manner, it is possible to provide an elevator safety system adapting to an emergency event, which system can ensure safety of passengers in an elevator car even if such a fault that an elevator control device does not work appropriately occurs in evacuation operation at the time of occurrence of an emergency event.

No. of Pages: 67 No. of Claims: 12

(21) Application No.3518/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYNERGISTIC ANTIMICROBIAL COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/09/2010 :WO 2011/037773 :NA :NA	(71)Name of Applicant: 1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant:2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BEI YIN
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A synergistic antimicrobial composition having two components. The first component is a hydroxymethyl-substituted phosphorus compound. The second component is cis-l-(3-chloroallyl)-3,5,7-triaza-l-azoniaadamantane chloride.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : ELASTOMERIC NANOCOMPOSITES, NANOCOMPOSITE COMPOSITIONS, AND METHODS OF MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08J 5/00 :61/287,622 :17/12/2009 :U.S.A. :PCT/US2010/058405 :30/11/2010 :WO 2011/084271 :NA :NA	(71)Name of Applicant: 1)EXXONMOBIL CHEMICAL PATENTS INC. Address of Applicant:5200 BAYWAY DRIVE, BAYTOWN, TX 77520, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MICHAEL B. RODGERS 2)WEIQING WENG 3)JOHN P. SOISSON 4)ROBERT N. WEBB 5)SUNNY JACOB 6)NA 7)NA 8)MOLLY W. JOHNSTON
--	---	--

(57) Abstract:

A nanocomposite is formed from at least one copolymer and at least one nanofiller. The copolymer is formed of units derived from isoolefins having from 4 to 7 carbon atoms and multiolefins. The nanofiller comprising a surfactant wherein the surfactant has the structure of (R1R2R3R4)N+ wherein R1 is benzyl derived unit, which may or may not be substituted, wherein R2 is selected from C1 to C26 alkyls, C2 to C26 alkenes, and C3 to C26 aryls, and wherein R3 and R4 are the same or different and are independently selected from C9 to C26 alkyls, C9 to C26 alkenes, and C9 to C26 aryls.

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

(22) Date of filing of Application :08/05/2012

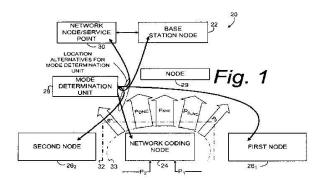
(43) Publication Date: 30/10/2015

(54) Title of the invention: NETWORK CODING MODE SELECTOR

(51) International classification(31) Priority Document No	:H04L 1/00 :61/259,406	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:09/11/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE).
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/IB2010/055067	(72)Name of Inventor:
Filing Date	:08/11/2010	1)MANSSOUR, JAWAD
(87) International Publication No	:WO 2011/055349	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of operating a wireless communication system comprises making a determination which of plural transmission modes is to be a selected transmission mode for transmitting plural entities to a receiving node over a radio interface (32), and then (at a network coding node (24)) in accordance with the determination implementing the selected transmission mode with respect to the plural input entities. The plural transmission modes include at least two of: (1) an analog network-coded mode wherein plural input signals provided to a network coding node are network-combined by signal interference at a signal level at the network coding node into one analog network-combined output entity; (2) a digital network-coded mode wherein the plural input entities provided to the network coding node are network-combined by operation at a bit level at the network coding node into one or plural digital network-combined output entities; (3) a symbol level network-coded mode wherein the plural input entities are already modulated and network coding is performed on the already modulated plural input entities; and (4) a separate transmission mode wherein the plural input entities provided to the network coding node leave the network coding node as respective plural uncombined output entities.



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

(22) Date of filing of Application :07/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SECURE CONNECTION TERMINAL FOR HERMETIC COMPRESSOR

(51) International classification(31) Priority Document No(32) Priority Date	:H01J :13/178616 :08/07/2011	·
(33) Name of priority country	:U.S.A.	ARKADELPHIA, ARKANSAS 71923, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LAMAR WILSON THIBODEAUX
(87) International Publication No	: NA	2)THIERRY POIRET
(61) Patent of Addition to Application Number	:NA	3)SUI YONG
Filing Date	:NA	4)ZHAO YANBO
(62) Divisional to Application Number	:NA	5)ZILI SUN
Filing Date	:NA	

(57) Abstract:

A sealed compressor has an electric motor driving a compressor pump unit, and a shell enclosing the electric motor and compressor pump unit. An electrical connector with the shell supplies electrical power to the motor. A terminal housing is 5 mounted to an outer surface of the shell, and a terminal plug is received within the terminal housing. The terminal plug has electric connections to connect into the electric connector within the shell. The housing includes a cover plate enclosing a chamber for the housing and which receives the terminal plug. A spring extends from the terminal plug, and reacts against a surface of the cover to bias the terminal plug to 10 maintain the electric connection between the terminal plug and the electrical connector in the shell.

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

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : LIPOSOME HAVING $\,$ INNER WATER PHASE CONTAINING SULFOBUTYL ETHER CYCLODEXTRIN SALT •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of riority country (86) International 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 :200910075783.9 :26/10/2009 :China :PCT/CN2010/078115 :26/10/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO. LTD. Address of Applicant: No.226 Huanghe Street Shijiazhuang Hebei 050035 P.R. China China (72)Name of Inventor: 1)LI Chunlei 2)ZHANG Lan 3)WANG Caixia 4)ZHANG Li 5)SHEN Dongmin 6)LI Yanhui 7)XIU Xian 8)LIANG Min 9)LI Yongfeng
--	---	--

(57) Abstract:

A liposome comprising bilayer and inner water phase is disclosed. Said inner water phase comprises sulfobutyl ether cyclodextrin salt and an active compound. Said salt of sulfobutyl ether cyclodextrin is sulfobutyl ether a-cyclodextrin sulfobutyl ether -cyclodextrin or sulfobutyl ether -cyclodextrin.

No. of Pages: 32 No. of Claims: 11

(21) Application No.4039/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention: A TELESCOPIC DEVICE

Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (1) LARS OLAV SCHERTIGER (NA :NA :NA :NA :NA		 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/11/2010 :WO 2011/063816 :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)LARS OLAV SCHERTIGER
--	--	---	---	---

(57) Abstract:

A telescopic device comprising a first telescopic member and a second telescopic member, where the second tele-scopic member is displaceably arranged within the first telescopic member in a first and a second axial direction along the longitu-dinal axis of the first telescopic member, a coupling arrangement for limiting the displacement of the second telescopic member relative to the first telescopic member where the coupling arrangement has a first and a second coupling configuration.

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

(21) Application No.4040/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE FOR STIRRING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/10/2009 :WO 2011/049492 :NA :NA :NA	(71)Name of Applicant: 1)METENOVA HOLDING AB Address of Applicant: VADURSGATAN 6, S-412 50 GOTEBORG, SWEDEN. Sweden (72)Name of Inventor: 1)STEN JOHANSSON
Filing Date	:NA :NA	

(57) Abstract:

A device (2) for stirring a liquid or a granular material comprising a stirring agitator (4), a rotating drive shaft (12) for rotating-the stirring agitator (4), a stationary axle (20) extending in an essentially vertical direction about which the stirring agitator (4) is adapted to rotate, and a transfer arrangement (16) for contactless transfer of rotation of the drive shaft (12) to the stirring agitator (4). The device (2) has a centre axis (19) around which the stirring agitator (4) and the drive shaft (12) are adapted to rotate, and means (24) for generating a magnetic force exerting an upwardly directed force component on the stirring agitator (4). The means (24) for generating a magnetic force comprises a first element (26) arranged in the stirring agitator (4) and a second element (28) associated with the stationary axle (20). At least one of the first element (26) and the second element (28) comprises a permanent magnet. At least one of the first element (26) and the second element (28) is arranged such that the centre axis (19) extends through the first element (26) and/or the second element (28).

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: DEVICE SHAPED SO THAT IT CAN BE USED ALONE TO SECURE A SOLAR PANEL TO A SINGLE BEAM OF A SUPPORT STRUCTURE, AND UNIT COMPRISING ONE SUCH DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F24J 2/54 :0957178 :13/10/2009 :France :PCT/FR2010/052174 :13/10/2010 :WO 2011/045539 :NA :NA :NA	(71)Name of Applicant: 1)VINCENT INDUSTRIE Address of Applicant: CHEMIN DE LA PLAINE D'ELITE, 236 RUE GENERAL DE GAULLE, F-69530 BRIGNAIS, FRANCE France (72)Name of Inventor: 1)CLAUDE JACQUOT
--	---	---

(57) Abstract:

The invention relates to a device which is shaped so that it can be used alone to secure a solar panel (1) to a single beam (4) of a support structure and which comprises: an interface (2) including first securing means (3a-3d) for securing the solar panel (1) to the interface (2) and second securing means (6) for securing the interface (2) to the beam (4). The first securing means (3a-3d) are shaped to retain the solar panel (1) by affixing the passive face thereof to a surface of the interface (2) or using hooks (3a-3d) which cover part of the edge of an active face of the solar panel (1). The interface (2) includes an intermediate structure (7) which mechanically and solidly connects the first securing means (3a-3d) and the second securing means (6) and which insulates the panel (1) in relation to mechanical stresses from the beam (4).

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

(21) Application No.3520/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SAW WIRE

(51) International classification	:B24D 11/00	(71)Name of Applicant:
(31) Priority Document No	:2010-136249	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:15/06/2010	CORPORATION,
(33) Name of priority country	:Japan	Address of Applicant :6-1, MARUNOUCHI 2-CHOME,
(86) International Application No	:PCT/JP2011/063603	CHIYODA-KU, TOKYO 100-8071, JAPAN, Japan
Filing Date	:14/06/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/158834	1)MITSURU MORITA
(61) Patent of Addition to Application	.NT A	2)TOSHIMI TARUI
Number	:NA	3)HIROAKI SAKAMOTO
Filing Date	:NA	4)HIROKATSU YASHIRO
(62) Divisional to Application Number	:NA	5)MAKOTO KOSAKA
Filing Date	:NA	
(57) Abstract:		1

(57) Abstract:

A saw wire includes a steel wire (11) having a steel strand (11a) with predetermined composition, an abrasive (13) fixed to the steel wire (11) by a fixing part (12), and an intermetallic compound (15) on an interface between the abrasive (13) and the fixing part (12). Tensile strength of the steel strand (11) is 3500 MPa or more, and the fixing part (12) includes a Sn-based solder containing Zn or Ag.

No. of Pages: 70 No. of Claims: 17

(22) Date of filing of Application :23/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD FOR OPTIMIZATION WITH GRADIENT INFORMATION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:G06G 7/48 :61/254,383 :23/10/2009 :U.S.A. :PCT/US2010/043402 :27/07/2010 :WO 2011/049654 :NA :NA :NA	(71)Name of Applicant: 1)EXXONMOBIL UPSTREAM RESEARCH COMPANY Address of Applicant: P.O. BOX 2189, HOUSTON, TEXAS 77252-2189, U.S.A. U.S.A. (72)Name of Inventor: 1)MATTHIAS IMHOF 2)KAVEH GHAYOUR 3)TAO SUN
--	--	---

(57) Abstract:

A method of improving a geologic model of a subsurface region. One or more sets of parameter values are selected. Each parameter represents a geologic property. A cost and a gradient of the cost are obtained for each set. A geometric approximation of a parameter space defined by one or more formations is constructed. A response surface model is generated expressing the cost and gradient associated with each formation. When a finishing condition is not satisfied, at least one additional set is selected based at least in part on the response surface model associated with previously selected sets. Parts of the method are repeat—ed using successively selected additional sets to update the approximation and the response surface model until the finishing condition is satisfied. Sets having a predetermined level of cost to a geologic model of the subsurface region and/or their associated predicted outcomes are outputted to update the geologic model.

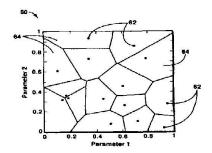


FIG. 6

No. of Pages: 56 No. of Claims: 27

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : N-ALLYL CARBAMATE COMPOUNDS AND THE USE THEREOF, IN PARTICULAR FOR RADIATION-CURED COATINGS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Publication No Filing Date (52) International Publication No Filing Date (53) Name of priority country Filing Date (54) International Publication No Filing Date (55) International Publication No Filing Date (56) Divisional to Application Number Filing Date (57) International classification Filing Date (50) International Publication No Filing Date (50) International Publication No Filing Date (51) International classification Filing Date (50) International Classification Filing Date (50) International Publication No Filing Date (50) International Publication No Filing Date (51) International Classification Filing Date (50) International Publication No Filing Date (50) International Publication No Filing Date (51) International Publication No Filing Date (52) International Publication No Filing Date (53) International Publication No Filing Date (54) International Publication No Filing Date (55) International Publication No Filing Date (56) International Publication No Filing Date (57) International Publication No Filing Date (57) International Publication No Filing Date (58) International Publication No Filing Date (59) International Publication No Filing Date (50) International Publication No Filing Date (1)FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Address of Applicant :HANSASTRASSE 27C, 80686 MUNCHEN, GERMANY Germany (72)Name of Inventor:
--	---

(57) Abstract:

An N-allyl carbamate compound which is suitable as an additive is proposed, the chemical main body thereof allowing modifications of the overall structure of the compound in order to ensure sufficiently high compatibility with as many binder systems as possible, wherein the UV-crosslinkable double bond is designed to be as sterically undemanding as possible, linked via flexible bonds, and highly reactive. In the N-allyl carbamate compound of general formula (A) according to the invention, the radical R1 is selected from straight-chain, branched, or cyclic substituted aliphatic hydrocarbon radicals and heterocyclic radicals, wherein the radical R1 includes at least one ethylenically unsaturated bond, wherein R2, R3, and R4 are selected from hydrogen and hydrocarbon radicals, wherein R5 represents hydrogen or an allyl group, and wherein c is an integer of 1 or greater.

No. of Pages: 32 No. of Claims: 23

(22) Date of filing of Application :04/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : DEVICE FOR CONTIROLLING A GEAR MOTOR OF A SYSTEM FOR WIPING A WINDOW OF AN AUTOMOBILE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	0957059 09/10/2009 France	(71)Name of Applicant: 1)RENAULT S.A.S. Address of Applicant:13-15 QUAI LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE France (72)Name of Inventor: 1)PASCAL VERENUIL 2)MICHEL MAHE 3)CYRIL GRANAT 4)BOISNON-DOUALIN, ANNE-GAEL
--	---------------------------------	---

(57) Abstract:

The invention relates to a device (160) for controlling a gear motor (103) of a System (100) for wiping a window of an automobile, the gear motor including a first winding causing fhe gear motor to rotate at a first speed when the latter is powered and a second winding causing the gear motor to rotate at a second speed when the latter is powered. The device comprises a control member (102) for powering either the first winding or the second winding and is characterised in that the control device at ail times includes a controlled switch (104) and a selector (106) of the control member arranged in series on the power supply line to the first and second windings.

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

(22) Date of filing of Application :08/05/2012

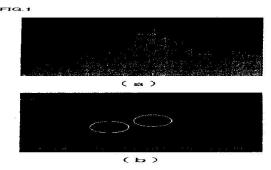
(43) Publication Date: 30/10/2015

(54) Title of the invention : CUBIC BORON NITRIDE SINTERED BODY AND CUBIC BORON NITRIDE SINTERED BODY TOOL

(51) International classification	:B23B 27/14	(71)Name of Applicant :
(31) Priority Document No	:2010-233299	1)SUMITOMO ELECTRIC HARDMETAL CROP.
(32) Priority Date	:18/10/2010	Address of Applicant :1-1, KOYAKITA 1-CHOME, ITAMI-
(33) Name of priority country	:Japan	SHI, HYOGO 664-0016, JAPAN. Japan
(86) International Application No	:PCT/JP2011/073913	(72)Name of Inventor:
Filing Date	:18/10/2011	1)MATSUDA YUSUKE
(87) International Publication No	:WO 2011/053507	2)OKAMURA KATSUMI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KUKINO SATORU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		

(57) Abstract:

An object of the present invention is to obtain a cubic boron nitride sintered body having a high content of cubic boron nitride, in which excellent chipping resistance and wear resistance are achieved. A cubic boron nitride sintered body according to the present invention is a cubic boron nitride sintered body including cubic boron nitride and a binder phase, wherein a content of the cubic boron nitride is 82 volume % or more and 98 volume % or less, and in a cross section of the cubic boron nitride sintered body, an isolated binder phase having an area of $0.05 \mu m2$ or more and $0.5 \mu m2$ or less has a protrusion of two or more steps with respect to the cubic boron nitride, and assuming that in a first-step protrusion from a tip of the protrusion, Al represents a side length which is perpendicular in a tip direction, and Bl represents a side length which is parallel in the tip direction; and in a second-step protrusion from the tip, A2 represents a side length which is perpendicular in the tip direction, and B2 represents a side length which is parallel in the tip direction, an area ratio of an isolated binder phase having a protrusion in which Al/Bl is one time or more and ten times or less of A2/B2, to the whole of the binder phase having the area of $0.05 \mu m2$ or more and $0.5 \mu m2$ or less, is $0.5 \mu m2$



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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR REMOTELY DIAGNOSING AN ELEVATOR INSTALLATION AND ELEVATOR INSTALLATION FOR CARRYING OUT THE 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 	:B66B 5/00 :09180014.4 :18/12/2009 :EUROPEAN UNION :PCT/EP2010/069671 :14/12/2010 :WO 2011/073212	(71)Name of Applicant: 1)THYSSENKRUPP AUFZUGSWERKE GMBH Address of Applicant: BERNHAUSER STRAE 45, 73765 NEUHAUSEN GERMANY (DE) Germany (72)Name of Inventor: 1)THUMM, GERHARD 2)GESSNER, TORSTEN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for remotely diagnosing an elevator installation (10) comprising at least one elevator car (16) movable in a shaft (12) by a drive device (22, 24), and an elevator control apparatus (30) including at least one signal processing device (60) and at least one storage member (62), wherein the elevator control apparatus (30) controls operation of the elevator installation (10). In order to develop the method such that it is more cost effective and less susceptible to faults, it is proposed that availability, fault and/or event data of the elevator installation (10) be detected, stored in the storage member (62) and analyzed using the signal processing device (60), and that the location of the elevator installation (10), together with status information which is dependent on the result of the analysis of the stored data, be transmitted via the Internet (78) to at least one data receiving device (81, 82, 83) and indicated on the monitor (85) thereof on a map that is updatable via the Internet (78), and that the stored data be made accessible to specific target groups via the Internet (78). Also proposed is an elevator installation (10) for carrying out the method.

No. of Pages: 28 No. of Claims: 19

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

$(54) \ Title \ of the \ invention: CHLORO-SUBSTITUTED \ POLYETHERIMIDES \ HAVING \ IMPROVED \ RELATIVE \ THERMALINDEX$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G 73/10 :61/291,605 :31/12/2009 :U.S.A. :PCT/US2010/062191 :28/12/2010 :WO 2011/082147 :NA :NA :NA	(71)Name of Applicant: 1)SABIC INNOVATIVE PLASTICS IP B.V. Address of Applicant: PLASTICSLAAN 1, NL-4612 PX BERGEN OP ZOOM NETHERLANDS (NL). Netherlands (72)Name of Inventor: 1)CHIONG, HENDRICH 2)GUGGENHEIM, THOMAS, LINK 3)DE CASTRO, MIGUEL ANGEL NAVARRO
--	---	---

(57) Abstract:

A polyetherimide having an OH content that is greater than 0 and equal or less than 100 ppm; a Relative Thermal Index that is greater than or equal to 170°C; and a chlorine content that is greater than 0 ppm is disclosed herein. A method for preparing the polyetherimide is also disclosed.

No. of Pages: 56 No. of Claims: 24

(22) Date of filing of Application :08/05/2012

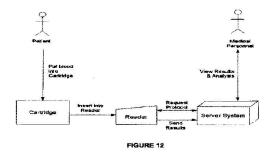
(43) Publication Date: 30/10/2015

(54) Title of the invention: INTEGRATED HEALTH DATA CAPTURE AND ANALYSIS SYSTEM

(51) International classification	:G06F 17/00	(71)Name of Applicant:
(31) Priority Document No	:61/253,015	1)THERANOS, INC.
(32) Priority Date	:19/10/2009	Address of Applicant :3200 HILLVIEW AVENUE, PALO
(33) Name of priority country	:U.S.A.	ALTO, CA 94304, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2010/053088	(72)Name of Inventor:
Filing Date	:18/10/2010	1)HOLMES, ELIZABETH, A.
(87) International Publication No	:WO 2011/049886	2)GIBBONS, IAN
(61) Patent of Addition to Application	:NA	3)YOUNG, DANIEL L.
Number	:NA	4)MICHELSON, SETH G.
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an integrated health care surveillance and monitoring system that provides real-time sampling, modeling, analysis, and recommended interventions. The system can be used to monitor infectious and chronic diseases. When faced with outbreak of an infectious disease agent, e.g., influenza virus, the system can identify active cases through pro-active sampling in high risk locations, such as schools or crowded commercial areas. The system can notify appropriate entities, e.g., local, regional and national governments, when an event is detected, thereby allowing for proactive management of a possible outbreak. The system also predicts the best response for deployment of scarce resources.



No. of Pages: 164 No. of Claims: 70

(21) Application No.4057/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR TORQUE FILL-IN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:0918380.7 :20/10/2009 :U.K. :PCT/EP2010/065730 :19/10/2010 :WO 2011/048102 :NA	(71)Name of Applicant: 1)RICARDO UK LIMITED Address of Applicant:SHOREHAM TECHNICAL CENTRE, OLD SHOREHAM ROAD, SHOREHAM-BY-SEA, WEST SUSSEX BN43 5FG, U.K. U.K. (72)Name of Inventor: 1)ATKINS, ANDREW FARQUHAR 2)WHEALS, JONATHAN CHARLES 3)SHEPHERD, SIMON TIMOTHY DAVID
(61) Patent of Addition to Application		2)WHEALS, JONATHAN CHARLES

(57) Abstract:

An apparatus as provided for supplying torque to and receiving torque from a vehicle driveline. The apparatus includes a flywheel and a coupling arranged to transmit torque to and from the flywheel. The apparatus is arranged, in use, to supply and/or to receive torque in parallel with a primary torque supply to and/or from a common vehicle driveline.

No. of Pages: 49 No. of Claims: 17

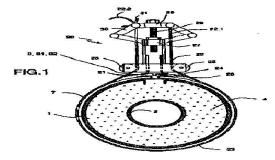
(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR INSTALLATION AND REPAIR OF INSULATED LINE PIPES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:15/10/2010 :WO 2011/046503	(71)Name of Applicant: 1)TSC INNOVATION AB Address of Applicant: INDUSTRIVAGEN 22, S-901 30 UMEA, SWEDEN. Sweden (72)Name of Inventor: 1)GUNNARSSON LARS 2)LIDSTROM, KJELL
	:NA :NA	2)LIDSTROW, RJELL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for the installation and repair of insulated piping, wherein the insulated piping comprises an outer pipe 1, 1.1 or 1.2 made of a weldable polymer material that encases an inner pipe 2, 2.1 or 2.2 embedded in an insulating layer 4, and wherein the inner pipe 2, 2.1 and 2.2 has been substantially exposed over a section A between the ends 1 a and 1 b of the two outer pipes. The method comprises placing of a sleeve coupling 7, made of a weldable polymer material incorporating a slit 8 that runs lengthwise along the piping, and whose length 5 exceeds the distance A between the outer pipes ends 1 a and 1 b, over the exposed section A of the inner pipe 2, or 2.1 and 2.2, and with overlapping of the outer pipes ends 1 a and 1 b; welding the sleeve coupling 7 to the outer pipes 1, or 1.1 and 1.2, the outer pipes ends 1 a and 1 b, by placing an electrically conductive band 9 that is pervious to molten plastic between the outer pipe 1, or 1.1 and 1.2, and the sleeve coupling 7, ensuring that the bands free ends 10 project upward through the slit 8; and connecting an electric current to the band 9, to the ends 10 brought up through the slit 8, for a determined period of time, for heating the band 9 and the polymer material surrounded by the band so that they fuse together around the band 9 for formation of a weld joint. The method is characterized by the use of at least one power converter Bl comprising a quasi-resonant converter for producing the electric current that is to be connected to two different phases and performing summation of the current via the synchronous operation of two quasi-resonant converters B2 for producing the electric current that is to be connected to the band 9. The invention also relates to an apparatus.



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

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HYDROSTATIC TRANSMISSION DEVICE ENABLING IMPROVED BRAKING •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B41D :0957410 :22/10/2009 :France :PCT/FR2010/052228 :20/10/2010 : NA :NA	(71)Name of Applicant: 1)POCLAIN HYDRAULICS INDUSTRIE Address of Applicant:Route de Compi [*] gne F-60410 Verberie France France (72)Name of Inventor: 1)HEREN Jean 2)VIARD Julien
- 10		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Hydraulic motor (10) with radial pistons with a cylinder block (12) two principal channels (26 28) a fluid distributor (30) a distribution valve (32) per cylinder and a control system (34) for the distribution valves (32). The motor has at least two unitary motors and can function in different regimes in which in each unitary motor each of the cylinders each cylinder is connected on ascending ramps to a first main channel a first unitary motor being a motor in a first regime and inactive or antagonist in a second regime the control system managing the rest of the hydraulic motors in the same way in the two regimes. Hydraulic circuit comprising said motor. Control method for such a motor. [Fig 1]

No. of Pages: 42 No. of Claims: 15

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DRUG PRODUCTS, DRY POWDER INHALERS AND POLYFLUX COLLIDER ARRANGEMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/11/2010 :WO 2011/059953 :NA :NA :NA	(71)Name of Applicant: 1)SCHERING CORPORATION Address of Applicant: 2000 GALLOPING HILL ROAD, KENILWORTH, NEW JERSEY 07033, U.S.A. U.S.A. (72)Name of Inventor: 1)GALLUPPI, MICHAEL 2)BROWN, SCOTT 3)BASILE, PETER, A.
Filing Date	:NA	

(57) Abstract:

This invention relates to dry powder inhalers and drug products and, more particularly to polyflux colliders useful for deagglomerating dry powder in dry powder dispensers. Various embodiments provide drug products, dry powder inhalers and polyflux collider arrangement. With various embodiments of the present invention, a polyflux collider is provided which utilizes colliding streams of dry powder to provide desirable de-agglomerating capability for dry powder dispensers.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : SILYL POLYMERIC BENZOIC ACID ESTER COMPOUNDS, USES, AND COMPOSITIONS 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 	:C07F 7/18 :09173122.4 :15/10/2009 :EUROPEAN UNION :PCT/EP2010/065454 :14/10/2010 :WO 2011/045389 :NA :NA	(71)Name of Applicant: 1)INTERQUIM, S.A. Address of Applicant: JOAN BUSCALLA, 10 E-08173 SANT CUGAT DEL VALLES-BARCELONA, SPAIN. Spain (72)Name of Inventor: 1)GALLARDO SANCHEZ, ADAYA 2)NONELL MARRUGAT, SANTIAGO 3)MARQUILLAS OLONDRIZ, FRANCISCO 4)SALLARES, JOAN 5)MIRALLES BACETE, RICARDO
---	--	---

(57) Abstract:

The present invention relates to organosilicon polymers containing benzoic acid esters in form of particles, process for their preparation, cosmetic or dermatological composition comprising them, as well as their use for protecting a human or animal living body from UV radiation.

No. of Pages: 69 No. of Claims: 15

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DRUG PRODUCTS AND DRY POWDER INHALERS WITH MULTIPLE RESERVOIRS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		(71)Name of Applicant: 1)SCHERING CORPORATION Address of Applicant: 2000 GALLOPING HILL ROAD, KENILWORTH, NEW JERSEY 07033, U.S.A. U.S.A. (72)Name of Inventor: 1)GOTLIBOYM MIKHAIL
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:09/11/2010 :WO 2011/059968 :NA :NA :NA	1)GOTLIBOYM, MIKHAIL 2)BERENSHTEYN, ANNANIY 3)ZUYEV, ALEKSANDR 4)BROWN, SCOTT 5)BERGER, ROBERT, L.

(57) Abstract:

Various embodiments of the present invention provide drug products and dry powder inhalers and powder dispensers with multiple reservoirs. Several embodiments provide a drug product comprising a dry powder inhaler and at least one dose of at least one active pharmaceutical agent; wherein the dry powder inhaler comprises at least two reservoirs. Other embodiments provide for a powder dispenser which includes a first powder reservoir having at least one first opening, and a second powder reservoir having at least one second outlet opening, the second outlet opening being spaced from the first outlet opening.

No. of Pages: 85 No. of Claims: 16

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: MYCOBACTERIAL VACCINES

(51) International classification	:C07K 14/435	(71)Name of Applicant:
(31) Priority Document No	:0918154.6	1)ISIS INNOVATION LIMITED
(32) Priority Date	:16/10/2009	Address of Applicant :EWERT HOUSE EWERT PLACE,
(33) Name of priority country	:U.K.	SUMMERTOWN, OXFORD, OXFORDSHIRE, OX2 7SG, U.K.
(86) International Application No	:PCT/GB2010/051741	U.K.
Filing Date	:15/10/2010	2)IMAXIO SA
(87) International Publication No	:WO 2011//045612	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SPENCER, ALEXANDRA, JANE
Number	:NA	2)COTTINGHAM, MATTHEW, GUY
Filing Date	.11/1	3)HILL, ANDRIAN, VIVIAN, SINTON
(62) Divisional to Application Number	:NA	4)HILL, FERGAL
Filing Date	:NA	

(57) Abstract:

There is provided a fusion protein or a polynucleotide sequence encoding said fusion protein that comprises first and second domains, wherein the first domain of the fusion protein comprises an amino acid sequence having at least 70% sequence identity to the amino acid sequence of SEQ ID NO: 1, or a fragment thereof comprising at least 20 consecutive amino acids thereof; and wherein the second domain of the fusion protein comprises a mycobacterial antigen or an antigenic fragment thereof. Also provided are corresponding therapeutic uses thereof for the protection of primates against mycobacterial infections.

No. of Pages: 168 No. of Claims: 35

(21) Application No.492/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A VENDING 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) Petent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)PRADEEP VERMA Address of Applicant: 1/5554, GALI NO 16, BALBIR NAGAR EXTENSION, SHAHDARA, DELHI 110032 Delhi India 2)Parag Madhur (72)Name of Inventor:
. ,		
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PRADEEP VERMA
Filing Date	:NA	2)Parag Madhur
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a vending machine for dispensing at least one type of liquid. The vending machine comprises a tank for storing liquid; a dispensing valve connected to the tank for dispensing the liquid; a user interface unit for allowing a user to operate the vending machine; a control unit connected to the user interface unit for calculating quantity of liquid to be dispensed; a first load cell attached to a base of the tank, the first load cell configured for monitoring/determining quantity of liquid in the tank; and a communication unit connected to the load cell, the communication unit configured for sending alert signals to an external server based upon variation in quantity of liquid in the tank. Ref. Fig.1

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

(22) Date of filing of Application :24/04/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR IMPLEMENTING SPACE FREQUENCY BLOCK CODING

(51) International classification :H04L 27/08 (31) Priority Document No :60/601,338 (32) Priority Date :12/08/2004 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2005/028487 Filing Date :11/08/2005

(87) International Publication No :WO 2006/020741

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

(62) Divisional to Application Number

Filed on

(71)Name of Applicant:

1)INTERDIGITAL TECHNOLOLGY CORPORATION

Address of Applicant: 3411 SILVERSIDE ROAD, CONCORD PLAZA, SUITE 105, HAGLEY BUILDING,

WILMINGTON DE 19810, U.S.A. U.S.A.

(72)Name of Inventor:

1)KWAK, JAEYOUNG 2) OLESEN, ROBERT, LIND

3)BULTAN, AYKUT 4)ZEIRA, ELDAD 5)KOO, CHANG-SOO 6)OZLUTURK, FAITH 7) HUANG, YUEJIN

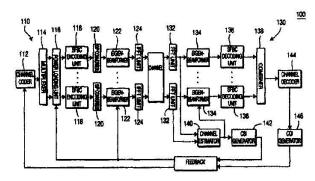
8) PASAD, KALPENDU, R.

(57) Abstract:

The present invention is related to a method and apparatus for implementing space frequency block coding (SFBC) in an orthogonal frequency division multiplexing (OFDM) wireless communication system. The present invention is applicable to both a closed loop mode and an open loop mode. In the closed loop mode, power loading and eigen-beamforming are performed based on channel state information (CSI). A channel coded data stream is multiplexed into two or more data streams. Power loading is performed based on the CSI on each of the multiplexed data streams. SFBC encoding is performed on the data streams for each of the paired subcarriers. Then, eigen-beamforming is performed based on the CSI to distribute eigenbeams to multiple transmit antennas. The power loading may be performed on two or more SFBC encoding blocks or on each eigenmodes. Additionally, the power loading may be performed across subcarriers or subcarrier groups for weak eigenmodes.

:1108/DELNP/2007

:09/02/2007



No. of Pages: 21 No. of Claims: 14

(21) Application No.4009/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELEVATOR BRAKING 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 	:23/12/2009 :WO 2011/078862 :NA :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant:TEN FARM SPRINGS, FARMINGTON, CT 06032, U.S.A. U.S.A. (72)Name of Inventor: 1)BILLARD JUSTIN 2)DRAPER JAMES M. 3)COONEY ANTHONY
Filing Date	:NA	

(57) Abstract:

An exemplary elevator braking device comprises a brake housing. A plurality of rollers are supported by the brake housing. The rollers are arranged to be positioned on opposite sides of a guiderail. The rollers are selectively moveable between a first position in which the rollers are spaced apart a first distance and a second position in which the rollers are spaced apart a second, smaller distance so that the rollers engage and roll along opposite sides of the guiderail. At least one biasing member is supported by the brake housing. The biasing member is associated with at least one of the rollers and biases the associated roller toward the other roller in the second position. A plurality of braking surfaces are supported by the brake housing. At least one braking surface is associated with each of the rollers. Each braking surface engages a periphery of the associated roller that faces the side of the guiderail. Friction between the periphery of the associated roller and the braking surface provides a stopping force.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: WIRELESS DESTINATION ENTRY FOR ELEVATOR DISPATCHING 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 	:B66B 1/36 :NA :NA :NA :PCT/US2010/020442 :08/01/2010 :WO 2011/084160 :NA :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant:TEN FARM SPRINGS ROAD, FARMINGTON, CONNECTICUT 06032, U.S.A. U.S.A. (72)Name of Inventor: 1)TERRY HAROLD
--	--	---

(57) Abstract:

A method (200) for wireless destination entry in an elevator dispatching system, the elevator dispatching system comprising a wireless transmitter/receiver (T/R) includes receiving a request to join a network of the T/R from a wireless device (202); pushing a web page from the T/R to the wireless device (203); receiving a service request by the T/R from the wireless device via the web page (205); communicating the service request from the T/R to a group controller (206); and dispatching an elevator car by the group controller to service the service request (207). A elevator dispatching system (100) and a computer program product comprising a computer readable storage medium containing computer code that, when executed by a computer, implements a method (200) for wireless destination entry in an elevator dispatching system, the elevator dispatching system comprising a wireless transmitter/receiver, are also provided.

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

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : COMPLEXES OF GERMANIUM WITH AMINO ACIDS AND CARBOXYLIC ACIDS AND METHOD FOR PREPARING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2012102525 :25/01/2012 :Russia :PCT/RU2012/000922 :09/11/2012 :WO 2013/112072 :NA :NA	(71)Name of Applicant: 1)OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU WDS FARMA Address of Applicant :ul. Kulakova 20 str. 1G Moscow 123592 Russia (72)Name of Inventor: 1)ISAEV Alexandr Dmitrievich 2)MANASHEROV Tamaz Omarovich 3)AMBROSOV Igor Valerievich 4)MATELO Svetlana Konstantinovna
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to complexes of germanium with amino acids and carboxylic acids of the general formula Ge[OH][AA][CA] (I) where is an amino acid CA is a carboxylic acid = 0.3 b = 1.3 = 0.3 and 1 = b + c = 4 wherein and in the complex can be identical or different and to a method for preparing same. The method consists in preparing an aqueous suspension of germanium dioxide adding an amino acid and a carboxylic acid to the aqueous suspension of germanium oxide produced heating the mixture produced with agitation at a temperature of 40.100° C for 2.14 hours with subsequent filtering removal of the water and production of a complex in solid form. The method makes it possible to prepare stable complexes with a controllable composition and a controllable ratio of germanium to amino acid and carboxylic acid which are stable in solid form and can be used in medicine.

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

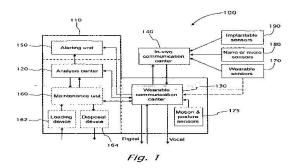
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTINUOUS NON-INTERFERING HEALTH MONITORING AND ALERT 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 	:A61B :61/246,990 :30/09/2009 :U.S.A. :PCT/IL2010/000774 :20/09/2010 :NA	(71)Name of Applicant: 1)HEALTHWATCH LTD. Address of Applicant: 34 HAZEITIM STREET 46307 HERZELIYA ISRAEL Israel (72)Name of Inventor: 1)ROMEM, YORAM
Filing Date	:20/09/2010	1 ' '
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A seamless and preferably substantially continuous health monitoring system, designed for use by a healthy living being but also suitable for non-healthy living being, the system including a control module, a communication unit and one or more sensors. The sensors can be in-vivo nano-sensors, micro-sensors, subcutaneous, wearable or implanted sensors. The control unit includes an analysis subsystem having a processing unit and an alerting unit. Each of the sensors is configured to detect a predetermined physiological or chemical parameter of the living being. The communication unit is facilitated to transmit the detected parameters to the analysis subsystem. The processor analyzes the detected parameters to thereby determine if the health state of the monitored living being is abnormal. When at least one detected parameter or the health state is determined to be abnormal, the alerting unit is operatively activated to alert a predetermined alert receiving entity.



No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :05/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ANTIFOULING COATING COMPOSITION, ANTIFOULING FILM, COMPOSITE FILM, AND I

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :2009-236036 :13/10/2009 :Japan :PCT/JP2010/067764 :08/10/2010 :WO 2011/046087 :NA :NA :NA	(71)Name of Applicant: 1)NIPPON PAINT MARINE COATINGS CO. LTD. Address of Applicant:1-26 Komagabayashiminamicho Nagata-ku Kobe-shi Hyogo 653-0045 Japan. Japan (72)Name of Inventor: 1)Ryo EHARA 2)Haruyasu MINAMI 3)Soichiro TOMIYAMA 4)Masahiro ANJIKI
--	---	---

(57) Abstract:

Provided are an antifouling coating composition containing a hydrolyzable resin having a specific silicon-containing group and a triorganosilyl oxycarbonyl group an antifouling film a composite film and an in-water structure such as a ship using the same. The hydrolyzable resin may further have a specific metal-atom-containing group containing a divalent metal atom. By the antifouling coating composition it is possible to form a coating film having excellent crack resistance while exerting an excellent antifouling property for a long period of time even when no or a small amount of antifouling agent is contained.

No. of Pages: 64 No. of Claims: 18

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PRESSURE MODULE, PRESSURING APPARATUS, AND SUBSTRATE BONDING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L 21/02 :2009-223344 :28/09/2009 :Japan :PCT/JP2010/005823 :28/09/2010 :WO 2011/036900 :NA :NA :NA	(71)Name of Applicant: 1)NIKON CORPORATION Address of Applicant: 12-1, YURAKUCHO 1-CHOME CHIYODA-KU, TOKYO 100-8331 JAPAN Japan (72)Name of Inventor: 1)TANAKA, KEIICHI 2)IZUMI, SHIGETO
---	---	---

(57) Abstract:

In the case of bonding substrates by applying pressure, evenness of the pressure within the substrate surface is an important issue. Disclosed is a pressuring module including: a stage having a mounting surface on which an object to be pressured is mounted; a pressure varying section that varies a pressure distribution across the plane of the mounting surface; and a plurality of pressure detecting sections that detect a pressure of the pressure varying section. The pressure varying section may further include a controller to change the pressure distribution across the plane of the mounting surface, based on the pressure detected by the plurality of pressure detecting sections.

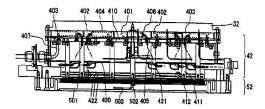


FIG.5

No. of Pages: 63 No. of Claims: 32

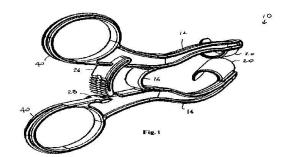
(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SPECULUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61B 17/02 :61/254,263 :23/10/2009 :U.S.A. :PCT/US2010/053909 :25/10/2010 :WO 2011/050352 :NA :NA	(71)Name of Applicant: 1)BEAVER-VISITEC INTERNATIONAL (US), INC. Address of Applicant: 272 EAST DEERPATH ROAD SUITE 328, LAKE FOREST, IL 60045 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)TERRY, FREDERICK M. 2)COTE, DANA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In one aspect, a speculum is provided herein which includes a first arm having a first channel formed thereon adapted to the shape of an eyelid; a second arm having a second channel formed thereon adapted to the shape of an eyelid; a hinge unitarily formed with the first and second arms, the hinge permitting the first and second arms to selectively rotate about an axis rotation, the selective rotation causing the first and second channels to selectively move closer and farther apart; and, a position retaining arrangement. The position retaining arrangement includes a first element formed unitarily with the first arm, and a second element formed unitarily with the second arm. The first and second elements are configured to cooperatively retain the first and second arms in a selected rotational position. Advantageously, with the subject invention, a unitary speculum may be formed which includes an adjustable position retaining arrangement.



No. of Pages: 35 No. of Claims: 15

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR MANUFACTURING REINFORCED ALLOY THROUGH SCATTERING OF NITRIDE NANOPARTICLES

(57) Abstract:

The invention relates to a method for manufacturing a reinforced alloy including a metal matrix wherein nanoparticles are scattered, at least 80% of said nanoparticles having a mean size between 1 nm and 80 nm, said nanoparticles including at least one nitride selected from among the nitrides of at least one metal element M belonging to the group consisting of T.i, Zr, Hf, V, Nb, Ta, Mo, W, Nd, U, and B, the method including the following consecutive steps: a) co-milling 1) a first powder of a precursor of said metal matrix, said precursor mixing with 0.02 to 1 wt% interstitial nitrogen, with ii) at least one second powder including the metal, element M; b) consolidating the mixture of powders obtained from Step (a) such that all or part of the nitrogen is directly combined with the metal element M so as to form the nitride entering into the composition of the nanoparticles that are scattered into the reinforced alloy.

No. of Pages: 24 No. of Claims: 12

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYNTHETIC METHODS FOR SPIRO-OXINDOLE 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 	:C07D 491/20 :61/251,335 :14/10/2009 :U.S.A. :PCT/US2010/052704 :14/10/2010 :WO 2011/047174	(71)Name of Applicant: 1)XENON PHARMACEUTICALS INC Address of Applicant: 3650 GILMORE WAY, BURNABY, BRITISH COLUMBIA V5G 4W8, CANADA. Canada (72)Name of Inventor: 1)CADIEUX, JEAN-JACQUES 2)CHAFEEV, MIKHAIL 3)CHOWDHURY, SULTAN
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	4)FU, JIANMIN 5)JIA, QI 6)ABEL, STEFANIE
(62) Divisional to Application Number Filing Date	:NA :NA	7)EL-SAYED, EMAD 8)HUTHMANN, ELKE 9)ISARNO, THOMAS

(57) Abstract:

This invention is directed to methods of preparing certain spiro-oxindole derivatives, which are useful for the treatment and/or prevention of sodium channel-mediated diseases or conditions, such as pain.

No. of Pages: 48 No. of Claims: 14

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD FOR REMOTE IDENTIFICATION AND CHARACTERIZATION OF HYDROCARBON SOURCE ROCKS USING SEISMIC AND ELECTROMAGNETIC GEOPHYSICAL DATA

(51) International classification	:G01V 1/28	(71)Name of Applicant :
` '		
(31) Priority Document No	:61/259,459	1)EXXONMOBIL UPSTREAM RESEARCH COMPANY
(32) Priority Date	:09/11/2009	Address of Applicant :CORP-URC-SW-359, P.O. BOX 2189,
(33) Name of priority country	:U.S.A.	HOUSTON, TEXAS 77252-2189, UNITED STATES OF
(86) International Application No	:PCT/US2010/053512	AMERICA U.S.A.
Filing Date	:21/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/056444	1)LEONARD J. SRNKA
(61) Patent of Addition to Application	:NA	2)QUINN R. PASSEY
Number		3)KEVIN M. BOHACS
Filing Date	:NA	4)DAVID R. CONVERSE
C	:NA	<u> </u>
(62) Divisional to Application Number		5)YAPING ZHU
Filing Date	:NA	

(57) Abstract:

Method for assessing hydrocarbon source rock potential of a subsurface region without well log information. The method uses surface electromagnetic (121) and seismic (122) survey data to obtain vertical profiles of resistivity and velocity (123), which are then analyzed in the same way as well log data are analyzed by the well known DeltaLogR method (124).

No. of Pages: 40 No. of Claims: 29

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : RUBBER COMPOSITION CONTAINING GLYCEROL AND A FUNCTIONALIZED ELASTOMER AND TREAD FOR A TIRE

(57) Abstract:

The present invention relates to rubber compositions used in particular for the manufacture of treads of tyres, mainly having a low rolling resistance. It relates more particularly to reinforced rubber compositions based on at least (a) one functionalized diene elastomer chosen from elastomers that are chain-end functionalized, coupled or star-branched by a group containing a polar function comprising at least one oxygen atom and block elastomers comprising at least one polar block, (b) glycerol and (c) one reinforcing filler, preferably predominantly inorganic.

No. of Pages: 25 No. of Claims: 17

(22) Date of filing of Application :24/04/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : A CATHETER FOR DEACTIVATING AT LEAST A PORTION OF THE DIGESTIVE ENZYMES IN AN AMOUNT OF THE DIGESTIVE ENZYMES IN AN AMOUNT OF BILE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 5/00 :61/256,221 :29/10/2009 :U.S.A. :PCT/US2010/053762 :22/10/2010 :WO 2011/059668 :NA :NA :NA	(71)Name of Applicant: 1)ETHICON ENDO-SURGERY, INC. Address of Applicant: 4545 CREEK ROAD, CINCINNATI, OH 45242, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MARK S. ORTIZ 2)LUCAS B. ELMER 3)MARK D. OVERMYER 4)ALESSANDRO PASTORELLI 5)FREDERICK E. SHELTON, IV 6)GALEN C. ROBERTSON 7)JEFFREY D. MESSERLY 8)STEPHEN J. BALEK
--	--	--

(57) Abstract:

The present invention generally provides for a catheter for surgically treating a patient. The catheter has an inlet catheter having a proximal end and an open distal end, and first and second branch sections having proximal ends attached to the open distal end of the inlet lumen. The first and second branch sections and distal ends terminating at an open proximal end of an outlet lumen. The first passageway lumen has a device for deactivating at least a portion of the digestive enzymes in an amount of bile.

No. of Pages: 43 No. of Claims: 2

(22) Date of filing of Application :05/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: EXPANDABLE LINER TIEBACK CONNECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2011/048426 :NA :NA	(71)Name of Applicant: 1)READ WELL SERVICES LIMITED Address of Applicant: Viking House 1 Claymore Avenue Bridge of Don Aberdeen AB23 8GW United Kingdom U.K. (72)Name of Inventor: 1)THOMSON Neil 2)WOOD Peter 3)GORRARA Andrew
Filing Date	:NA	

(57) Abstract:

A method of connecting a first tubular member to a second tubular member located in a wellbore the second tubular member including an upper end portion which has a greater diameter than the diameter of the first tubular member the method comprising: lowering the first tubular member into the wellbore until the first tubular member is located at least within the bore of the upper end portion of the second tubular member; and expanding the first tubular member until the first tubular member is sealingly connected to the second tubular member.

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

(21) Application No.6204/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/07/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CHIRAL ISOXAZOLINE AZETIDINE DERIVATIVES AS ANTIPARASITIC AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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/US2013/023673 :29/01/2013 :WO 2013/116236 :NA :NA	(71)Name of Applicant: 1)ZOETIS LLC Address of Applicant:100 Campus Drive Florham Park NJ 07932 U.S.A. (72)Name of Inventor: 1)BILLEN Denis 2)GREENWOOD Sean David William 3)STUK Timothy Lee
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention recites a chiral process for the synthesis of isoxazoline azetidine phenyl substituted derivatives of Formula (1) stereoisomers thereof veterinarily acceptable salts thereof processes for making and their use as a parasiticide in an animal. The variables R1 R1 R2 and R3 are as described herein

No. of Pages: 47 No. of Claims: 14

(21) Application No.6205/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/07/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention: PROCESS FOR PREPARING 4 AMINO 5 BIPHENYL 4 YL 2 HYDROXYMETHYL 2 METHYL PENTANOIC ACID COMPOUNDS

(51) International

:C07D317/34,C07D319/06,C07D249/10

classification

(31) Priority Document :61/599020

(32) Priority Date :15/02/2012

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

country (86) International

:PCT/US2013/026182 Application No

Filing Date

:14/02/2013 (87) International

:WO 2013/123222 **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)THERAVANCE BIOPHARMA R&D IP LLC

Address of Applicant: 901 Gateway Boulevard South San

Francisco California 94080 U.S.A. (72) Name of Inventor:

1)RAPTA Miroslav

(57) Abstract:

The invention provides processes for preparing intermediates useful for preparing compounds of the formula (rV): or a tautomer or salt thereof where R-R5 a b X and P2 are as defined in the specification.

No. of Pages: 51 No. of Claims: 30

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN APPARATUS FOR SAFE DISCHARGE OF HIGH VOLTAGE SOURCE

(51) International classification	:B05B5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Director General, Defence Research & Development
(32) Priority Date	:NA	Organisation
(33) Name of priority country	:NA	Address of Applicant : Ministry of Defence, Room No. 348, B-
(86) International Application No	:NA	Wing, DRDO Bhawan, Rajaji Marg, New Delhi Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HARISH KUMAR GUPTA
(61) Patent of Addition to Application Number	:NA	2)LALIT MOHAN PANDE
Filing Date	:NA	3)MADHVI NARULA
(62) Divisional to Application Number	:NA	4)CHOTTE LAL VISHWAKARMA
Filing Date	:NA	5)AMAR PAL SINGH SODHI

(57) Abstract:

The present disclosure provides an apparatus for safe discharge of a high voltage source comprising: a first metallic terminal electrically connected to a high voltage source; and a second metallic terminal electrically connected to an end of a dump resistor, wherein the dump resistor being connected to an earthing lead; characterized in that the dump resistor, the first metallic terminal and the second metallic terminal are housed in an enclosure made of a non-conducting material and wherein the second terminal is configured to be moved with the help of an insulated means to bring said terminal in contact with the first terminal. Figure 3.

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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : A NATURAL EXTRACT BASED MUCOADHESIVE GEL FOR THE TRANSMUCOSAL DELIVERY OF A DRUG

		(71)Name of Applicant:
(51) International classification	:C12P	1)SHARMA, NITIN
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF
(32) Priority Date	:NA	PHARMACEUTICAL TECHNOLOGY, MEERUT INSTITUTE
(33) Name of priority country	:NA	OF ENGINEERING AND TECHNOLOGY, NH-58, BAGHPAT
(86) International Application No	:NA	CROSSING, PARTAPUR BYEPASS ROAD, MEERUT-
Filing Date	:NA	250005,INDIA. Uttar Pradesh India
(87) International Publication No	:NA	2)KULKARNI, GIRIRAJ. T.
(61) Patent of Addition to Application Number	:NA	3)SHARMA, ANJANA
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)SHARMA, NITIN
Filing Date	:NA	2)KULKARNI, GIRIRAJ. T.
		3)SHARMA, ANJANA

(57) Abstract:

The present invention relates to a natural extract based mucoadhesive gel formulation for the transmucosal route of delivery of the drug. Particularly, the invention provides Abelmoschus esculentus (okra) polysaccharide based mucoadhesive gel formulation comprising Rizatriptan benzoate drug for the nasal route of administration.

No. of Pages: 19 No. of Claims: 10

(21) Application No.2316/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: MIXED MODE LIGANDS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C :61/512,097 :27/07/2011 :U.S.A.	
(86) International Application No Filing Date	:NA :NA	AMERICA, U.S.A. (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)AIT-HADDOU, HASSAN 2)ONYEMAUWA, FRANK 3)HAIGH, JONATHAN
(62) Divisional to Application Number Filing Date	:NA :NA	4)NOCHUMSON, SAMUEL

(57) Abstract:

Substrates comprising a solid support, a ligand, and a linker comprising at least one C, O, N, or S atom covalently connecting the solid support to the ligand, are disclosed, along with methods of using and making the substrates, and devices including the substrates.

No. of Pages: 81 No. of Claims: 14

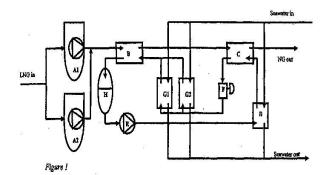
(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A PLANT FOR REGASIFICATION OF LNG

(51) International classification	:F17C 7/04	(71)Name of Applicant:
(31) Priority Document No	:20093341	1)HAMWORTHY GAS SYSTEMS AS
(32) Priority Date	:13/11/2009	Address of Applicant :P.O.BOX 144, N-1371 ASKER,
(33) Name of priority country	:Norway	NORWAY. Norway
(86) International Application No	:PCT/NO2010/000414	(72)Name of Inventor:
Filing Date	:12/11/2010	1)MADSEN, PER, HELGE, S.
(87) International Publication No	:WO 2011/059344	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A plant for regasification of LNG comprises at least one pump (A1, A2) boosting LNG pressure; a LNG/coolant heat exchanger (B) producing NG from LNG being flowed from the boosting pumps; a closed coolant loop extending through the LNG/coolant heat exchanger (B) and including at least one heat exchangers (D, Gl, G2), a coolant from the respective heat exchanger being passed through the LNG heat exchanger as a gas and leaving in a condensed state as to produce NG by thermal exchange; and a heating medium being used within the respective heat exchanger (D, Gl, G2) as to provide coolant in a gaseous state. Moreover, a NG/coolant heat exchanger (C) is arranged in connection with the LNG/coolant heat exchanger (B) and is connected to the closed coolant loop, whereby LNG is preheated within the LNG/coolant heat exchanger and NG is trim heated within the NG/coolant heat exchanger using liquid coolant from at least one heat exchanger (D).



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

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : POLYMORPHS OF NEVIRAPINE AND METHOD FOR INCREASING THE SOLUBILITY OF A TRANSCRIPTASE INHIBITOR COMPOSITION

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2009/07879 :10/11/2009 :South Africa :PCT/IB2010/055077 :09/11/2010 :WO 2011/058498 :NA :NA	(71)Name of Applicant: 1)NORTH-WEST UNIVERSITY Address of Applicant: 1 HOFFMAN STREET, JOON VAN ROOY BUILDING, 2531 POTCHEFSTROOM, SOUTH AFRICA, South Africa (72)Name of Inventor: 1)LIEBENBERG, WILNA 2)STIEGER, NICOLE
Filing Date	:NA	

(57) Abstract:

The invention provides a method for increasing the solubility of nevirapine, including the steps of rendering nevirapine in a gaseous phase; and rendering the gaseous phase in a relatively more soluble solid particulate form. The invention further provides for a crystalline Form-VI (36) of nevirapine having an X-ray diffraction pattern of (2-theta values in degrees) 9.2953, 1 1.2023, 12.7019, 12.9796, 13.5273, 15.4670, 17.2597, 19.1038, 19.7267, 21.1303, 22.9381, 25.5589, 26.4913, 27.2150, 27.7283, 29.7134, and 33.8343 degrees two theta. The invention further provides for the preparation of microspherical and/or nanospherical Form-V (34) and crystalline Form-VI (36) of nevirapine as well as novel dosage forms including parenteral-, inhalant-, transdermal- and oral dosage forms.

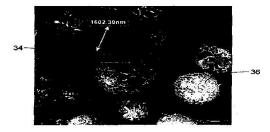


FIGURE 5

No. of Pages: 28 No. of Claims: 22

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

(43) Publication Date: 30/10/2015

(54) Title of the invention: PROCESS FOR PREPARING (11 BETA, 16ALPHA)-9-FLUORO-1-HYDROXY-16,17-[1-METHYL-ETHYLI-DENEBIS (OXY)]-21-[1-OXO-[4-(NITROOXYMETHYL) BENZOXY]] PREGNA-1,4-DIEN-3,20-DIONE

(51) International classification	:C07C
(31) Priority Document No	:P 200930999
(32) Priority Date	:16/11/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/EP2010/06744
Filing Date	:15/11/2010
(87) International Publication No	:WO 2011/058161
(61) Patent of Addition to Application	:NA
Number Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(57) Abstract ·	

(71)Name of Applicant:

1) FERROR INTERNACIONAL, S.A.

Address of Applicant: GRAN VIA CARLES III, 94, E-08028

BARCELONA, SPAIN Spain

2)NICOX S.A.

(72) Name of Inventor:

1)LUIS ANGLADA

2)ALBERT PALOMER

3)LUIS SOBRAL

4) CARLOS ALVAREZ

(57) Abstract:

This invention relates to a new process for preparing (11, 16α)-9-fluoro-11-hydroxy-16,17-[1 -methyl-ethylidenebis(oxy)]-21 -[1 oxo-[4-(nitrooxymethyl)benzoxy]]pregna-1,4-dien-3,20-dione, comprising the steps of (i) reaction of triamcinolone acetonide with 4-(nitrooxymethyl)benzoic, 4-dimethylaminopyridine and N-N-diisopropylcarbodiimide, (ii) crystallisation, and (iii) controlled precipitation.

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

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING FLUROXYPYR AND PENOXSULAM, HALOSULFURON-METHYL, IMAZAMOX OR IMAZETHAPYR

(51) International classification	:A01N 43/54	(71)Name of Applicant:
(31) Priority Document No	:61/255,689	1)DOW AGROSCIENCES LLC
(32) Priority Date	:28/10/2009	Address of Applicant :9330 ZIONSVILLE ROAD,
(33) Name of priority country	:U.S.A.	INDIANAPOLIS, INDIANA 4628, UNITED STATES OF
(86) International Application No	:PCT/US2010/054221	AMERICA U.S.A.
Filing Date	:27/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/056631	1)RICHARD MANN
(61) Patent of Addition to Application	:NA	2)MONTE WEIMER
Number		3)ANDREA MCVEIGH-NELSON
Filing Date	:NA	4)ANDREW ELLIS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		·

(57) Abstract:

An herbicidal synergistic composition containing (a) fluroxypyr and (b) an ALS inhibitor herbicide, in which the ALS inhibitor herbicide is penoxsulam, halosulfuron-methyl, imazamox or imazethapyr, provides improved post-emergence weed control in rice, cereal and grain crops, pastures, rangelands, IVM and turf.

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

(21) Application No.4034/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: IMPROVED PEPTIDOMIMETIC MACROCYCLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Petent of Addition to Application 	:A61K 38/12 :61/251,709 :14/10/2009 :U.S.A. :PCT/US2010/052762 :14/10/2010 :WO 2011/047215	(71)Name of Applicant: 1)AILERON THERAPEUTICS, INC. Address of Applicant: 281 ALBANY STREET, CAMBRIDGE, MA 02139, U.S.A. U.S.A. (72)Name of Inventor: 1)NASH, HUW, M. 2)ANNIS, DAVID, ALLEN 3)CHERI AVAIS, VINCENT
•		

(57) Abstract:

The present invention provides biologically active peptidomimetic macrocycles with improved properties, such as protease resistance, relative to their corresponding polypeptides. The invention additionally provides methods of preparing and using such macrocycles, for example in therapeutic applications.

No. of Pages: 195 No. of Claims: 33

(21) Application No.4036/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: USE OF A NEUREGULIN TO TREAT PERIPHERAL NERVE INJURY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 38/18 :61/251,583 :14/10/2009 :U.S.A. :PCT/US2010/052715 :14/10/2010 :WO 2011/047183 :NA :NA	(71)Name of Applicant: 1)ACORDA THERAPEUTICS, INC. Address of Applicant: 15 SKYLINE DRIVE, HAWTHORNE, NY 10532, U.S.A. U.S.A. (72)Name of Inventor: 1)ANTHONY O. CAGGIANO 2)ANTHONY J. BELLA 3)JENNIFER F. IACI
---	--	--

(57) Abstract:

Emnodiments of the invention are directed to use of neurogulins to prevent or treat peripheral nerve injury, to ot-lenuate ameliorale or avoid the less of peripheral nerve function.

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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR CHARACTERIZING AT LEAST ONE MICROORGANISM BY MEANS OF MASS SPECTROMETRY

(71)Name of Applicant: (51) International classification :C12Q 1/04 1)BIOMERIEUX (31) Priority Document No :0957218 Address of Applicant : CHEMIN DE I'ORME, F-69280 (32) Priority Date :15/10/2009 MAREY L'ETOILE, FRANCE, France (33) Name of priority country :France (72) Name of Inventor: (86) International Application No :PCT/FR2010/052181 1)CORINNE BEAULIEU Filing Date :14/10/2010 2)YANNICK CHARRETIER (87) International Publication No :WO 2011/045544 3) JEAN-PHILIPPE CHARRIER (61) Patent of Addition to Application :NA 4)SONIA CHATELLIER Number 5)PHILIPPE DUFOUR :NA Filing Date 6) CHRISTINE FRANCESCHI (62) Divisional to Application Number :NA 7) VICTORIA GIRARD Filing Date :NA 8)SYLVIE PONS

(57) Abstract:

The present invention relates to a method for characterizing at least one microorganism from a sample, said method including identifying said at least one microorganism and determining the properties of typing, potential resistance to at least one antimicrobial, and virulence factor, characterized in that determining the properties of typing, resistance to at least one antimicrobial, and virulence factor for said at least one microorganism is implemented by means of mass spectrometry through the use of proteins, peptides and/or metabolites as markers of said properties of typing, resistance to at least one antimicrobial, and virulence factor.

No. of Pages: 218 No. of Claims: 33

(21) Application No.4038/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FLAT, TEXTILE GLASS FIBER MATERIAL

(51) International classification (31) Priority Document No	:D06N 7/00 :09013084.0	(71)Name of Applicant : 1)VITRULAN TEXTILE GLASS GMBH
(32) Priority Date	:16/10/2009	Address of Applicant :BERNECKER STRASSE 8, 95509
(33) Name of priority country	:EUROPEAN UNION	MARKTSCHORGAST, GERMANY Germany (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2010/006295 :14/10/2010	1)KATRIN ROTHE 2)MICHAEL GEBHARDT
(87) International Publication No	:WO 2011/045064	3)GUNNAR ZAPF
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a flat, textile glass fibre material which is distinguished by the visible-side forming the front-side and the rearside being provided with a specific coating made of polyurethane.

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

(21) Application No.4059/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: TRICYCLIC PYRAZOL AMINE DERIVATIVES'

(51) International classification	:C07D 495/04	(71)Name of Applicant:
(31) Priority Document No	:09175933.2	1)MERCK SERONO S.A.
(32) Priority Date	:13/11/2009	Address of Applicant :CENTRE INDUSTRIEL, 1267
(33) Name of priority country	:EPO	COINSINS, SWITZERLAND Switzerland
(86) International Application No	:PCT/EP2010/067412	(72)Name of Inventor:
Filing Date	:12/11/2010	1)GAILLARD PASCALE
(87) International Publication No	:WO 2011/058149	2)JEANCLAUDE-ETTER ISABELLE
(61) Patent of Addition to Application	:NA	3)POMEL VINCENT
Number	:NA	4)SEBILLE ERIC
Filing Date	.IVA	5)JEYAPRAKASHNARAY ANAN SEENISAMY
(62) Divisional to Application Number	:NA	6)MUZERELLE MATHILDE
Filing Date	:NA	

(57) Abstract:

This invention relates to compounds of Formula (I) as Pi3k inhibitors for treating autoimmune diseases, inflammatory disorders, multiple sclerosis and other diseases like cancers.

No. of Pages: 582 No. of Claims: 15

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : DEMUCILATING, CLEANING AND WASHING VERTICAL ASCENDING MULTISTAGE DOUBLE BASKET MACHINE FOR DEPULPED COFFEE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A23N 5/08 :PI1002198-1 :11/02/2010 :Brazil :PCT/IB2011/050556 :10/02/2011 :WO 2011/098964 :NA :NA	(71)Name of Applicant: 1)PENAGOS HERMANOS & CIA LTDA. Address of Applicant: CALLE 72 NO. 5-83 PISO 5°, BOGOTA 11001000 COLOMBIA. COLUMBIA 2)ALVARO ARDILA DUARTE (72)Name of Inventor: 1)ARIZA ELIAS 2)ARDILA DUARTE ALVARO
1 (01110 01		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is developed in the farming machinery field used during the wet stage of the coffee and refers to an apparatus that allows carrying out the processes of demucilaging, cleaning and washing of the previously depulped coffee seedcases using a low water and power consumption. Said apparatus comprises a mechanical feeding system for depulped beans, as well as a system for removing the mucilage and further washing of the beams that is constituted by a vertical rotor provided with metallic fingers that generate friction between the grains to be demucilaged, and also two metallic baskets, the first one is conical shaped -where a variable pressure zone between beans is generated, making possible a efficient detachment of the mucilage-, and the second one is cylindrical shaped one -zone of greater agitation between the beans and lower pressure between them and where a minimal amount of water is used for final washing-, which are built with square rods forming a continuous spiral which enables an easy evacuation of mucilage and other impurities through the horizontal slots due to the centrifugal force produced by the spin of a rotor. Finally, the present invention refers to a method for demucilaging, cleaning and washing depulped coffee by using of the above mentioned integral machine.

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

(21) Application No.4061/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DISPLAY AND LABELED ARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/10/2010 :WO 2011/068002 :NA :NA	(71)Name of Applicant: 1)TOPPAN PRINTING CO., LTD. Address of Applicant:5-1, TAITO 1-CHOME, TAITO-KU, TOKYO 110-0016 JAPAN. Japan (72)Name of Inventor: 1)NAGANO AKIRA 2)NISHIHARA TAKASHI 3)MITSUI KAZUNARI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Characteristic visual effects can be achieved. A display (1) includes one or more relief structures (RS1). Each relief structure (RS1) includes a smooth first reflection surface (21) and a plurality of protrusions or recesses. Each top surface of the protrusions or each bottom of the recesses is a smooth second reflection surface parallel to the first reflection surface. Each relief structure (RS1) displays a mixed color as a structural color.

No. of Pages: 123 No. of Claims: 19

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: FINE PERFORATED SHIELD FOR AUTOMOBILES

(51) International classification	:B60J 1/20	(71)Name of Applicant :
(31) Priority Document No	:2009101466	1)EI- SEGAI, AZZA ABD EI- MONEIM
(32) Priority Date	:04/10/2009	Address of Applicant :6 EI- SALAM STREET, BESIDE OF
(33) Name of priority country	:Egypt	EI- KADI FACTORY, HOUSE OF SHAABAN EI- QALIUBI,
(86) International Application No	:PCT/EG2010/000038	PO BOX 262 MAHALLA EI- KUBRA, GHARBIYA, EGYPT
Filing Date	:29/09/2010	(EG). Egypt
(87) International Publication No	:WO 2011/038744	(72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)EI- SEGAI, AZZA ABD EI- MONEIM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

One of the main drawbacks of the current ventilation system in all cars window is the presence of glass windows that could either be manually or electrically opened and closed. On closing such windows there would be a non renewable limited aeration that would cause suffocation, asphyxia or even death of the driver and the remaining passengers, especially when the driver is to be forced to take breaks or sleep for refreshment during the long travels. If the driver would leave the car windows opened for aeration he and the passengers would be subjected to either mosquito bites or inset stings. This would subject them to infectious diseases. Moreover the reptiles, insects, the flying insects, also the snakes and scorpions would enter the cars especially in the desert and mountain areas. Furthermore the cars and the passengers would be attacked by robbers and thieves (would be stolen). Also, they would be subjected to wild animals attack. This new idea of adding a fine perforated shield (with a reinforcing frame having the same original car windows dimension to allow its movement without causing any harm or damage) as a protection from the previous drawbacks. Add to scattering of the stream of air that develops during driving the automobiles that may endanger the facial nerves causing transient facial paralysis of the affected side. Also protect the asthmatic patients from the condensed wind elaborated during driving the automobiles that would make difficulties in breathing. Moreover it guards against the affection of the eyes from the condensed wind elaborated during driving the automobiles. Furthermore it protects both the infants and the young children from all the previously mentioned complications in addition to prevent them from being extruded from automobiles windows so protecting them from being endangered from the other moving cars or from other objects in the roads while the automobiles are walking.

No. of Pages: 35 No. of Claims: 15

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: COAXIAL TUBE SOLAR HEATER WITH NIGHTTIME COOLING

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:F24J 2/44 :61/281,819 :23/11/2009 :U.S.A. :PCT/US2010/003046 :23/11/2010 :WO 2011/062649 :NA :NA :NA	(71)Name of Applicant: 1)TEOH, SIANG TEIK Address of Applicant: NO.2, JALAN SS 14/7F 47500 SUBANG JAYA, SELANGOR MALAYSIA Malaysia (72)Name of Inventor: 1)TEOH, SIANG TEIK
--	--	--

(57) Abstract:

Disclosed is a solar water-heating-and-cooling system (20) that included a collector array panel (32, 36) having thermosyphon coaxial heating/cooling tubes (52). The disclosed system (20) avoids damaging the collector array panel (32, 36) by filling the tubes (52): l.only when environmental conditions ensure that damage wont occur; and/or 2. using a filling method that ensures that damage wont occur. Thermosyphon coaxial heating/cooling tubes (52) disclosed herein may be open both at their upper and lower ends. Tubes (52) that are open at their lower end enables capturing radiative cooling of liquid present within the tubes (52). A cold water storage tank (46) and cold radiator array (48) included in the water-heating-and-cooling system (20) permits preserving and using the radiative cooling. Also disclosed are coaxial tubes (104, 106) that enable simpler and easier installation of the system (20), and also provide a less architecturally intrusive system (20).

No. of Pages: 93 No. of Claims: 35

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD OF CONTROLLING PRODUCT VOLUME IN A FIXED VOLUME MOLD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29D 30/08 :NA :NA :NA :PCT/US2009/066039 :30/11/2009 :WO 2011/065951 :NA :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant:12 COURS SABLON, F-63000 CLERMONT-FERRAND, FRANCE France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)MARK CREASAP 2)JAMES ENDICOTT 3)ROBERT GAUT 4)BRIAN WILSON
--	--	---

(57) Abstract:

A method for precisely controlling the volume of a product such as a tire tread or tire that is placed into a mold is provided. This method includes providing a tread or tire that is built upon a portable mold core by laying a series of layers on the portable mold core. The outer diameter of the tire tread or tire is initially built to be purposely smaller than the interior surfaces of the mold in order to prevent any interference from occurring between the mold and the tire tread once the tire tread and core are placed within the mold and the mold is closed. The weight of the tire tread or tire is measured to see if the volume of the tire tread or tire is within acceptable parameters to fit within the mold. If not, additional material is added to the tire or tire tread.

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

(22) Date of filing of Application :08/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : TELECOMMUNICATIONS METHOD, PROTOCOL AND APPARATUS FOR IMPROVED QUALITY OF 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 (62) Divisional to Application Number 	: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)ZOLTAN, RICHARD, TURANYI 2)GYORGY, MIKLOS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A telecommunications network adapted to process data packets according to the client mobile internet protocol domain is extended to provide bearer capability, such that subsessions can be used to distinguish one portion of traffic from another. A different Quality of Service (QoS) can be assigned to each bearer. The bearers can be setup by a mobile node or a home agent in the telecommunications network.

No. of Pages: 34 No. of Claims: 14

(22) Date of filing of Application :08/05/2012

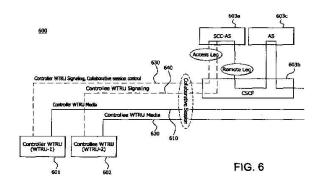
(43) Publication Date: 30/10/2015

(54) Title of the invention : COLLABORATIVE SESSION CONTROL TRANSFER AND INTER-DEVICE TRANSFER IN INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04L 29/06 :61/259,818 :10/11/2009 :U.S.A.	(71)Name of Applicant: 1)INTERDIGITAL PATENT HOLDINGS, INC. Address of Applicant: 3411 SILVERSIDE ROAD, CONCORD PLAZA, SUITE 105, HAGLEY BUILDING, WILMINGTON, DELAWARE 19810, U.S.A. U.S.A.
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:09/11/2010 :WO 2011/059974 :NA :NA :NA	(72)Name of Inventor: 1)SHAHEEN, KAMEL, M.

(57) Abstract:

Methods and apparatus are disclosed for a wireless transmit/receive unit (WTRU) to request collaborative session control transfer for transferring control of an Internet Protocol (IP) multimedia subsystem (IMS) collaborative session from a controller WTRU to another WTRU, such as a controllee WTRU. The collaborative session control transfer request is sent to an IMS Service Centralization and Continuity Application Server (SCC AS). Methods and apparatus are also disclosed for a WTRU to request inter device transfer (IDT) for transferring an IMS collaborative session media session flow from one WTRU to another WTRU.



No. of Pages: 91 No. of Claims: 15

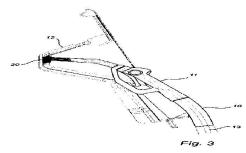
(22) Date of filing of Application :08/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : DISPENSING UNIT HAVING A CIRCULATION SYSTEM AND A METHOD FOR CIRCULATING A FLUID IN A DISPENSING UNIT

(57) Abstract:

A dispensing (1) unit having a circulation system (7) for circulating a fluid in the dispensing unit (1). The circulation system (7) comprises, a circulation circuit, and means (9) for circulating the fluid in the circulation circuit. By circulating the fluid, the fluid is counteracted from crystallizing. A method for circulating a fluid in a dispensing unit (1) is also provided.



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

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AIR CONDITIONING COMPRESSOR FOR A VEHICLE AND VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/09/2010 :WO 2011/057843 :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: POSTFACH 30 02 20, 70442 STUTGART, GERMANY. Germany (72)Name of Inventor: 1)NOACK, BJOERN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An air conditioning compressor (1) for a vehicle (24), particularly a motor vehicle (25), comprising a compression chamber (18) having an inlet (7) for a cooling medium to be compressed, and an outlet (8) for the compressed cooling medium, wherein a wall of the compression chamber (18) is formed at least in sections by a translationally displaceable piston (3). In an embodiment, an end of the piston (3) facing away from the compression chamber forms at least one wall region of a control pressure chamber (19).

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

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: ELECTRONICALLY COMMUTATED ELECTRIC MOTOR HAVING REDUCED INTERFERENCE **EMISSION**

(51) International classification	:H02K 1/14	(71)Name of Applicant:
(31) Priority Document No	:10 2009 047 461.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:03/12/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTGART, GERMANY. Germany
(86) International Application No	:PCT/EP2010/064875	(72)Name of Inventor:
Filing Date	:06/10/2010	1)HEIN, BERND
(87) International Publication No	:WO 2011/067015	2)THIERY, JEROME
(61) Patent of Addition to Application	:NA	3)HEIER, CHRISTOPH
Number		4)LUNGHARD, KARLHEINZ
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract ·		•

(57) Abstract:

Described herein is a stator assembly (7) for an electric motor (1), particularly for a rotary claw pole motor, comprising an electrically conductive stator (8, 9) having a winding channel extending in a circumferential direction, a stator winding (6) extending in the winding channel, feed lines (5) for electrically contacting the stator winding (6), and a contact element (13), which electrically connects one of the feed lines (5) to the stator.

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

(21) Application No.4051/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTROLLED SYNTHESIS OF POLYGLUTAMIC ACID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K 1/12 :61/287,129 :16/12/2009 :U.S.A. :PCT/US2010/060327 :14/12/2010 :WO 2011/075483 :NA :NA :NA	(71)Name of Applicant: 1)NITTO DENKO CORPORATION Address of Applicant:1-1-2 SHIMOHOZUMI, OSAKA, IBARAKI, 567-8680 (JP). Japan (72)Name of Inventor: 1)WANG, HAI 2)TAYLOR, WENDY, DIANNE
--	--	--

(57) Abstract:

Disclosed herein are processes for obtaining polyglutamic acid. The processes disclosed herein are controlled processes for obtaining polyglutamic acid with a desired weight average molecular weight.

No. of Pages: 34 No. of Claims: 24

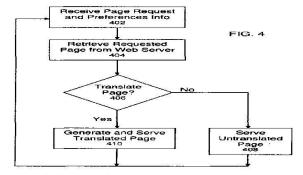
(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROXY SERVER

(51) International classification(31) Priority Document No(32) Priority Date	:G06F 17/30 :12/626,410 :25/11/2009	(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	:PCT/EP2010/067461	(72)Name of Inventor:
Filing Date	:15/11/2010	1)PERSSON, PATRIK
(87) International Publication No	:WO 2011/064117	2)PERSSON, PER
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Methods and a preprocessing proxy server in a communication system can support any mode of web browser operation and enable a user selectively to bypass or enable the proxy servers translation of requested web content. For example, a translation selection decision can be made based on the requested content (e.g., active HTML) or user input. Selection is made between the original representation of a web page and a translated one, i.e., a representation that is adapted to one or more characteristics of the receiving device, such as a smaller screen, lower screen resolution, low communication bandwidth, etc. The decision on whether to translate is preferably made by a proxy server in the network, and the decision is based on one or more of the following criteria: requested-page content, user preferences, and statistics. An advantage of interposing a proxy server in this arrangement is that all web servers can remain unchanged.



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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD OF USING A SPRAY GUN AND MATERIAL PRODUCED THEREBY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B05B 12/08 :61/250,250 :09/10/2009 :U.S.A. :PCT/US2010/052029 :08/10/2010 :WO 2011/044491 :NA :NA :NA	(71)Name of Applicant: 1)ALPHAGEN MATERIALS TECHNOLOGY, INC. Address of Applicant:110 E. 4TH STREET, VINTON, IA 52349, U.S.A. U.S.A. 2)MERCHANT, MATTHEW (72)Name of Inventor: 1)MERCHANT, MATTHEW
--	---	--

(57) Abstract:

An apparatus for mixing a first material with a second material and then spraying the resultant material onto a surface. The second material is mixed with a gas before the being introduced to the first material. A static charge is created and deposited onto the resultant material to help align the resultant material particles.

No. of Pages: 35 No. of Claims: 27

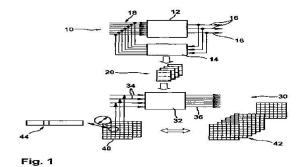
(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR SETTING FUNCTIONAL PARAMETERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F02D 41/24 :10 2009 054 902.1 :17/12/2009 :Germany :PCT/EP2010/068748 :02/12/2010 :WO 2011/073036 :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)JOHANNABER, MARTIN 2)REGER, MAXIMILIAN
(61) Patent of Addition to Application		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein is a method for setting functional parameters of a controller (200) for a motor vehicle comprising specifying at least one target parameter is prescribed in a weighted characteristic map (40), wherein the at least one target parameters represents a behavior of the motor vehicle; and associating with a model of optimal parameters (32) in the weighted characteristic map (40), so that predefined target parameters are associated with a set of optimal parameters set as the functional parameters. In an implementation, at least two target parameters are given in the at least one weighted characteristic map (40, 204), and the model of optimal parameters of all optimal parameters of all compromises comprises the target parameter on all necessary operating points.



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

(22) Date of filing of Application :20/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR RECOGNISING STARTING ABILITY

(51) International classification	:G01R 31/36	(71)Name of Applicant:
(31) Priority Document No	:102010000679.3	1)ROBERT BOSCH GMBH
(32) Priority Date	:05/01/2010	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY Germany
(86) International Application No	:PCT/EP2011/050042	(72)Name of Inventor:
Filing Date	:04/01/2011	1)YUVARAJAN, G
(87) International Publication No	:WO 2011/083108	2)SENGEBUSCH, FALCO
(61) Patent of Addition to Application	:NA	3)DCRUZ, JOHN ALEX
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described herein is a method for recognizing the starting ability, particularly of a starter battery for a start-stop control of an internal combustion engine in a motor vehicle, wherein the internal combustion engine is started with the starting device powered by the starter battery, and a device is provided for recognizing the battery state, in which the methods runs. The method comprises dividing the operating state of the internal combustion engine in three different phases (A, B, C), and performing a battery state detection method for each of three phases (A, B, C). In an implementation, the three different phases (A, B, C) are the actual starting phase (A), the driving state (B), and the stationary phase (C).

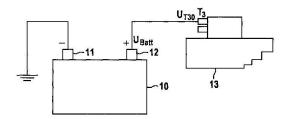


Fig. 1

No. of Pages: 34 No. of Claims: 13

(22) Date of filing of Application :24/04/2012 (43) Pr

(43) Publication Date : 30/10/2015

(54) Title of the invention : ADHESIVE COMPOSITION FOR SOFT TISSUES, ADHESIVE COMPOSITION FOR WOUND DRESSING OR WOUND DRESSING 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 	:A61L 24/00 :2009-265647 :20/11/2009 :Japan :PCT/JP2010/070546 :18/11/2010 :WO 2011/062214 :NA :NA :NA	(71)Name of Applicant: 1)MITSUI CHEMICALS, INC. Address of Applicant:5-2, HIGASHI-SHIMBASHI 1- CHOME, MINATO-KU, TOKYO 105-7117, JAPAN Japan (72)Name of Inventor: 1)NORIAKI ASADA 2)SHINYA AKOI 3)HIROSHI NARUSE 4)SHOICHI MIYAKOSHI 5)MASAMI ARATA
--	---	---

(57) Abstract:

The adhesive composition for soft tissues, the adhesive composition for wound dressing or the wound dressing agent composition of the present invention is an adhesive composition for soft tissues, an adhesive composition for wound dressing or a wound dressing agent composition, comprising a monomer (A), a polymer (B) and a polymerization initiator composition (C) containing an organoboron compound, and is characterized by having a viscosity of 0.4 to 75,000 cp within 30 seconds after mixing of the components (A), (B) and (C). The composition of the present invention not only has low toxicity, low harmfulness and high adhesive strength but also is excellent in workability during application and is capable of forming films of excellent properties.

No. of Pages: 117 No. of Claims: 16

(21) Application No.3973/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SORAFENIB ETHYLSULFONATE SALT, PROCESS FOR PREPARATION AND USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12/11/2010 :WO 2011/058522 :NA :NA :NA	(71)Name of Applicant: 1)RANBAXY LABORATORIES LIMITED Address of Applicant:12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India (72)Name of Inventor: 1)JAGDEV SINGH JARYAL 2)SWARGAM SATHYANARAYANA 3)RAJESH KUMAR THAPER 4)MOHAN PRASAD
Filing Date	:NA :NA	

(57) Abstract:

The present invention provides sorafenib ethane sulphonate, process for its preparation, pharmaceutical composition comprising sorafenib ethane sulphonate and its use for the treatment of cancer.

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

(21) Application No.3963/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE FOR SECURING RAILWAY LINES

(51) International classification	:E01B 17/00	(71)Name of Applicant:
(31) Priority Document No	:20093434	1)JAN ERIK DAHLHAUG
(32) Priority Date	:27/11/2009	Address of Applicant :H~YEGGEN 68, NO-7224 MELHUS,
(33) Name of priority country	:Norway	NORWAY. Norway
(86) International Application No	:PCT/NO2010/000342	(72)Name of Inventor:
Filing Date	:20/09/2010	1)DAHLHAUG, JAN ERIK
(87) International Publication No	:WO 2011/065834	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The device (20, 30) for securing railway tracks, which is formed by railway sleepers (11) to which parallel rails (12) are placed, on which track running vehicles such as trains, city light rails, trams, etc., traffic. The device (20, 30) is designed to prevent animals or humans from loitering on the tracks. The device (20, 30) includes elevations (21) which stretch between the rails (12). The elevations (21) are placed permanently on or integrated into the railway sleepers (11, 20), or the elevations (21) are placed between the conductor rails (22) that are attached to the sleepers (11, 20). The elevations (21) are placed at reciprocal distances and form elevations on the tracks which make it uncomfortable for humans and animals to walk on them.

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: INCLUSION DETECTION IN POLISHED GEMSTONES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G01N 21/87 :0919235.2 :03/11/2009 :U.K. :PCT/EP2010/066641 :02/11/2010 :WO 2011/054822	(71)Name of Applicant: 1)DE BEERS CENTENARY AG Address of Applicant :ALPENSTRASSE 5, LUCERNE 6, 6000 SWITZERLAND Switzerland (72)Name of Inventor: 1)SMITH, JAMES, GORDON, CHARTERS 2)POWELL, GRAHAM, RALPH
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2011/054822 :NA	2)POWELL, GRAHAM, RALPH
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus for generating a 3D model of and/or detecting inclusions in a polished gemstone such as diamond is described. The gemstone is rotated in a series of discrete increments. At each rotational position of the gemstone, the gemstone is illuminated with collimated light and a silhouette image recorded. At each rotational position, the gemstone is also (before further rotation) illuminated with diffuse light, and a diffuse image recorded. The images are analysed to obtain a 3D model of the surface of the gemstone. Features may then be identified in the diffuse images and tracked between subsequent diffuse images. The tracked features may be located relative to the 3D model of the gemstone, taking into account reflection and refraction of light rays by the gemstone. Some or all of the located features may then be identified as inclusions.

No. of Pages: 37 No. of Claims: 36

(21) Application No.3969/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYRINGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M 5/315 :09176607.1 :20/11/2009 :EPO :PCT/EP2010/067869 :19/11/2010 :WO 2011/061313 :NA :NA	(71)Name of Applicant: 1)NOVARTIS AG Address of Applicant: LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND. Switzerland (72)Name of Inventor: 1)BEDFORD TONY 2)BISHOP DUNCAN 3)GOW ANDREW 4)HARRIS DAVE 5)HAWSON NICK 6)LLOYD-LUCAS DOMINIC 7)MURPHY MARTIN 8)ROYER CHRISTOPHER
--	---	--

(57) Abstract:

A syringe for dispensing a fluid, the syringe including a barrel including a discharge end defining a discharge passage, and a plunger disposed within the barrel, the plunger being adapted to move within the barrel such that the plunger and discharge end define a variable volume chamber within the barrel and the plunger is capable of displacing fluid from the chamber through the discharge passage; wherein the syringe includes a rotational element adapted to rotate about longitudinal axis of the syringe and which has a first axial orientation relative to the discharge end of the barrel and a first stop is provided on the plunger and/or the barrel which is adapted to limit axial movement of the plunger in the first orientation of the rotational element, and the rotational element has a second axial orientation relative to the discharge end of the barrel in which the first stop is disengaged and movement of the plunger is permitted to a second stop.

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

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ABT-263 CAPSULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 9/48 :61/289,289 :22/12/2009	(71)Name of Applicant: 1)ABBVIE INC., Address of Applicant: 1 NORTH WAUKEGAN ROAD, NORTH CHICAGO, IL 60064, USA. U.S.A. (72)Name of Inventor: 1)TONG PING 2)ZHOU DELIANG 3)ZHANG GEOFF G Z 4)HEEMSTRA KATHERINE 5)FISCHER CRISTINA M. 6)CATRON NATHANIEL 7)SCHMITT ERIC A. 8)SANZGIRI YESHWANT D.
--	--	---

(57) Abstract:

A pharmaceutical capsule comprises a shell having encapsulated therewithin a liquid solution of ABT-263 or a pharmaceutically acceptable salt thereof in a substantially non-ethanolic carrier that comprises as pharmaceutically acceptable excipients (a) at least one phospholipid, (b) at least one solubilizing agent for the at least one phospholipid, selected from the group consisting of glycols, glycerides and mixtures thereof, (c) at least one non-phospholipid surfactant and (d) at least one sulfur-containing antioxidant. The capsule is useful in treatment of a disease characterized by overexpression of one or more anti-apoptotic Bcl-2 family proteins, for example cancer.

No. of Pages: 70 No. of Claims: 35

(21) Application No.3994/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TROCAR ASSEMBLY

(51) International classification	:A61B 17/34	(71)Name of Applicant:
(31) Priority Document No	:12/575,598	1)ETHICON ENDO-SURGERY, INC
(32) Priority Date	:08/10/2009	Address of Applicant :4545, CREEK ROAD, CINCINNATI,
(33) Name of priority country	:U.S.A.	OH 45242, U.S.A. U.S.A.
(86) International Application No	:PCT/US2010/051477	(72)Name of Inventor:
Filing Date	:05/10/2010	1)SHAILENDRA K. PARIHAR
(87) International Publication No	:WO 2011/044127	2)HARESH PATIL
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A trocar sleeve assembly including a cannula connected to a housing assembly to define a working channel, wherein the housing assembly includes a housing that defines an opening in fluid communication with the working channel, a sleeve slidably received over the housing to define an annular region between the sleeve and the housing, a first sealing member forming a first seal between the sleeve and the housing, and a second sealing member forming a second seal between the sleeve and the housing, the second sealing member being axially spaced from the first sealing member to define a chamber in the annular region, and an insufflation port in fluid communication with the chamber, wherein the sleeve is slidable relative to the housing between a first position, wherein the chamber is in fluid communication with the opening, and a second position, wherein the chamber is fluidly decoupled from the opening.

No. of Pages: 107 No. of Claims: 20

(21) Application No.3995/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : LIGHT-EMITTING DIODE DRIVING APPARATUS AND LIGHT-EMITTING DIODE DRIVING OPERATION CONTROLLING 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 (87) International Publication No (88) International Publication No (89) International Publication No (90) Example 100 (10) Example 200 (10) Example 2	(71)Name of Applicant: 1)NICHIA CORPORATION Address of Applicant: 491-100, OKA, KAMINAKA-CHO, ANAN-SHI, TOKUSHIMA 774-8601, JAPAN. Japan (72)Name of Inventor: 1)SHUJI MUGURUMA 2)WATARU OGURA 3)TERUO WATANABE
--	--

(57) Abstract:

A LED driving apparatus includes a rectifying circuit 2, first, second and third blocks 11,12 and 13, and first and second switching portions. The rectifying circuit 2 is connected to AC power supply, and rectifies AC voltage of the AC power supply to provide pulsating current voltage. Each block includes a plurality of LEDs. The first, second and third blocks 11,12 and 13 are serially connected to the output side of the rectifying circuit 2. The first switching portion switches ON/OFF of a first bypass path BP1 based on flowing current amount in the first block 11. The first bypass path BP1 bypasses the second block 12. The second switching portion switches ON/OFF of a second bypass path BP2 based on flowing current amount in the first and second blocks 11 and 12. The second bypass path BP2 bypasses the third block 13.

No. of Pages: 63 No. of Claims: 9

(21) Application No.4012/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : ORAL COMPOSITIONS CONTAINING EXTRACTS OF GARCINIA MANGOSTANA L 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 	:61/266,563 :04/12/2009 :U.S.A.	(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)TRIVEDI HARSH MAHENDRA 2)GITTINS ELIZABETH KELLY
--	---------------------------------------	--

(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: 10

(21) Application No.4013/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

$(54) \ Title \ of the \ invention: ORAL \ COMPOSITIONS \ CONTAINING \ EXTRACTS \ OF \ ZIZYPHUS \ JOAZEIRO \ AND \ RELATED \ METHODS$

(32) Priority Date:04/12/2009Address of(33) Name of priority country:U.S.A.NY 10022 U.S(86) International Application No Filing Date:PCT/US2010/058648 :01/12/2010(72)Name of In 1)TRIVEDI	FE-PALMOLIVE COMPANY f Applicant :300 PARK AVENUE, NEW YORK, S.A. U.S.A.
---	--

(57) Abstract:

Described herein are compositions comprising a combination of extracts, and methods of preparing and using the same.

No. of Pages: 34 No. of Claims: 10

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A COMPOUND, A PROCESS FOR ITS PREPARATION, A PHARMACEUTICAL COMPOSITION, USE OF A COMPOUND, A METHOD FOR MODULATING OR REGULATING SERINE/THREONINE KINASES AND A SERINE/THREONINE KINASES MODULATING AGENT

(51) International classification	:C07D 235/14	(71)Name of Applicant:
(31) Priority Document No	:09460048.3	1)SELVITA S.A.
(32) Priority Date	:12/11/2009	Address of Applicant :UL. BOBRZYNSKIEGO 14, 30 348
(33) Name of priority country	:EPO	KRAKOW POLAND Poland
(86) International Application No	:PCT/EP2010/067385	(72)Name of Inventor:
Filing Date	:12/11/2010	1)BRAZOZKA KRZYSZTOF
(87) International Publication No	:WO 2011/058139	2)CZARDYBON WOJCIECH
(61) Patent of Addition to Application	.NT A	3)SABINIARZ ALEKSANDRA
Number	:NA	4)MILLIK MARIUSZ
Filing Date	:NA	5)WINDAK RENATA
(62) Divisional to Application Number	:NA	6)ZAREBSKI ADRIAN
Filing Date	:NA	7)BEUZEN NICOLAS

(57) Abstract:

The subject of the inventions are a compound, a process for its preparation, a pharmaceutical composition, use of a compound, a method for modulating or regulating serine/threonine and tyrosine kinases and a serine/threonine and tyrosine kinases modulating agent. The present invention relates to novel small-molecule compounds with kinase inhibitory activity, having superior properties as pharmaceutical agents, production method thereof and uses thereof. In particular, this invention relates to new derivatives of tetrahalogenated benzimidazole with serine/threonine and tyrosine kinases inhibitory properties, preferably selected from the group of PIM, HIPK, DYRK, CLK, CDK, FLT, PKG, Haspin, MER, TAO, MNK, TRK kinases which exhibit superior pharmacological actions, and can be useful for the treatment of disease conditions, especially cancers depending on serine/threonine and tyrosine kinases, such as but not limited to leukemias and solid tumors.

No. of Pages: 124 No. of Claims: 19

(22) Date of filing of Application :23/07/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: INDUSTRIAL PROCESS FOR PREPARATION OF 1 2 DIHYDROQUINOLINE DERIVATIVE OR A SALT THEREOF AND INTERMEDIATE FOR PREPARATION THEREOF

(51) International :C07D405/12,C07D215/14,C07D491/052 classification

:PCT/JP2013/051103

:WO 2013/108921

:Japan

:21/01/2013

(31) Priority Document

:2012010106

(32) Priority Date :20/01/2012

(33) Name of priority country

(86) International

Application No

Filing Date

(87) International **Publication No**

(61) Patent of Addition

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

(71)Name of Applicant:

1)SANTEN PHARMACEUTICAL CO. LTD.

Address of Applicant: 9 19 Shimoshinjo 3 chome Higashiyodogawa ku Osaka shi Osaka 5338651 Japan

2)KYOWA HAKKO BIO CO. LTD.

(72)Name of Inventor:

1)YAMAMOTO Noriyoshi

2)OHNO Atsushi 3)KUDOU Kazuhiro

4)BAN Masakazu 5)MIMURA Takashi

6)OHTANI Takashi

(57) Abstract:

A process for the preparation of a compound represented by formula (7) (7) or a salt thereof including reacting a compound or a salt thereof the compound being obtained by a step of removing a R group and a R group from a compound represented by formula (5) (In formula (5) R1 and R2 are a hydrogen atom.) (5) or a salt thereof with a compound represented by formula (d) (d) or a salt thereof under the presence of a base. This is a process for the preparation of a 1 2 dihydroquinoline derivative with glucocorticoid receptor binding activity or a salt thereof which does not require a purification step by column chromatography and is suitable for industrial production.

No. of Pages: 64 No. of Claims: 15

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELECTRONIC CHEQUE BASED PAYMENT SYSTEM

(51) International classification	:G06Q30/04,G06Q40/02	(71)Name of Applicant:
(31) Priority Document No	:2011154492	1)MY PARTNERS AND GLOBAL STARS
(32) Priority Date	:30/12/2011	INVESTMENTS (MP&GSI) LTD
(33) Name of priority country	:Russia	Address of Applicant : Aleman Cordero Galindo&Lee Trust
(86) International Application No	:PCT/RU2012/001137	(BVI) Limited P.O. Box. 3175 Road Town Tortola VIRGIN
Filing Date	:28/12/2012	ISLANDS
(87) International Publication No	:WO 2013/100824	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)KLIGMAN Ilya Vladimirovich
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to the field of information technology in particular electronic systems and methods for the circulation of funds and can be used to solve the problem of real time settlements between users of an electronic payment system. In the present invention monetary funds are represented by electronic bank cheques payable to bearer which are in compliance with banking regulations and applicable legislation. Client application units are grouped into modules according to categories that correspond to the status of a user determined by a client and server application authorization unit wherein a set of parameters for the circulation of cheques can be preselected for each category. When a cheque is issued legally valid documents are generated and the transactions are reflected in the Register of Movement of Cheques.

No. of Pages: 62 No. of Claims: 38

(21) Application No.6235/DELNP/2014 A

(19) INDIA

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

(43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD FOR MANUFACTURING A CARBON DIOXIDE ADSORBENT METHOD FOR REDUCING CARBON DIOXIDE AND APPARATUS FOR SAME

(51) International : B01J20/30, B01D53/04, B01D53/62classification

(31) Priority Document No :1020110143751

:27/12/2011 (32) Priority Date (33) Name of priority country: Republic of Korea (86) International Application :PCT/KR2012/006808

No

:27/08/2012 Filing Date

(87) International Publication :WO 2013/100306

(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)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)LEE Seungmoon 2)JUNG Jonghwun 3)KIM Ki Hyun 4)KIM Sung Man

(57) Abstract:

Disclosed are a method for manufacturing a carbon dioxide adsorbent and a method for reducing carbon dioxide and an apparatus for same. The method for manufacturing a carbon dioxide adsorbent according to one embodiment of the present invention comprises: providing steel mill waste; mixing the steel mill waste with a binder; producing pellets by injecting ammonia into the steel mill waste mixed with the binder; and drying the pellets.

No. of Pages: 25 No. of Claims: 24

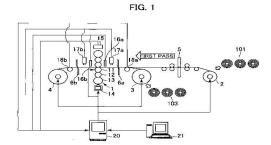
(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: COLD-ROLLED MATERIAL MANUFACTURING EQUIPMENT AND COLD ROLLING METHOD

(51) International classification	:B21B 1/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MITSUBISHI-HITACHI METALS MACHINERY, INC.
(32) Priority Date	:NA	Address of Applicant :34-6, SHIBA 5-CHOME, MINATO-
(33) Name of priority country	:NA	KU, TOKYO 108-0014 JAPAN Japan
(86) International Application No	:PCT/JP2009/069064	(72)Name of Inventor:
Filing Date	:09/11/2009	1)KAGA SHINICHI
(87) International Publication No	:WO 2011/055458	2)ONOSE MITSURU
(61) Patent of Addition to Application	:NA	3)TOMINAGA NORIAKI
Number	:NA	4)SAITO TAKEHIKO
Filing Date	.IVA	5)YOSHIMURA YASUTSUGU
(62) Divisional to Application Number	:NA	6)MASUDA TOYOTSUGU
Filing Date	:NA	7)MAENO ICHIROU

(57) Abstract:

Disclosed are cold-rolled material manufacturing equipment and a cold rolling method by which a high efficiency, a high yield and a high investment cost-effectiveness are realized in a small- to medium-scale plant with a capacity of about 300,000 to 600,000 tons of product per year. A strip of a coil 101a unwound from a unwinding device 2 is guided directly to a cold rolling mill 1 to be rolled and then wound onto a winding/unwinding device 4. Upon arrival of the tail end of the coil 101a at a joining device 5, the coil 101a and the leading end of a coil 101b subsequently unwound from the unwinding device 2 are joined. Subsequently, rolling and joining for the coil 101b and following coils are repeated to perform first-pass rolling by the cold rolling mill 1 and joining by the joining device 5, thereby forming a plurality of coils into one buildup coil 102. The buildup coil 102 is subjected to reversible rolling a predetermined number of times until a desired product strip thickness is reached. In the final pass, the buildup coil 102 is cut by a cutting device 6a or 6b, to form a plurality of coils 103.



No. of Pages: 134 No. of Claims: 24

(21) Application No.3968/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: MODULARIZED DOCUMENT HANDLER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G07D 11/00 :2009-261381 :16/11/2009 :Japan :PCT/JP2010/006667 :12/11/2010 :WO 2011/058759 :NA :NA :NA	(71)Name of Applicant: 1)JAPAN CASH MACHINE CO., LTD. Address of Applicant:3-15, NISHIWAKI 2-CHOME, HIRANO-KU, OSAKA-SHI, OSAKA, 5470035 JAPAN. Japan (72)Name of Inventor: 1)SEKI TORU 2)TAKASHIMA NOBUO
---	---	--

(57) Abstract:

A document handler is provided which comprises an actuator 17, a power transmission device 8 drivingly connected to actuator 17, and anterior and posterior gears 11 and 12 rotated by drive power of actuator 17 through power transmission device 8. First and second driven devices may be drivingly and disengageably connected to anterior and posterior gears 11 and 12 to drive first and second driven devices by actuator 17.

No. of Pages: 52 No. of Claims: 15

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: A TOPICAL ANTI-ECZEMIC COMPOSITION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61K36/884, A61K9/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. BURADE KISHORKUMAR BALKRISHNA Address of Applicant: BRAHMANAND, BEHIND HOLY FAMILY ENGLISH MEDIUM SCHOOL, JAIRAM COLONY, VIDYANGAR, TAL- KARAD, DIST- SATARA- 415 124, MAHARASHTRA, INDIA Maharashtra 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)DR. BURADE KISHORKUMAR BALKRISHNA 2)DR. KUCHEKAR BHANUDAS SHANKARRAO 3)DR. GURAV SHAILENDRA SHIVAJI 4)MRS. GURAV NILAMBARI SHAILENDRA

(57) Abstract:

The present invention provides a topical anti-eczemic composition comprising a substance derived from a plant material of Cinnamomum camphor a in an amount ranging between 1 and 30 % with respect to the total weight of the composition; a substance derived from a plant material of Uncaria gambler in an amount ranging between 1 and 30 % with respect to the total weight of the composition; and at least two oxides of lead (Pb) selected from the group consisting of lead (II) oxide (PbO), lead (II, IV) oxide (Pb203) and lead (IV) dioxide (Pb02) in an amount of 5 to 50 % with respect to the total weight of the composition. The present invention also provides a process for preparing a topical anti-eczemic composition.

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

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : PHOSPHATIDYLCHOLINE (PC) ENRICHED LECITHIN AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:C07F9/10	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. GULKARI VIJAY DEORAO
(32) Priority Date	:NA	Address of Applicant :206, RAHUL COMPLEX, WING-1
(33) Name of priority country	:NA	SECOND FLOOR, OPPOSITE RAHUL HOTEL, NEAR BUS
(86) International Application No	:NA	STAND, NEAR GANESH PATH, NAGPUR-440 018
Filing Date	:NA	MAHARASHTRA, INDIA. Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. GULKARI VIJAY DEORAO
Filing Date	:NA	2)DR. GURAV SHAILENDRA SHIVAJI
(62) Divisional to Application Number	:NA	3)MRS. GURAV NILAMBARI SHAILENDRA
Filing Date	:NA	4)DR. PATIL ARUN TUKARAM

(57) Abstract:

The present invention provides a simple process for the preparation of a bleached lecithin and deoiled lecithin. The present invention also provides a simple process for the preparation of phosphatidylcholine enriched lecithins such as PC-35, PC-55 and PC-95 from lecithin.

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

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN ORALLY ADMINISTRABLE GASTRO RETENTIVE DRUG DELIVERY SYSTEM

(51) International classification :A61K9/20 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)DR. GULKARI VIJAY DEORAO Address of Applicant: 206, RAHUL COMPLEX, WING-1 SECOND FLOOR, OPPOSITE RAHUL HOTEL, NEAR BUS STAND, NEAR GANESH PATH, NAGPUR-440 018 MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)DR. GULKARI VIJAY DEORAO 2)DR. KASLIWAL RAHUL HARISHCHANDRA 3)BURPUTE SHASHIKANT SADASHIVRAO 4)DR. GURAV SHAILENDRA SHIVAJI 5)MRS. GURAV NILAMBARI SHAILENDRA
--	---

(57) Abstract:

The present invention provides an orally administrable gastro retentive dosage form comprising at least one pharmaceutically active ingredient; a combination of Onosmabracteatum and xanthan gum as polymer in a ratio of 1: 0.5 to 1: 3, preferably 1:1; at least one gas generating agent the gas generating agent is selected from the group consisting of sodium carbonate, sodium bicarbonate, sodium metabisulfite, calcium carbonate and mixtures thereof; and at least one excipient selected from the group consisting of binders, diluents, disintegrants, lubricating agents, wetting agents, polymers, surfactants, sweeteners, flavours, pH adjusting agents, glidents, coating agents, plasticizers and colorants.

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

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN ORAL DRUG DELIVERY SYSTEM BASED ON NATURAL POLYMER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/00, A61K9/00,A61K35/74 :NA :NA :NA	(71)Name of Applicant: 1)DR. GULKARI VIJAY DEORAO Address of Applicant: 206, RAHUL COMPLEX, WING-1 SECOND FLOOR, OPPOSITE RAHUL HOTEL, NEAR BUS STAND, NEAR GANESH PATH, NAGPUR-440 018 MAHARASHTRA, INDIA. Maharashtra India
Filing Date (87) International Publication No (61) Patent of Addition to Application	:NA : NA :NA	(72)Name of Inventor: 1)DR. GULKARI VIJAY DEORAO 2)DR. KASLIWAL RAHUL HARISHCHANDRA
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)BURPUTE SHASHIKANT SADASHIVRAO 4)DR. GURAV SHAILENDRA SHIVAJI 5)MRS. GURAV NILAMBARI SHAILENDRA

(57) Abstract:

The present invention provides a floating tablet comprising: a therapeutically effective amount of at least one active pharmaceutical ingredient; Sterculia foetida gum; at least one gas generating agent; and at least one excipient selected from the group consisting of binders, disintegrants, lubricating agents, wetting agents, polymers, surfactants, sweeteners, flavours, pH adjusting agents, glidents, coating agents, plasticizers and colorants.

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

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: A GASTRORETENTIVE SUSTAINED RELEASE DOSAGE FORM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:a61k9/00, A61K47/32 :NA :NA :NA	(71)Name of Applicant: 1)DR. GULKARI VIJAY DEORAO Address of Applicant: 206, RAHUL COMPLEX, WING-1 SECOND FLOOR, OPPOSITE RAHUL HOTEL, NEAR BUS STAND, NEAR GANESH PETH, NAGPUR-440 018
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. GULKARI VIJAY DEORAO
(61) Patent of Addition to Application Number	:NA	2)DR. KASLIWAL RAHUL HARISHCHANDRA
Filing Date	:NA	3)BURPUTE SHASHIKANT SADASHIVRAO
(62) Divisional to Application Number	:NA	4)DR. GURAV SHAILENDRA SHIVAJI
Filing Date	:NA	5)MRS. GURAV NILAMBARI SHAILENDRA

(57) Abstract:

The present invention provides a floating tablet comprising: a therapeutically effective amount of at least one active pharmaceutical ingredient; Onosma bracteatum as a gelling agent; at least one gas generating agent; and at least one excipient selected from the group consisting of binders, disintegrants, lubricating agents, wetting agents, polymers, surfactants, sweeteners, flavours, pH adjusting agents, glidents, coating agents, plasticizers and colorants.

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

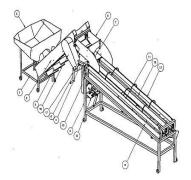
(22) Date of filing of Application :14/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: POWER CUM MANUAL OPERATED FRUIT AND VEGETABLE GRADER

(51) International classification	:B07B1/00, B07B13/04	(71)Name of Applicant: 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH -
(31) Priority Document No	:NA	CENTRAL INSTITUTE OF AGRICULTURAL
(32) Priority Date	:NA	ENGINEERING
(33) Name of priority country	:NA	Address of Applicant :NABIBAGH, BERASIA ROAD,
(86) International Application No	:NA	BHOPAL- 462 038 Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHUKADEV MANGARAJ
(61) Patent of Addition to Application Number	:NA	2)RAMESH KUMAR PAJNOO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	•	·

(57) Abstract:

This invention relates with the development of a device called POWER CUM MANUAL OPERATED FRUIT AND VEGETABLE GRADER that can be is used for grading of different spherical fruits and vegetables having equivalent diameter of 35 mm to 120 mm. The principle is that along the length of movement of the produce the roller diameter is decreasing in steps, thereby the opening space between the rollers is increasing which facilitates the sorting of commodity in different size lots uniformly. The rollers moving in opposite directions are mounted in slope for ease of forward movement of commodity during grading. The main components of the grader are feeding unit, elevator unit and grading system. The feeding unit is of pentagonal plan view with a capacity of holding 100 kg of fruits and vegetables. The outlet of this unit is fitted with a rubber flap to ensure safe placement of the produce on the elevator flaps. The elevator uniformly feed the produce to the grading unit through a sloppy platform meant to eliminate the impact force. The grading system consists of two sets of rollers each set having two round pipes with reducing diameters along the forward movements resulting in increasing the gap betweens the rollers. In each set the rollers rotate in opposite direction giving a slight lift to the produce being graded. This mechanism eliminates any possibility of physical damage to the product as well as places the produce in between the rollers in its natural shapes resulting to efficient grading. The roller unit is mounted in slope with the horizontal to make the produce rolls in between the rollers and then drop in the collecting trays based on size and gaps of rollers. Collecting trays been mounted beneath the grading unit for collection of graded produce. The distance between the rollers and the bottom of trays is 125 mm there by eliminating the chance of any impact damage of the produce. The grader has been glued with poly foam and rubber sheet in all contact surfaces of the fruits to avoid any impact damage during grading. The grader has the advantage of high capacity (2t/h), efficient grading (>95%), less energy requirement (0.283 Kw/t), grading of multiple fruits and vegetables, low cost (Rs. 35000), option of manual function, ease of dissembling and assembling, capacity enhancement with slight modifications, simple in manufacturing and operations. The machine separates the fruits and vegetables in five grades with conveyor speed of 4 m/min.



No. of Pages: 14 No. of Claims: 8

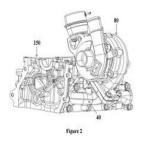
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: EXHAUST SYSTEM FOR DIESEL ENGINE

	:F02D21/08,	(71)Name of Applicant:
(51) International classification	F02M25/07,	1)MAHINDRA & MAHINDRA LIMITED
	F02D11/08	Address of Applicant :R&D CENTER, AUTOMOTIVE
(31) Priority Document No	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007
(32) Priority Date	:NA	MAHARASHTRA STATE, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)VIKRAMAN VELLANDI
Filing Date	:NA	2)PARAG NARSINHA DAITHANKAR
(87) 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 an exhaust system (100) for a diesel engine. The exhaust system (100) comprises an exhaust manifold (40), a turbocharger (80) and an actuator (90). The exhaust manifold (40) is mounted on a cylinder head (150) of the diesel engine. The exhaust manifold (40) includes a plurality of runners (20) configured therein. The turbocharger (80) includes an anticlockwise rotating turbine wheel (48) that allows maximum energy transfer thereto thereby reducing overall pressure drop of the exhaust system (100). The plurality of runners (20) is designed such that the exhaust gas passes smoothly onto the turbine wheel (48) of the turbocharger (80).



No. of Pages: 14 No. of Claims: 1

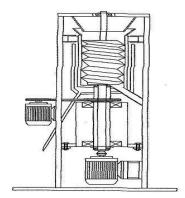
(22) Date of filing of Application :14/10/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: BAGASSE/COIR PITH DRYING MACHINE

(51) International classification	:F26B17/124	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MATHEW ZAKARIAHS
(32) Priority Date	:NA	Address of Applicant : A-302, EVENING STAR, RAHEJA
(33) Name of priority country	:NA	VIHAR COMPLEX, CHANDIVALI, MUMBAI - 400 072,
(86) International Application No	:NA	INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MATHEW ZAKARIAHS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A dryer (100) includes inner drums (18) and outer cylindrical drums (26) placed concentric to each other, wherein both the drums (18, 26) are perforated and define a space there between. An inlet mechanism (42, 35) is located at a top end of the cylindrical drums (18, 26) for feeding the moisturized material in the space defined between the inner and the outer cylindrical drums (18, 26). A motion imparting means (38) is coupled to the inner cylindrical drum (26) for setting the same in a rotation motion with respect to the outer cylindrical drum (18). An air introducing means (20, 23) is located around the bottom of the inner cylindrical drum (26) for introducing air thereto. Finally, an outlet mechanism (27) is located about a bottom end of the cylindrical drums (26, 18) for withdrawing a dried material.



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

(22) Date of filing of Application :21/11/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: A PROCESS FOR SYNTHESIS OF FURAN DERIVATIVES FROM SACCHARIDES USING SOLID ACID CATALYST AND PREPARATION THEREOF.

	·R01129/70	(71)Name of Applicant:
(51) International classification	C07C45/66, B01J29/60, B01J	` '
(31) Priority Document No	:NA	(DEEMED UNIVERSITY), NATHALAL PARIKH MARG,
(32) Priority Date	:NA	MATUNGA (EAST), MUMBAI 400 019, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LALI, ARVIND MALLINATH
(87) International Publication No	: NA	2)PAWAR, HITESH SURESH
(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 subject matter, there is provided a process for preparing a furan derivative, the process comprising the steps of contacting a sugar with a monophasic organic solvent to obtain a reaction mixture; and subjecting the reaction mixture to a temperature in the range from 100°C to 180°C, in presence of an acid catalyst, for a time period in the range of 0.5min to 4.0h to obtain at least 70% conversion of the sugar to a single furan derivative, wherein the acid catalyst is selected from the group consisting of homogenous acid catalyst, heterogenous solid acid catalyst, and combinations thereof. There is also provided a process for preparation of a heterogenous solid acid catalyst.

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

(22) Date of filing of Application :21/11/2013

(43) Publication Date: 30/10/2015

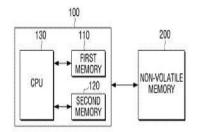
(54) Title of the invention : SYSTEM ON CHIP TO PERFORM A SECURE BOOT, AN IMAGE FORMING APPARATUS USING THE SAME, AND METHOD THEREOF

(51) I	COCE21/57	
(51) International classification	:G06F21/57	(71)Name of Applicant:
(31) Priority Document No	:61/734,158	1)Samsung Electronics Co., Ltd.
(32) Priority Date	:06/12/2012	Address of Applicant :129, Samsung-ro, Yeongtong-gu,
(33) Name of priority country	:U.S.A.	Suwon-si, Gyeonggi-do, 443-742, Republic of Korea. Republic of
(86) International Application No	:NA	Korea
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Tae-hong JANG
(61) Patent of Addition to Application Number	:NA	2)Jong-seung LEE
Filing Date	:NA	3)Jin-hwi JUN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system on chip is provided. The system on chip includes a first memory to store a plurality of encryption keys, a second memory, a third memory to store an encryption key setting value, and a CPU to decrypt encrypted data which is stored in an external non-volatile memory using an encryption key corresponding to the encryption key setting value from among the plurality of encryption keys, to store the decrypted data in the second memory, and to perform a boot using data stored in the second memory. Accordingly, security of a boot operation can be improved.

FIG. 1



No. of Pages: 80 No. of Claims: 15

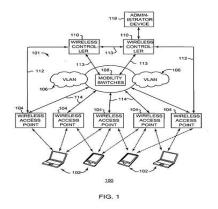
(22) Date of filing of Application :20/12/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: MESSAGE TRANSMISSION IN NETWORKS

(51) International classification	:H04L29/08	(71)Name of Applicant:
(31) Priority Document No	:13/041,173	
(32) Priority Date	:30/09/2013	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)ZENON KUC
(87) International Publication No	: NA	2)ROGER LAPUH
(61) Patent of Addition to Application Number	:NA	3)GOPALAKRISHNAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments generally relate to message transmission in networks. In one embodiment, a method includes enabling a user to provide shortest path bridging (SPB) configuration information. The method also includes receiving the SPB configuration information from the user. The method also includes sending the SPB configuration information to an edge server device.



No. of Pages: 43 No. of Claims: 10

(22) Date of filing of Application :26/02/2014

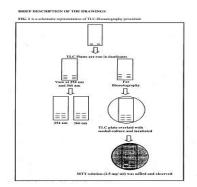
(43) Publication Date: 30/10/2015

(54) Title of the invention : ISOLATION AND IDENTIFICATION OF BIOACTIVE COMPOUNDS FROM CITRUS RETICULATA BLANCO FOR ACNE VULGARIS.

(51) International classification	:A61P17/10	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NANCY PANDITA SCHOOL OF SCIENCE, SVKM'S
(32) Priority Date	:NA	NMIMS DEEMED-TO-BE UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :SCHOOL OF SCIENCE SVKM'S
(86) International Application No	:NA	NMIMS DEEMED-TO-BE UNIVERSITY V. L. MEHTA
Filing Date	:NA	ROAD, VILE PARLE (WEST), MUMBAI-400 056,
(87) International Publication No	: NA	MAHARASHTRA, INDIA. Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NANCY PANDITA
(62) Divisional to Application Number	:NA	2)VINITA APRAJ
Filing Date	:NA	

(57) Abstract:

The invention relates to the effective separation of compounds against acne inducing bacteria as anti-acne agents from peels of Citrus reticulata Blanco. The invention also describes the process of separation of antimicrobial compounds using High Performance Thin Layer Chromatography (HPTLC) - Bioautographic technique, and identification of the separated antimicrobial active compounds by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.



No. of Pages: 17 No. of Claims: 5

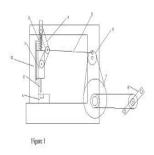
(22) Date of filing of Application :03/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SIGNALLING DEVICE TO KEEP DISTRACTIONS AWAY

	:H04N	(71)Name of Applicant:
(51) International classification	9/00,	1)Muhammad Fasihuddin Makki
	H04N7/16	Address of Applicant :B-36, Abhimanshree Society Pashan
(31) Priority Document No	:NA	Road, Pune- 411008 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Muhammad Fasihuddin Makki
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 discloses a device with color indicator to indicate his idleness/occupation. The device may be worn by the user when he needs utmost concentration, to show his engagement to others with a particular color display and inhibit others from approaching/communicating with him then.



No. of Pages: 8 No. of Claims: 2

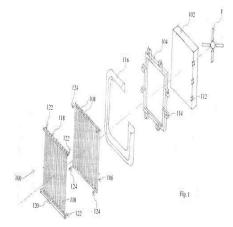
(22) Date of filing of Application :01/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: RADIATOR GRILLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	B60K11/08 :NA :NA :NA :NA	(71)Name of Applicant: 1)SOMAIYA VIDYAVIHAR Address of Applicant: VIDYANAGAR, VIDYAVIHAR(E), MUMBAI - 400 077, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)Avinash Atmaram Prabhudesai
(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 self cleaning radiator grille assembly including a radiator housing, a plurality of trash filter units forming a grill plate held by a frame wherein each of the plurality of trash filter units include at least one pair of filter lines, a plurality of corrugated sheets placed between the filter lines and parallel to each other such that hollow spaces between the corrugated sheets form air conduits for facilitating removal of clogging agents. REF FIG. 1



No. of Pages: 22 No. of Claims: 12

(22) Date of filing of Application :28/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: NOVEL PROCESS FOR THE PREPARATION OF LORCASERIN

(51) International classification	:C07D223/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :CADILA HEALTHCARE LIMITED
(33) Name of priority country	:NA	ZYDUS TOWER, SATELLITE CROSS ROADS
(86) International Application No	:NA	AHMEDABAD-380015 Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DWIVEDI SHRI PRAKASH DHAR
(61) Patent of Addition to Application Number	:NA	2)PARIHAR JAYPRAKASH AJITSINGH
Filing Date	:NA	3)SHAH ALPESHKUMAR PRAVINCHANDRA
(62) Divisional to Application Number	:NA	4)GAJJAR SAMIR RAMESHBHAI
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of (R)-8-chloro-1-methyl-2,3,4,5-tetrahydro-1H-3-benzazepine of Formula (I) and pharmaceutically acceptable salts, solvates, and hydrates thereof.

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

(22) Date of filing of Application :27/12/2013

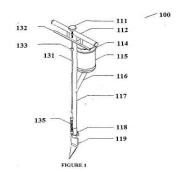
(43) Publication Date: 30/10/2015

(54) Title of the invention: DIBBLE ASSEMBLY AND A METHOD OF OPERATION THEREOF.

	:A01C	(71)Name of Applicant:
(51) International classification	7/00,	1)JAGANI MANSUKH AMBABHAI
	A01C11/02	Address of Applicant :AT-MOTA DEVALIYA,
(31) Priority Document No	:NA	TALUKA:BABARA, DIST: AMRELI, GUJARAT 365410,
(32) Priority Date	:NA	INDIA Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JAGANI MANSUKH AMBABHAI
Filing Date	:NA	
(87) 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 agricultural machinery. More particularly, it provides a portable sowing and fertilizer application assembly that Can be used for both sowing and as a fertilizer application device according to the requirement. The present invention also provides a method of operation of the said sowing and fertilizer application assembly.



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

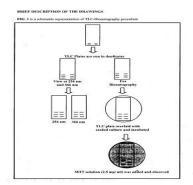
(22) Date of filing of Application :27/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR SERVICES DESIGN USING VALUE QUADRANTS

(51) International classification	:G06Q10/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Tata Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th floor, Nariman
(33) Name of priority country	:NA	point, Mumbai 400021, Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR, Anand
(87) International Publication No	: NA	2)LOKKU, Doji Samson
(61) Patent of Addition to Application Number	:NA	3)ZOPE, Nikhil Ravindranath
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a system of designing one or more services for realizing value to one or more stakeholders. A value requirements determination module determines value requirements pertaining to a service. A value carrier identification module identifies one or more value carriers associated to the service. The one or more value carriers may facilitate to deliver the value to the one or more stakeholders. A value proposition module creates a value proposition for the service based on the one or more value carriers. In one aspect, each value parameter may be executed by at least one stakeholder of the one or more stakeholders for realizing the value to the one or more stakeholders. A value realization module facilitates realization of the value to the one or more stakeholders based upon accomplishment of the plurality of value parameters.



No. of Pages: 28 No. of Claims: 11

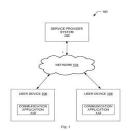
(22) Date of filing of Application :27/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: INTERNATIONAL DIALING THROUGH CALL CONNECTIONS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Turakhia, Bhavin
(32) Priority Date	:NA	Address of Applicant :Directiplex, Old Nagarads Road, near
(33) Name of priority country	:NA	Andheri Subway Andheri (East), Mumbai 400069, INDIA
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Turakhia, Bhavin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In example embodiments, a system and method for international dialing through call connections is provided. An indication of an initiation of a call by a first user to a second user is received. A first pool number is provided to the first user, whereby the first pool number is different from a phone number of the second user. A message is transmitted to the second user that triggers the second user device to automatically initiate a second call to a second pool number, whereby the second pool number is different from a phone number of the first user. A first call via the first pool number and the second call via the second pool number are received. Based on a call parameter, a determination is made to connect the first call and the second call, and the first call is connected to the second call.



No. of Pages: 44 No. of Claims: 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1554/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: SMART INFORMER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G08B13/00, H04M 1/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)GIRISH RAMESH GAIKWAD Address of Applicant:1818, PAVAN NAGAR, YASHODHARA NAGAR ROAD, POST: UPPALWADI, NAGPUR-440026, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)GIRISH RAMESH GAIKWAD
Filing Date	:NA :NA	

(57) Abstract:

The security of a house is the prime concern in every ones mind. And today, there are various ways and means to ensure that your house is safe from every type of danger. Smart Informer informs the owner about the presence of the thief in the targeted area by making a call to the owner. When the thief enters into the targeted area, the motion sensor in Smart Informer quickly detects his presence and quickly triggers the switching circuit. The switching circuit is connected with the mobile/telephone. It will simply make a call to the owner, when the owner gets the call from this number (the same mobile/telephone number which is connected in the targeted area) he will easily understand that someone is present in the targeted area. Then the owner simply makes a call to the near police station or a friend near his house in order to protect their house from thiefs.

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

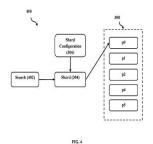
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR IMPLEMENTING RULE BASED SHARDING IN ELASTICSEARCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H04N 21/2547 :NA :NA :NA :NA	(71)Name of Applicant: 1)Impetus InfoTech India Private Limited Address of Applicant: 24/B, Sarda House, A B Road, New Palasia, Indore - 452001, Madhya Pradesh, India Madhya Pradesh India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)NALYA, Anand 2)JAIN, Ankit
(61) Patent of Addition to Application Number	:NA	2)071111, 711INIC
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

System and method for searching documents in a plurality of nodes is disclosed. A plurality of documents is stored by creating an index for one or more documents in the plurality of documents. The index is divided into a physical/logical location, based on a predefined set of values present in the one or more documents. Subsequent to creation of the index, the physical/logical location of the document is determined. After creating the index, a query for searching the at least one document in a plurality of nodes is received. The query is processed by mapping the query with the physical/logical location of the index. After processing the query, the document is retrieved from the node based upon the mapping of the query with the physical/logical location of the index.



No. of Pages: 16 No. of Claims: 13

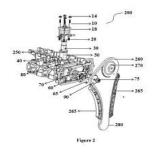
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: INTEGRATED FUEL INJECTION SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F02M63/02 :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
(86) International Application No Filing Date	:NA :NA	MAHARASHTRA STATE, INDIA Maharashtra India (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	1)VIKRAMAN VELLANDI 2)PRASAD BABU NAMANI 3)PARAG NARSINHA DAITHANKAR
(62) Divisional to Application Number Filing Date	:NA :NA	4)RAMASAMY VELUSAMY

(57) Abstract:

Disclosed is an integrated fuel injection system (200). The integrated fuel injection system (200) comprises a fuel injection pump (20), a tappet (30), a lock pin (40), a housing (50), a thrust plate (60), a drive shaft (70), a dowel housing (80) and a sprocket (90). The housing (50), the fuel injection pump (20) and the drive shaft (70) are accommodated on a front side of the cylinder head (250). The integrated fuel injection system (200) is designed for a common rail fuel injection system and utilizes only one fuel injection pump (20) for a complete engine to reduce the length of the drive shaft (70).



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

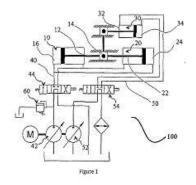
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ASSEMBLY FOR ENERGY SAVING ENDURANCE TESTING FOR HYDRAULIC CYLINDER

(51) International classification(31) Priority Document No(32) Priority Date	:B25J 9/00 :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant:LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(33) Name of priority country	:NA	001, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHIDAMBAR VINAYAK ALAVANDI
(87) 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 an assembly for energy saving endurance testing for a hydraulic cylinder. The assembly comprises a test hydraulic cylinder, a load hydraulic cylinder having a second piston rod end coupled to a first piston rod of the test hydraulic cylinder thereby forming a linkage therebetween, and a drive hydraulic cylinder having a third piston rod end linked to the linkage of the test hydraulic cylinder and the load hydraulic cylinder. Further, the assembly includes a load circuit having first variable displacement pump capable of feeding oil to a barrel side of the test hydraulic cylinder and the load hydraulic cylinder, and a drive circuit having a second variable displacement pump capable of feeding oil to a , barrel side of the drive hydraulic cylinder. The drive hydraulic cylinder extends and moves along the direction of load hydraulic cylinder when oil is supplied to a barrel side of the drive hydraulic cylinder.



No. of Pages: 11 No. of Claims: 3

(22) Date of filing of Application :24/07/2013

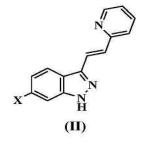
(43) Publication Date: 30/10/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATIONOF AXITINIB AND NOVEL INTERMEDIATE THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07D405/04, C07D401/06 :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
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)DWIVEDI SHRIPRAKASH DHAR
(87) International Publication No	: NA	2)SINGH KUMAR KAMLESH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)SINGH NIKHIL AMAR 4)NARODE SUNIL DNYANESHWAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a compound of Formula (II), useful for the preparation of axitinib. X in said compound represents any halogen selected from Cl, Br, I or F. The present invention also provides a process for the preparation of axitinib of Formula (I) or its pharmaceutically acceptable salts.



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

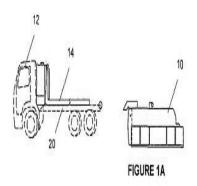
(22) Date of filing of Application :12/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: TRANSPORTABLE WASTE PROCESSING TANK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B60P1/60, B60P3/22, B65F3/02, E03F7/1 :603589 :13/11/2012 :New Zealand :NA :NA	(71)Name of Applicant: 1)VAC-U-DIGGA R&D PTY LTD Address of Applicant:LEVEL 1, 11 MAIN STREET, BEENLEIGH QUEENSLAND, 4207 AUSTRALIA Australia (72)Name of Inventor: 1)COSTELLO, NEIL 2)BEACH, JACK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A transportable and interchangeable tank for collecting and disposing of mud, slurry or other fluid waste material adapted to be transported on a transport vehicle having an air evacuation connection specially adapted to connect directly to and seal with a complementarity connection of a vacuum pump on the vehicle, whereby the connective dead space between the tank and the pump is substantially minimised in order to improve the efficiency of evacuating air from and thus filling the tank.



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

(22) Date of filing of Application :28/02/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING TOTAL PROCESSING TIME FOR EXECUTING A PLURALITY OF JOBS

(51) International classification		(71)Name of Applicant:
(-)	40/24	1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)VIJAYARANGAN, Natarajan
Filing Date	:NA	2)SOMASUNDARAM, Muralidharan
(87) International Publication No	: NA	3)PADMANABHAN, Kishore
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for determining total processing time required for executing a plurality of jobs (n). The plurality of jobs along with a mean processing time (μ) , and a queue length (k) are received. A number of preliminary jobs (p) of the plurality of jobs (n) are distributed across computing resources based upon the queue length (k). A first processing time (TF) required for the execution of the number of preliminary jobs (p) is determined. Further, a number of remaining jobs (n-p) of the plurality of jobs (n) are distributed for execution across the plurality of computing resources. A second processing time (TS) required for the execution of the set of remaining jobs (n-p) is computed. Finally, the total processing time is determined by summing TF and TS.



Figure 2

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

(22) Date of filing of Application :28/02/2014

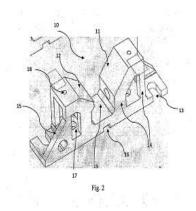
(43) Publication Date: 30/10/2015

(54) Title of the invention: FIXTURE FOR SETTING UP CAM SLIDERS IN SHEET METAL DIES

	:B26D7/26,	(71)Name of Applicant:
(51) International classification	B21D	1)MAHINDRA & MAHINDRA LIMITED
	25/00	Address of Applicant :R&D CENTER, AUTOMOTIVE
(31) Priority Document No	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007
(32) Priority Date	:NA	MAHARASHTRA STATE, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DINESH BHALCHANDRA SONAWANE
Filing Date	:NA	2)NARAYAN BHARGAVRAM KAKATKAR
(87) International Publication No	: NA	3)RAMKRISHNA NIVRUTTI UGALE
(61) Patent of Addition to Application Number	:NA	4)BHAUSAHEB MAHADU GUNJAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a fixture for setting up cam sliders in sheet metal dies. The said fixture made of two parts on common base by splitting up in two fixture pieces, separated by two opposing angular surfaces (11 and 12) with the horizontal, for using variable lengths of various sliders. The said each of the fixture pieces provided with diagonally two clamping slots (13) at the said base. Four vertical (14) ribs on each side and two angular ribs (15) provided to said each of the said fixture to impart the required strength to the fixture during the operation. A centre key slot (16) is provided at the said common base for loading the fixture on RDM (radial drilling machine) on straight co-axial direction of the said fixture pieces. One or more cores (17) are provided in the said each of the fixture in order to make it light weight. Two lifting points (18) are provided on top of the said fixture parts of the fixture to lift the said fixture; an open core (19) is provided in between the said angular faces to avoid the fouling or excess material of sliders.



No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :29/08/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: COATED FIBRE AND CONCRETE COMPOSITION COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C04B14/22,C04B20/10, E21B17/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Dow Corning India Private Limited Address of Applicant:5TH FLOOR, SCORPIO HOUSE, OPPOSITE GALLERIA HIRANANDANI BUSINESS PARK, POWAI, MUMBAI CITY, MAHARASHTRA-MH, INDIA. Maharashtra India (72)Name of Inventor: 1)Deepak Vijay DANDEKAR
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)Vivek RAJE 3)Milind VAIDYA

(57) Abstract:

A coated fibre comprising a fibre comprising polyester, and a coating on the fibre, said coating comprising a cross-linked silicone prepared by cross-linking on the fibre one or more silicon-containing compounds selected from an organosilane and organosilicone resin, wherein at least one of said silicon-containing compounds has at least three cross-linking groups is provided, together with a method of preparing such a fibre, a concrete composition comprising such coated fibres, and a method of preparing such a concrete composition.

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

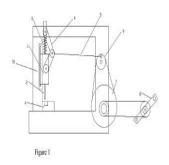
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PEDAL OPERATED GOOSEBERRY SEED REMOVING MACHINE

		(71)Name of Applicant :
(51) International classification	:A23N 4/14	1)Mr. Manish Dattatraya Pasarkar Address of Applicant :Assistant Professor, Department of
(31) Priority Document No	:NA	Mechanical Engineering, Sanjivani Rural Education Society TM s
(32) Priority Date	:NA	College of Engineering, Kopargaon-423 601 Maharashtra India
(33) Name of priority country	:NA	2)Mr. Pardeshi Suraj Sunil
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Mr. Manish Dattatraya Pasarkar
(87) International Publication No	: NA	2)Mr. Pardeshi Suraj Sunil
(61) Patent of Addition to Application Number	:NA	3)Dr. Ajaykumar Gulabsing Thakur
Filing Date	:NA	4)Ms. Durga Sitaram Nagare
(62) Divisional to Application Number	:NA	5)Ms. Priyanka Prakash Sasane
Filing Date	:NA	6)Mr. Sagar Malkar
		7)Mr. Dheeraj Popatrao Bhaskar

(57) Abstract:

Present invention provides specially Pedal Operated seed removing machine from fruits like Gooseberry etc. with higher efficiency and accuracy and can be used for mass production. As increase in currency value and increase in machinery cost and demand, the present invention will be used for both commercial and industrial use, with less cost, efficiency and eco-friendly. It provides a methodology for which no skilled operator is required to operate and even unskilled worker can easily operate the device. The machine is simple to understand for the workersand minimizes the problem of manual accident and wrist disease of worker. In the present invention a continuous flow of gooseberry will be provided through a conveyor system which is made up of light material by pedal force at precise timing and distance. A separate provision is made to hold Gooseberry in a die to facilitate ease of working and safety of operator. Following invention is described in detail with the help of Figure 1 of sheet 1 shows Assembly of pedal operated gooseberry seed removing machine, Figure 2 of sheet 1 shows different sectional view of the present invention and Figure 3 of sheet 2 shows Plunger and Piercing rod.



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

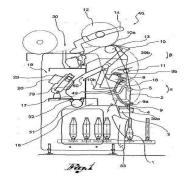
(22) Date of filing of Application :03/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD OF WINDING AND WINDER.

(51) International classification	:B65H54/70, B65H 67/00	(71)Name of Applicant: 1)SAVIO MACCHINE TESSILI S.P.A.
(31) Priority Document No	:PD2013A000135	Address of Applicant :VIA UDINE, 105 1-33170
(32) Priority Date	:16/05/2013	PORDENONE, ITALY Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:NA	1)BADIALI ROBERTO
Filing Date	:NA	2)CEOLIN MAURO
(87) International Publication No	: NA	3)COLOMBEROTTO GIORGIO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A winding method comprises the steps of - preparing a winder comprising a plurality of winder units (30), wherein at least one of said winder units (30) is fitted with a suction device (19) suitable for creating a high vacuum suction, and wherein said winder unit (30) is fitted with two suction intakes (9,10) suitable for catching the interrupted ends of yarn (2) and/or the starting end of a new feed bobbin (1), fluidically connecting the suction device (19) to mobile suction intakes (9,10), suitable for performing interruption and joining operations of a yarn (2) and for starting a new feed bobbin(1). When a new feed bobbin (1) needs to be started and/or the yarn (2) breaks, the intakes (9,10) move towards the feed bobbin (1) and the package (12) respectively so as to each catch a respective yam end, and bring it to a yarn-joiner (6) to restore the continuity of the yarn (2), when the yarn (2) moves during unravelling of the yarn (2) from a feed bobbin (1) and its winding onto a package (12), at least one of said suction intakes (9,10) moves next to the yarn (2) so as to aspirate the dust and/or yarn waste raised during winding.



No. of Pages: 23 No. of Claims: 20

(22) Date of filing of Application :07/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: DIPPER ATTACHMENT

	:E02F	(71)Name of Applicant:
(51) International classification	3/28,	1)CASE NEW HOLLAND CONSTRUCTION
	E02F3/36	EQUIPMENT (INDIA) PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :BOOMRANG, B-1, 207, Chandivali
(32) Priority Date	:NA	Farm Road, Andheri (East) Mumbai - 400 072, India Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAM KUMAR SHARMA
(87) 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 dipper attachment for attachment to an excavator having a dipper or a Loader Backhoe having dipper, a boom and a bucket pivotally mounted to said boom, said dipper attachment comprising at least one elongated plate disposed on said dipper wherein a gap is maintained between said elongated plate and said dipper allowing a spring back action against the exerted load. The dipper attachment protects the dipper from damage or direct impact of loaded material like stones, concrete or other hard and sharp edged material that hits the dipper while folding/closing bucket to hold material.

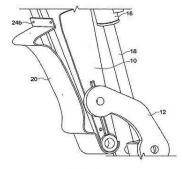


FIG. 1

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :28/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: USE OF UMIROLIMUS AND ITS DERIVATIVES FOR TREATING CANCER

(86) International Application No :NA Filing Date :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA Filing Date :NA Filing Date :NA	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	A61K9/127 :61/732,629 :03/12/2012 :U.S.A. :NA :NA : NA : NA : NA	, ,
---	---	--	-----

(57) Abstract:

Novel encapsulated umirolimus and umirolimus polymer conjugate formulations having enhanced permeability and retention at tumor sites. Also provided are methods for treating cancer by administering the umirolimus formulations.

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

(22) Date of filing of Application :29/11/2013

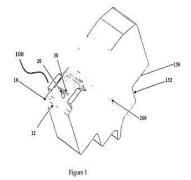
(43) Publication Date: 30/10/2015

(54) Title of the invention: ASSEMBLY FOR MOUNTING/UNMOUNTING CIRCUIT BREAKER ON/FROM DIN RAIL

(51) International classification	71/00, B41B	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India (72)Name of Inventor:
(31) Priority Document No	:NA	1)VIRENDER BURA
(32) Priority Date	:NA	2)AMOL SHIRKE
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an assembly for mounting/unmounting a circuit breaker on/from a DIN rail. The assembly comprises a DIN clip being capable of sliding between two walls of a housing of the circuit breaker. The DIN clip includes a slot provided thereon for inserting a tool for pulling the DIN clip from the housing. Further, the assembly comprises a protrusion configured on the housing in between the two walls of the housing, and a string supported between two sides of the DIN clip. The string rests on the protrusion thereby keeping the DIN clip at firm position without moving it downwards. When the DIN clip is pulled downwards, the string moves along with the DIN clip and the motion of the string is hindered by the protrusion which bends with application of force in direction of pull and allows the circuit breaker to be removed from the DIN rail.



No. of Pages: 12 No. of Claims: 3

(22) Date of filing of Application :27/02/2014

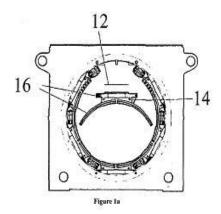
(43) Publication Date: 30/10/2015

(54) Title of the invention: A MOTOR FRAME PROVIDING EASE OF COMMUTATION, AND A MOTOR, THEREOF.

(51) International classification (31) Priority Document No	:H02K23/62 :NA	(71)Name of Applicant: 1)CROMPTON GREAVES LIMITED
(32) Priority Date	:NA	Address of Applicant :CROMPTON GREAVES LIMITED,
(33) Name of priority country	:NA	CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD,
(86) International Application No	:NA	WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA.
Filing Date	:NA	Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PANDYA ANKIT
Filing Date	:NA	2)UPADHYAY AMARENDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A motor frame providing ease of commutation, said motor frame comprising: at least two laterally located cut-outs on operative top surface of said motor frame, said cut-outs being located in a pre-defined manner at pre-defined locations for allowing insertion of self-aligning liners merely by loosening of mounting bolts of pole bricks. A motor within a motor frame, of this invention, is also provided.



No. of Pages: 19 No. of Claims: 10

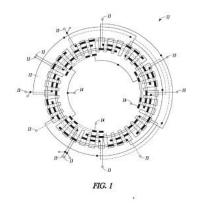
(22) Date of filing of Application :05/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ALTERNATOR FOR A POWER GENERATION SYSTEM

(31) Priority Document No H02P9/1 (31) Priority Document No :13/790,	, -
--	-----

(57) Abstract:

An alternator for a power generation system. The alternator includes a stator. The stator includes a main output winding, a poly-phase auxiliary winding and an exciter field winding that is powered by the poly-phase auxiliary winding. The alternator further includes a rotor that includes an exciter secondary winding and a rotary field winding that is powered by the exciter secondary winding. The rotary field winding voltage is determined by the exciter secondary winding voltage. In some power generation systems, the rotary field winding current of the rotor may be directly rectified from the exciter secondary winding current by uncontrolled rectifiers. The alternator further includes a regulator that measures a current to the exciter field winding. The regulator controls the current to a set point in order to regulate an output voltage produced by the main output winding of the stator.



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

(22) Date of filing of Application :09/05/2013

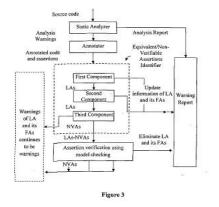
(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD AND SYSTEM TO IDENTIFY REDUNDANT ASSERTIONS FOR EFFICIENT ELEMINATION OF FALSE POSITIVES

(31) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No : NA	Address of Applicant:NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: 1)MUSKE, TUKARAM B 2)KHANZODE, MAYUR SUHAS
(61) Patent of Addition to Application Number :NA	3)DATAR, ADVAITA
Filing Date :NA	4)R, VENKATESH
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

Disclosed is a method for facilitating a model checker based elimination of false positives generated during static analysis of an application code. The method comprises analyzing the application code to generate a plurality of assertions. The method comprises identifying a set of equivalent assertions and computing one or more leader assertions and one or more follower assertions from the set of equivalent assertions. The method comprises grouping the leader assertion and the one or more follower assertions of the leader assertion in a group and verifying the leader assertion in each group and skipping verification of the one or more follower assertions in each group. The method may also comprise denoting one or more assertions as non-verifiable assertions when at least one of the one or more loops on which the assertions are dependent, is amongst set of run-time dependent loops. The method comprises skipping verification of the non-verifiable assertions.



No. of Pages: 43 No. of Claims: 36

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF VILAZODONE HYDROCHLORIDE AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07D405/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :CADILA HEALTHCARE LIMITED
(33) Name of priority country	:NA	PLOT NO. 26-29 & 31, DABHASA-UMARAYA ROAD, VILL.
(86) International Application No	:NA	DABHASA, TAL. PADA, DIST. VADODARA Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DWIVEDI SHRIPRAKASH DHAR
(61) Patent of Addition to Application Number	:NA	2)SINGH RAMESH CHANDRA
Filing Date	:NA	3)PATIL SACHIN ASHOKRAO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention provides a novel crystalline Form-Z of vilazodone hydrochloride of Formula (I) and a process of the preparation thereof.

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

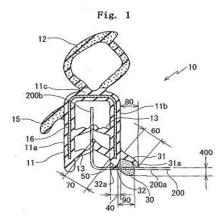
(22) Date of filing of Application :12/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: MOUNTING STRUCTURE OF WEATHER STRIP

(51) International classification	:E05B17/00, B60J10/08, B60J10/00	(71)Name of Applicant: 1)NISHIKAWA RUBBER CO., LTD. Address of Applicant: 2-8, MISASA-MACHI 2-CHOME,
(31) Priority Document No	:2012- 268485	NISHI-KU, HIROSHIMA-SHI, HIROSHIMA-KEN, JAPAN Japan
(32) Priority Date	:07/12/2012	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)TSUCHIDA HIDESHI
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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:

Highly-foamed sponge 30 is protrudingly provided on an outer-cabin side surface of an end of an outer-cabin side wall 1 lb of an installation base member 11 having a substantially U-shaped cross section; a fin 31 diagonally extends from the outer-cabin side wall lib and touches the highly-foamed sponge 30; when a hollow seal member 12 makes elastic contact with an opening or closing body 100, the highly-foamed sponge 30 and the end of the outeT-cabin side wall 11b directly make elastic contact with the level surface 200a, respectively, and a top end 31a of the fin 31 directly abuts the level surface 200a and the fin 31 covers up the highly-foamed sponge 30.



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

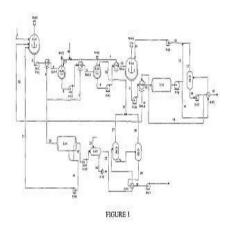
(22) Date of filing of Application :27/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR EXTRACTION OF LINEAR HYDROCARBONS FROM HYDROCARBON FEED

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number (83) International Publication No (84) International Publication No (85) Patent of Addition to Application Number (86) Divisional to Application Number (87) International Publication Number (88) International Publication Number (89) Patent of Addition to Application Number (80) Divisional to Application Number (81) 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)BISHT HARENDER 2)UPADHYAY ALPESH 3)DAS, ASIT KUMAR 4)DONGARA RAJESHWER 5)MARVE MAHESH G 6)MALVANKER MANTHAN A 7)CHAKRAVARTHY RAMACHANDRA 8)MANDAL SUKUMAR 9)GHOSH SWAPAN
---	---

(57) Abstract:

In the present disclosure, a cost efficient process for the extraction of linear hydrocarbons from a hydrocarbon feed is disclosed wherein some of the solvents used in the extraction process are used further without being subjected to any recovery methods and/or recovered by distillation using low temperature waste heat available from refineries and/or recovered without requiring any heat energy and are used further in the extraction of linear hydrocarbons. The process for extraction of linear hydrocarbons as disclosed in the present disclosure completely eliminates the use of heat energy during solvent recovery, thereby minimizing the high operation cost involved with the conventional extraction methods.



No. of Pages: 35 No. of Claims: 15

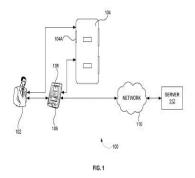
(22) Date of filing of Application :06/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PORTABLE HEALTH MONITORING DEVICE CASING

(51) International classification	:A61B 5/15, A61B 5/00	(71)Name of Applicant: 1)Azoi Inc Address of Applicant:418 KOSCIUSKO AVE SOUTH PLAINFIELD, NEW JERSEY 07080-3961 U.S.A.
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Hamish Patel
(33) Name 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 casing (104) adapted to use with a mobile device (106) for monitoring health condition of a user (102) is provided. The casing (104) includes (a) a memory unit, (b) a sensor unit (302) at a surface of the casing (104), (c) a plurality of health parameter measuring sensors embedded within the sensor unit (302) for measuring raw health parameters data of the user (102), (d) a processor (208) which is activated from a sleep mode based on a user input including contacting at least one predetermined sensor surface on the casing (104) for a predetermined period, and (e) a power unit (220) for controllably supplying power to the sensors and the processor (208) upon detecting the user input. The casing further includes a communication unit (228) for communicating the raw health parameters data to the mobile device (106) for processing.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.148/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :16/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR SEPARATION OF SOLIDS IN BIOGAS PLANT SLURRY FOR RESOURCE REUTILIZATION

(51) International classification	C10L3/06, C05D1/00, C02F1/	(71)Name of Applicant: 1)BAIF Development Research Foundation Address of Applicant: Dr. Manibhai Desai Nagar, Warje, Pune 411 058, Maharashtra, India Maharashtra India
(31) Priority Document No	:NA	2)Sankalp Medical Education Trust
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)Chandan Gadgil
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein is a method and integrated system for for separation of solids in biogas plant slurry for resource reutilization, and in particular making available the recovered water and slurry components for process-recycle and/or feed to further downstream applications

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

(22) Date of filing of Application :07/05/2013

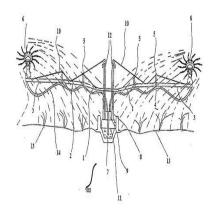
(43) Publication Date: 30/10/2015

(54) Title of the invention: ADVANCED MOBILE SPRINKLER IRRIGATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A01G25/16, A01G25/09 :NA :NA :NA :NA	(71)Name of Applicant: 1)RAMESHBHAI KALABHAI PATEL Address of Applicant: AT. POST. HARIPURA, TALUKA - BARDOLI, DIST. SURAT, GUJARAT, INDIA. Gujarat India (72)Name of Inventor: 1)RAMESHBHAI KALABHAI PATEL
 (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 advance mobile sprinkler irrigation system (100) which is not only efficient to wipeout inevitable problems and limitation of previous irrigation would certainly approve as game changer to propel whole agricultural industry to newer extreme height. The present advance mobile sprinkler irrigation system (100) comprising of a multi armed rotary sprinkler (6), a flexible pipe (14), a channel (7), plurality of unfolded wing (200), a vertical support (5), a support wire (10), a traveling vehicle (11), a telescopic tower (8), a water pump with oil engine and CCTV cameras (12), with a extra set of balancing mechanism by having telescopic tower with wings attached to base unit (15) with a pendulum join (16), which allows the movement of the sprinkler (6) as and when required.



No. of Pages: 27 No. of Claims: 23

(22) Date of filing of Application :27/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: LOOP ABSTRACTION FOR MODEL CHECKING

(51) I () () () () () () (G06E0/44	(71)N 6 A P 4
(51) International classification	:G06F9/44	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DARKE, Priyanka Dilip
(87) International Publication No	: NA	2)CHIMDYALWAR, Bharti Dewrao
(61) Patent of Addition to Application Number	:NA	3)R, Venkatesh
Filing Date	:NA	4)SHROTRI, Ulka Aniruddha
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Loop abstraction includes determining an original loop within the source code. The original loop includes a control statement and a loop body such that the original loop causes the loop body to be repeatedly executed based on the control statement. Further, output variables in the original loop and a number of blocks associated with the original loop are identified. The number of blocks is indicative of a count of unconditionally executed statement sets in which at least one output variable is computed. An abstract loop corresponding to the original loop is generated by adding a modified expression for accelerated assignment for each output variable in a subset of the output variables, and replacing the control statement with a bounded control statement. The original loop is replaced with the abstract loop for generating an abstract source code for the model checking.

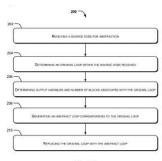


Fig. 2

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

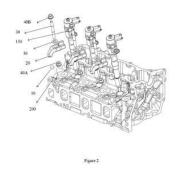
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR CLAMPING INJECTOR OF INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No(32) Priority Date	:F02M61/14 :NA :NA	(71)Name of Applicant: 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant: R&D CENTER, AUTOMOTIVE
(33) Name of priority country	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007
(86) International Application No	:NA	MAHARASHTRA STATE, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIKRAMAN VELLANDI
(61) Patent of Addition to Application Number	:NA	2)PRASAD BABU NAMANI
Filing Date	:NA	3)PARAG NARSINHA DAITHANKAR
(62) Divisional to Application Number	:NA	4)RAMASAMY VELUSAMY
Filing Date	:NA	

(57) Abstract:

Disclosed are a clamping assembly (100) and a method for mounting a fuel injector (150) of an internal combustion engine. The clamping assembly (100) comprises a spacer (10), an injector clamp (20), a retainer (30), a first fastener (40A), a second fastener (40B) and a washer (50). The injector clamp (20) with the fuel injector (150) is mounted on the cylinder head (200) using a stud as the retainer (30) thereby making the cylinder head (200) lesser susceptible to damages. The clamping assembly (100) uses cheaper and easier to manufacture and easy to service parts. Figure 2



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

(22) Date of filing of Application :06/03/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF BENZOPHENONE SULFONAMIDE DERIVATIVES AND THEIR ANTILEUKEMIC ACTIVITY.

	:C07D	(71)Name of Applicant:
(51) International classification	405/04,C07D	1)DR. M. M. V. RAMANA
	295/00	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 Number	:NA	3)MEHTA ANKITA LAXMAN
Filing Date	:NA	
(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 leukemia. Study relates to a process for the preparation of novel benzophenone sulfonamide derivatives and their antileukemic activity.

No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :24/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: A METHOD AND SYSTEM FOR EPG MANAGEMENT

(51) International classification	:H04N 21/00	(71)Name of Applicant: 1)WHATS ON INDIA MEDIA PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant : A WING, 3RD FLOOR, TODI
(32) Priority Date	:NA	ESTATE, SUN MILL COMPOUND, OPP. PHOENIX MILLS,
(33) Name of priority country	:NA	LOWER PAREL, MUMBAI 400013, MAHARASHTRA, INDIA
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ATUL PHADNIS
(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 the method thereof provided by way of the present invention relates to an automated EPG dispatch and update with customized EPG data format for viewership of the user in accordance to the operator devices compatible format and to benefit across multiple platforms. The EPG index is delivered in custom formats to the operator devices/set-top-boxes to provide services as per user preference.

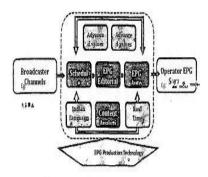


Fig 1: system for automated EPG dispatch

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

(22) Date of filing of Application :08/11/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention : SOLAR EVAPORATOR WATER COOLING SYSTEM FOR VEGETABLES, FRUITS & FLOWERS VENDING CART/TRICYCLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	F24J2/48 :NA :NA :NA :NA	(71)Name of Applicant: 1)DEEPAK K SOLANKI Address of Applicant: POST BAG: 1137, VASCO POST OFFICE, VASCO-DA-GAMA, GOA 403802. Goa India (72)Name of Inventor: 1)DEEPAK K SOLANKI
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A UNIT DEVICE USEFUL FOR STORAGE FACILITY FOR VEGETABLES , FRUITS & FLOWERS WHICH ARE KEPT UNDER COOL TEMPERATURE TO RETAIN ITS FRESHNESS AND NUTRIENTS FACTS FOR 1 DAY WITHOUT INCREASING THE ACTUAL WEIGHT.

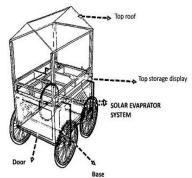


FIG -01 above illustration design highlights the complete unit,

No. of Pages: 8 No. of Claims: 2

(22) Date of filing of Application :28/02/2014

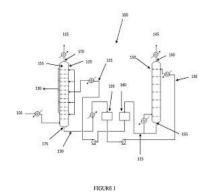
(43) Publication Date: 30/10/2015

(54) Title of the invention : SOLVENT COMPOSITION AND METHOD FOR REMOVING ACIDIC COMPONENTS FROM INDUSTRIAL GASES.

	:B01D	(71)Name of Applicant:
(51) International classification	53/00,	1)INSTITUTE OF CHEMICAL TECHNOLOGY
	B01D53/14	Address of Applicant :N M PAREKH RD, MATUNGA,
(31) Priority Document No	:NA	MUMBAI - 400 019, MAHARASHTRA, INDIA Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	2)GAIL (INDIA) LIMITED
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VAIDYA PRAKASH D.
(87) International Publication No	: NA	2)BHAGWAT SUNIL SUBHASH
(61) Patent of Addition to Application Number	:NA	3)BUDHWANI NEHA
Filing Date	:NA	4)SINHA RENU
(62) Divisional to Application Number	:NA	5)CHUGH PARIVESH
Filing Date	:NA	6)SOMESWARUDU M V RAVI

(57) Abstract:

The present invention relates to a novel absorbent composition and a method for the removal of carbon dioxide from industrial gases, wherein the absorbent composition can include an effective amount of at least one tertiary alkanolamine selected from methyldiethanolamine, N, N-dimethylmonoethanolamine, N,N-diethylmonoethanolamine and N-ethyldiethanolamine; an effective amount of at least one promoter wherein the promoter is dialkyl derivative of 1,6-hexamethylenediamine; and an effective amount of water.



No. of Pages: 22 No. of Claims: 7

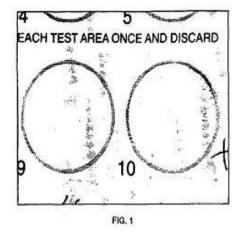
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SEROLOGICAL METHODS AND DIAGNOSTIC TESTS FOR SYPHILIS 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 	C12Q1/00, G01N33/531 :61/778,544 :13/03/2013 :U.S.A. :NA :NA : NA	(71)Name of Applicant: 1)AWARENESS TECHNOLOGY INC., Address of Applicant:1935 S.W. MARTIN HIGHWAY, PALM CITY, FLORIDA 34990. U.S.A. (72)Name of Inventor: 1)DAVID J. KIEFER 2)OSCAR R. COMPAIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A non-treponemal diagnostic test for syphilis infection includes initially dissolving cholesterol in an organic solvent and further diluting the dissolved cholesterol in an ethanol solution comprising cardiolipin and lecithin, permitting a volume of the antigen solution to evaporate in place within a container, rinsing the coated container with buffered saline, stabilizing the antigen coating by overcoating the antigen coating with an inert protein dissolved in buffered saline, decanting the overcoat solution, air-drying the container, and sealing the container in vapor-proof pouches with desiccant, providing an enzyme-labeled conjugate component of a syphilis infection test that is formulated to be compatible with a lipid nature of the cholesterol, the cardiolipin, and the lecithin VDRL antigens, providing a sample diluent that is formulated to be compatible with the lipid nature of the VDRL antigens, and providing a wash fluid that is formulated to be compatible with the lipid nature of the VDRL antigens.



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

(22) Date of filing of Application :06/03/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : PRIMARY AND FOREIGN KEY RELATIONSHIP IDENTIFICATION WITH METADATA ANALYSIS

(51) International classification	:G06F17/30, G06F 17/00	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(32) Priority Date	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)TRIVEDI, Keval K.
Filing Date	:NA	2)KARKHANIS, Shweta S.
(87) International Publication No	: NA	3)BHARADWAJ, Akshay P.
(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 identifying a primary key relationship using metadata of a data source is described herein. In an implementation, the method includes identifying a pair of metadata from the data source for comparison. A phonetic code of each of the pair of metadata is determined. Further, the phonetic code of the pair of metadata is compared to determine a phonetic disparity score. A string sequence of the pair of metadata is compare to determine a string comparison score. Further a compliance to a predefined set of constraints are checked for the pair of metadata, and a primary key and foreign key relationship is determined based on the phonetic disparity code, string comparison code and compliance of the pair of metadata to a predefined set of constraints.

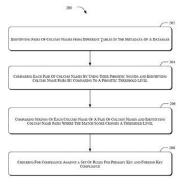


Fig. 2

No. of Pages: 35 No. of Claims: 17

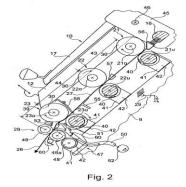
(22) Date of filing of Application :24/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: DRAFTING ARRANGEMENT FOR A SPINNING MACHINE

(51) International classification	:D01H5/26,	(71)Name of Applicant :
(* -)	D01H5/20	1)OERLIKON TEXTILE GMBH & CO. KG
(31) Priority Document No	:10	Address of Applicant :LEVERKUSER STRASSE 65, D-
(31) Thomas Bocament 140	2012013574.2	42897 REMSCHEID, GERMANY Germany
(32) Priority Date	:06/07/2012	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)SCHALLER, JUERGEN
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 rafting arrangement for a spinning machine for processing filaments, with at least one feed roller pair, a centre roller pair and a withdrawal roller pair, the roller pairs rotating at different rotational speeds, the bottom rollers being configured as partly fluted shafts and the top rollers (21 o, 22o, 23o) being mounted in a pendulum carrier (12). According to the invention, it is provided that the surfaces of all the roller pairs (21, 22, 23) of the drafting arrangement (10) are, in each case, in contact with one another without the interposition of belts, in order to guide the filaments (27) in a clamping manner, to tear them in the process by means of their different rotational speeds and to draw them, forming staple fibres, in that the loading force of the top withdrawal rollers is greater than 35 daN and in that a compression device (28) is installed behind the delivery roller pair (23) in the conveying direction of the filaments (27).



No. of Pages: 18 No. of Claims: 11

(21) Application No.3570/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF ACLIDINIUM BROMIDE

		(71)Name of Applicant:
(51) International classification	:C07D453/02	1)GLENMARK PHARMACEUTICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :GLENMARK GENERICS LIMITED,
(32) Priority Date	:NA	GLENMARK HOUSE, HDO - CORPORATE BLDG, WING-A,
(33) Name of priority country	:NA	B.D.SAWANT MARG, CHAKALA, ANDHERI (EAST),
(86) International Application No	:NA	MUMBAI - 400 099 INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHEKHAR BHASKAR BHIRUD
(61) Patent of Addition to Application Number	:NA	2)SAMIR JAIVANT NAIK
Filing Date	:NA	3)SUSHANTA KUMAR MISHRA
(62) Divisional to Application Number	:NA	4)PREMKUMAR RANRAJ YADAV
Filing Date	:NA	5)YOGESH BABURAO KAJALE
		6)LALIT VASANT MARATHE

(57) Abstract:

The present invention relates to process for the preparation of aclidiunium or intermediates thereof. More particularly, it relates to the preparation of aclidinium bromide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3572/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : A METHOD FOR PREPARING SUPPORTED METAL CATALYSTS FOR HYDROGENATING UNSATURATED HYDROCARBONS

(51) International classification	:B01J23/89, C07C5/09	(71)Name of Applicant: 1)EURECAT S.A
(31) Priority Document No	:1261449	Address of Applicant :ZI Jean Jaur's 121 Avenue Marie Curie
(32) Priority Date	:30/11/2012	07800 LA VOULTE-SUR-RHNE FRANCE France
(33) Name of priority country	:France	(72)Name of Inventor:
(86) International Application No	:NA	1)DUFRESNE Pierre
Filing Date	:NA	2)KIRUMAKKI Sharath
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for preparing a supported metal catalyst for the selective hydrogenation of unsaturated hydrocarbons, characterized in that it comprises the following steps: a) electroplating a layer of nickel on a metallic support, and then b) electroplating a top layer of platinum and/or palladium. The present invention also relates to the supported metal catalyst obtained by this process, and the use thereof in hydrogenation reactions of unsaturated hydrocarbons, in particular for the selective hydrogenation of light olefins.

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :28/02/2014

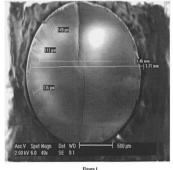
(43) Publication Date: 30/10/2015

(54) Title of the invention : REFORMING CATALYSTS FOR REFORMING AND DE-ALKYLATION OF ALKYL AROMATIC COMPOUND AND A METHOD FOR PREPARATION THEREOF

	:C10G	(71)Name of Applicant:
(51) International classification	35/00,B01J	1)RELIANCE INDUSTRIES LIMITED
	38/00	Address of Applicant :3rd Floor, Maker Chamber-IV 222,
(31) Priority Document No	:NA	Nariman Point, Mumbai-400021, Maharashtra, India Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SHARMA Nagesh
Filing Date	:NA	2)KUMAR Ajay
(87) International Publication No	: NA	3)METTU Anilkumar
(61) Patent of Addition to Application Number	:NA	4)KATRAVULAPALLI Seeta Rama Murthy Veera Venkata
Filing Date	:NA	Satya Bhaskara
(62) Divisional to Application Number	:NA	5)GOPALAKRISHNAN Kalpana
Filing Date	:NA	6)JASRA Raksh Vir

(57) Abstract:

The present disclosure relates to a catalyst for a naphtha reforming process. The catalyst comprises a chloride free zeolite coated alumina support impregnated with 0.01 wt% to 0.5 wt% active metal and 0.01 wt% to 0.5 wt% promoter metal, characterized in that the thickness of the zeolite coating on the alumina support ranges from 100 μ m to 200 μ m.



) guit

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.777/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014

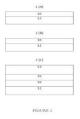
(43) Publication Date: 30/10/2015

(54) Title of the invention: A MULTI-LAYER POLYMERIC FILM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	27/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)BILCARE LIMITED Address of Applicant:601, ICC Trade Tower, Pune 411 016, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)KULKARNI SANJEEV DATTATRAY
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)UMRANI MAHENDRA MUKUND 3)JADHAV NIKHIL HIRAMAN 4)NAIK PRAFUL 5)MUKHERJEE SOMENATH

(57) Abstract:

The present disclosure provides a multilayer formable barrier film having a thickness ranging from 100 to 750 micron comprising. The film comprises i) a substrate layer comprising a) a PVC film, optionally laminated with a PE film and, b) at least one layer of PVDC as a barrier layer; and ii) a base layer comprising a) a PVC film, optionally laminated with a PE film and, b) at least one layer of PVDC as a barrier layer, said base layer laminated to said substrate layer through an adhesive coat.



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

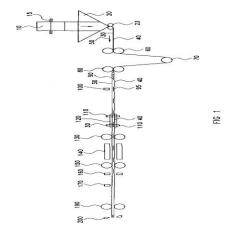
(22) Date of filing of Application: 18/09/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: MACHINE AND METHOD FOR MANUFACTURING PLASTIC POUCHES

	:B65D	(71)Name of Applicant :
(51) International classification	33/00,	1)MAMATA MACHINERY PVT. LTD.
	B31B1/26	Address of Applicant :423/P SARKHEJ BAVLA ROAD,
(31) Priority Document No	:NA	MORAIYA, AHMEDABAD-382 213, GUJARAT, INDIA
(32) Priority Date	:NA	Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PATEL JAYESHKUMAR DAHYABHAI
Filing Date	:NA	2)PATEL SNEHAL KANAIYALAL
(87) International Publication No	: NA	3)PATEL KOKESHKUMAR KIRTIKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The machine and the method disclosed, use a panel plastic film that is longitudinally folded into top and bottom halves before slitting along the fold. The halves are simultaneously transported ensuring print registration and requiring a single accumulator in the longitudinal direction. Side gusset pieces are inserted between the top and bottom halves through an initial gap enlarged by a pair of timing belts. The top and bottom halves partly sealed with the side gusset pieces are pulled away from each other and a means gives the ends of the side gusset pieces the shape of a rhomboid. Bottom gusset film is vertically sealed along the vertical axis of the rhomboid shaped ends of the side gusset pieces with the seal extending to the folded portions of the top and bottom halves. Longitudinal sealing and transverse sealing before cutting ensure sealing of the bottom gusset and side gussets.



No. of Pages: 39 No. of Claims: 13

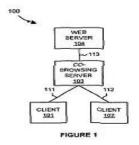
(22) Date of filing of Application :19/12/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: PRESENTATION OF CONTEXTUAL INFORMATION IN A CO-BROWSING ENVIRONMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:13/788,071 :07/03/2013 :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)GAURAV MORESHWAR BADGE 2)DEEP SUBHASH PAI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments described herein provide systems and methods for presenting contextual information in a co-browsing environment. In a particular embodiment, a method provides receiving an instruction in a co-browsing server to initiate a co-browsing session for a website with a first client and a second client. The method further provides determining contextual information related to a user of the first client and the website. The method further provides presenting the website at the first client and presenting the website at the second client, wherein an indication of the contextual information is overlaid on the website at the second client.



No. of Pages: 34 No. of Claims: 20

(22) Date of filing of Application :04/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HERBAL COMPOSITION FOR A BEVERAGE WITH ANTIOXIDANT PROPERTIES

(51) International classification	:A61K 36/00, A23L 2/00	(71)Name of Applicant: 1)GADA, Samatbhai Popatbhai Address of Applicant: JASDAN, TALUK, GONDAL, DISTRICT RAJKOT, STATE GUJARAT 360 050 INDIA.
(31) Priority Document No	:NA	Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)GADA, Samatbhai Popatbhai
(86) International Application No	:NA	_
Filing Date	:NA	
(87) 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:

Herbal compositions for a beverage with antioxidant properties, the herbal compositions comprising of at least a part of tea product, at least a part of Opuntia elatior, and at least a part of Zingiber officinale to which parts of one or more additional complimentary herb may be optionally added wherein the additional complimentary herb is also a herb used for a beverage with antioxidant properties. The invention also provides for methods of preparation of the herbal compositions.

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

(22) Date of filing of Application :07/03/2014

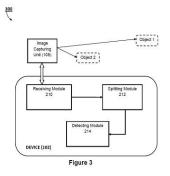
(43) Publication Date : 30/10/2015

(54) Title of the invention: MULTI RANGE OBJECT DETECTION DEVICE AND METHOD

	:G06K9/00,	(71)Name of Applicant:
(51) International classification	G06K9/62,	1)Tata Consultancy Services Limited
	G06T 7/00	Address of Applicant :Nirmal Building, 9th floor, Nariman
(31) Priority Document No	:NA	point, Mumbai 400021, Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)C.R., Manoj
(86) International Application No	:NA	2)PARAMASIVAM, Thiyagarajan
Filing Date	:NA	
(87) 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 disclosure discloses device and method for detecting objects placed at multiple ranges from vehicle. Images of the objects may be captured by an image capturing unit housed in the vehicle. The image may be splitted into plurality of sub-images. Further, one or more features may be extracted from the plurality of sub-images. Further, each of the plurality of sub-images may be simultaneously processed for computing gradients associated with the plurality of sub-images. Further, a cell histogram may be created by casting weighted vote for an orientation based histogram channel based on values associated with the gradient. The gradients computed may be normalized by grouping the cells in spatial blocks. Further, a Support vector Machine (SVM) linear classifier may be applied on the plurality of sub-images in order to classify the near object and the far object in a category of a pedestrian or a vehicle.



No. of Pages: 22 No. of Claims: 12

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: MELT DISPERSION AND A PROCESS FOR PREPARING THE SAME

	:A61K	(71)Name of Applicant :
(51) International classification	9/00,	1)MR. GHADAGE ASHOK GANPAT
(-, -, -, -, -, -, -, -, -, -, -, -, -, -	A61K 31/00	Address of Applicant :A/P- JAWALA (N), TAL- PARANDA, DIST- OSMANABAD, PIN-413502, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MR. GHADAGE ASHOK GANPAT
(86) International Application No	:NA	2)DR. GURAV SHAILENDRA SHIVAJI
Filing Date	:NA	3)MRS. GURAV NILAMBARI SHAILENDRA
(87) International Publication No	: NA	4)MR. PHALKE AJIT ASHOK
(61) Patent of Addition to Application Number	:NA	5)MISS. CHUNGDE VARSHA HUKUMSING
Filing Date	:NA	6)MR. CHAULANG GANESH MAHADEV
(62) Divisional to Application Number	:NA	7)MR. KALE AMOL PRABHAKAR
Filing Date	:NA	

(57) Abstract:

The present invention provides a process of enhancing the solubility of water insoluble drugs or sparingly water soluble drugs using vitamin E-TPGS (d-alpha tocopheryl polyethylene glycol 1000 succinate) as a solubliser and various adsorbents like aerosol 200, aeroperl 300 and neusilin. The present invention also provides a melt dispersion of water insoluble drugs or sparingly water soluble drugs and an oral dosage from containing the melt dispersion.

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

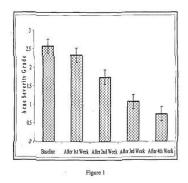
(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: A TOPICAL ANTI-ACNE FORMULATION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No :N.	IA IA	Address of Applicant :BRAHMANAND, BEHIND HOLY FAMILY ENGLISH MEDIUM SCHOOL, JAIRAM COLONY, VIDYANAGAR, TAL- KARAD, DIST SATARA-415124, MAHARASHTRA, INDIA Maharashtra India
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (Name of Addition Number of Application Number of Applicatio	IA NA IA IA	(72)Name of Inventor: 1)DR. BURADE KISHORKUMAR BALKRISHNA 2)DR. KUCHEKAR BHANUDAS SHANKARRAO 3)DR. GURAV SHAILENDRA SHIVAJI 4)MRS. GURAV NILAMBARI SHAILENDRA

(57) Abstract:

The present invention relates to a substance derived from a combination of plant materials of Rubia cordifolia, Symplocos racemosa, Acorus calamus, Coriandrum sativum, Citrus limon, and at least one pharmaceutically accepted excipient selected from the group consisting of surfactants, oils, waxes, thickening agents (gelling agent), emollients, preservatives, vehicles, perfumes and colorants, wherein, the proportion of each plant material with respect to other is 1:1 and the amount of said substance ranges between 0.1 and 20 wt%. The present invention also relates to a process for preparing a topical anti-acne formulation.



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

(22) Date of filing of Application :13/09/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN ANTI-DIABETIC COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date	:A61P3/10, A61K9/50 :NA :NA	(71)Name of Applicant: 1)DR. BURADE KISHORKUMAR BALKRISHNA Address of Applicant: BRAHMANAND, BEHIND HOLY FAMILY ENGLISH MEDIUM SCHOOL, JAIRAM COLONY,
(33) Name of priority country (86) International Application No	:NA :NA	VIDYANAGAR, TAL- KARAD, DIST SATARA-415124, MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)DR. BURADE KISHORKUMAR BALKRISHNA 2)DR. KUCHEKAR BHANUDAS SHANKARRAO
Filing Date (62) Divisional to Application Number	:NA :NA	3)DR. GURAV SHAILENDRA SHIVAJI 4)MRS. GURAV NILAMBARI SHAILENDRA
Filing Date	:NA	TIMO. COMIT INDIMIDIMI GHADENDA

(57) Abstract:

The present invention relates to an anti-diabetic composition comprising: a. an extract derived from a combination of at least two plant materials selected from the group consisting of Momordica muricata, Tinospora cordifolia, Trigonella foenum graceum, Caesalpinia bonducella, and Curcuma longa; b. shilajit; and c. optionally, at least one pharmaceutically acceptable carrier. The present invention also relates to a process for preparing an anti-diabetic composition.

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

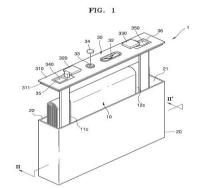
(22) Date of filing of Application :10/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: BATTERY UNIT AND BATTERY MODULE USING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	H01M2/08 :10-2013- 0038284	(71)Name of Applicant: 1)SAMSUNG SDI CO., LTD. Address of Applicant:150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Jang-Hyun Song
---	----------------------------------	--

(57) Abstract:

A battery unit includes a case for accommodating an electrode assembly and having an opening, a cap plate for covering the opening and having a terminal insertion portion that is formed by vertically penetrating the cap plate, a terminal member inserted into the case through the terminal insertion portion to electrically expose the electrode assembly to the outside of the case, and a fixing member disposed in the terminal insertion portion to fix the terminal member on the cap plate, the fixing member being formed by an insert injection molding method in which plastic resin is injected in the terminal injection portion in a state where the terminal member is inserted in the terminal insertion portion, wherein the fixing member comprises a recessed portion that is recessed down from an upper surface of the fixing member to decrease a thickness of a lower wall of the fixing member.



No. of Pages: 47 No. of Claims: 17

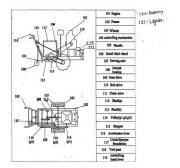
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AGRICULTURAL MULTIPURPOSE MINI-VEHICLE(NANO TRACTOR).

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A01B 49/00, A01B 59/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RANJIT S. KAWALE Address of Applicant: A/P: BOPEGAON, TAL- DINDORI, DIST- NASIK -422 205, MAHARASHTRA, INDIA. Maharashtra India 2)SURAJ R. DAWARE 3)PANKAJ R. THETE (72)Name of Inventor: 1)RANJIT S. KAWALE 2)SURAJ R. DAWARE 3)PANKAJ R. THETE
(61) Patent of Addition to Application Number	:NA	3)PANKAJ R. THETE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is related to the Agriculture Applications more particularly this invention is related to the agriculture Nano Tractor Having Multiple application such as Harrowing, Cultivating, Seed Sowing, and ploughing, spraying applications. This Consist of power source engine and rechargeable Battery. The engine mounted on frame the wheels is used for propelling of vehicle. The handle is for guiding the nano Tractor. The controlling Mechanism includes controlling hand lever, Stopper, accelerator lever and pulley. The power Transmission system includes three axles out two is including driving axle and power is transmitted through it by using belt drive, Gear drive and chain drive respectively from engine towards driving wheels. Two tool posts are provided for mounting of specific tool for specific operation invidiously. For harrowing operation harrowing tool is provide which is detachable and fitted at bottom of handle below the frame at tool post. For cultivating operation cultivator tool unit is provided. To perform seed sowing operation in addition with cultivator unit seed feeding mechanism is provided. To perform ploughing operation plough is provided. While performing spraying operation sprayer is mounted on tool post which is above frame at a certain height. For wounded grass fodder cutting operation cutter is mounted on same tool post of spraying operation by alternatively.



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

(22) Date of filing of Application :26/03/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: AM IMPROVED PROCESS FOR PREPARATION OF AMORPHOUS FORM OF DASATINIB

(51) International classification	:C07D417/12,A61K31/506	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :CADILA HEALTHCARE LTD; PLOT
(33) Name of priority country	:NA	NO. 26-29 & 31, DABHASA-UMARAYA ROAD, VILL.
(86) International Application No	:NA	DABHASA- 391440, TAL. PADRA, DIST. VADODARA,
Filing Date	:NA	GUJARAT, INDIA Gujarat India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)DWIVEDI SHRIPRAKASH DHAR
Number	:NA	2)SINGH KUMAR KAMLESH
Filing Date		3)SINGH NIKHILAMAR
(62) Divisional to Application Numbe	r :NA	4)PATIL AMOL KASHINATH
Filing Date	:NA	

(57) Abstract:

A stable amorphous form of dasatinib of Formula (I) wherein amorphous dasatinib after exposure to a relative humidity of 75% at 40°C or 60% at 25°C for a period of atleast three months doesnt change to crystalline form and a process for the preparation of the amorphous form of dasatinib of Formula (I).

No. of Pages: 41 No. of Claims: 13

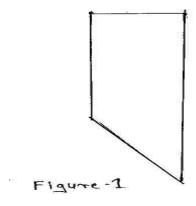
(22) Date of filing of Application: 13/05/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: WATER FIN TECHNOLOGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B64C35/00, B63B1/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PATIL KULDEEP P. Address of Applicant: 305, SAUGAAT CHS, PLOT-17, SECTOR-11, MATHERAN ROAD, NEW PANVEL 410206 Maharashtra India (72)Name of Inventor: 1)PATIL KULDEEP P.
Filing Date		
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

National Transportation Safety Board (NTSB) of the United States government defines ditching in its aviation accident coding manual as a planned event in which a flight crew knowingly makes a controlled emergency landing in water. (Excludes float plane landings in normal water landing areas.) .Although extremely uncommon in commercial passenger travel, small aircraft ditching are common occurrences, According to the JVational Transportation Safety Board, there are about a dozen ditching per year. It is very unfortunate thing that this scope is still neglected though it is a matter of safety. Till the date vast number of people has given up their life due to fruitless ditching of the aircrafts. This invention provides some modification plans to existing aircraft structure, so that the aircraft can ditch to sea in emergency condition. This system doesnt require expensive modification, which is its greatest advantage. Ditching is considered as last option in emergency condition. Water fins helps aircraft to ditch into sea by; reducing water resistance to minimum. During study of ditching it is found that daily thousand of Aircrafts flies over sea, still we didnt take any initiative for its safety over sea. We can make aircrafts safer, by adding such system to it.



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

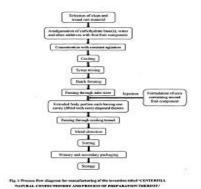
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: CENTERFILL NATURAL CONFECTIONERY AND PROCESS OF PREPARATION THEREOF.

(51) International classification	:A23G 1/54, A23G3/00, A23G3/54	(71)Name of Applicant: 1)A.D. PATEL INSTITUTE OF TECHNOLOGY Address of Applicant: P.B. NO. 52, B/H 4TH PHASE GIDC, NEW VALLABH VIDYANAGAR. DISTRICT: ANAND-
(31) Priority Document No	:NA	388001. GUJARAT, INDIA. Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SHRIYAN PALLAVI SHAILESH
(86) International Application No	:NA	2)PATEL JENITH JASHUBAHI
Filing Date	:NA	3)JAIN RAJEEV 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:

Nutrition is the core pillar for human development. Persistently, high levels of under nutrition has triggered the need to revolutionize the archaic sweetmeat into a nourishing confectionery. Indias hot and humid climate poses a challenge for milk and chocolate based sweets. Hence the objective is to develop a bio-nutritive sugar based center-fill chewy/non chewy confectionery by the inventors. This invention illustrates the process technology of a confectionery by using ingredients rich in carbohydrates, protein and fat as well as other herbs which would serve to be a suitable carrier to combat malnutrition. Additionally, it contains micro-nutrients in adequate amounts which would contribute to meeting the Recommended Dietary Allowance (RDA) as evening snacks of an individual The method comprises of enrobing the nutritive bio-ingredients, which forms the core, by an impervious sugar confectionery mass, in the shape of a bar. This process of enrobing the solid, semi-solid or viscous core would be done in various proportions and the most suitable and widely acceptable ratio is chosen. The coating would also be incorporated with a fruit pulp or pomace which would enhance the taste and improve the consumer acceptability of the confectionery as a whole.



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

(21) Application No.128/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR PREPARING HIGH PURITY AND STABLE RIVASTIGMINE

	:A61K31/27,	(71)Name of Applicant :
(51) International classification	A61K9/70,	1)ZYDUS TECHNOLOGIES LIMITED
	A61P25/28	Address of Applicant :PLOT NO. 1/B, PHARMEZ SPECIAL
(31) Priority Document No	:NA	ECONOMIC ZONE, SARKHEJ-BAVLA HIGHWAY (N.H.NO.
(32) Priority Date	:NA	8A), VILLAGE: MATODA, TAL. SANAND, DIST.
(33) Name of priority country	:NA	AHMEDABAD - 382 213, GUJARAT, INDIA. Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAPRE ABHAY SADASHIV
(87) International Publication No	: NA	2)DEWANGAN ASHOK
(61) Patent of Addition to Application Number	:NA	3)SOLANKI AMIT KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a stable transdermal pharmaceutical drug delivery system of rivastigmine or a pharmaceutically acceptable salt thereof, which is free from an antioxidant. In particularly, the present invention relates to a stable transdermal pharmaceutical drug delivery system of rivastigmine or a pharmaceutically acceptable salt thereof, which provides an enhanced absorption of drug through skin, and remains stable during a longer storage period. In addition, the present invention relates to a method of treatment of mild to moderate dementia of alzheimerTMs type and mild to moderate dementia of parkinsonTMs type diseases.

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

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

(43) Publication Date: 30/10/2015

(54) Title of the invention: WINDING DEVICE WITH A LOCKING MEANS FOR THE CREEL

(51) International classification	:B65H 54/28, B65H 18/00	(71)Name of Applicant: 1)OERLIKON TEXTILE GMBH & CO. KG
(31) Priority Document No	:102012010458.8	Address of Applicant :LEVERKUSER STRASSE 65, D-
(32) Priority Date	:26/05/2012	42897 REMSCHEID, GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)MARX, ALEXANDER
Filing Date	:NA	
(87) 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 winding device, in which a locking means is formed by a movable spacer and a clamping mechanism cooperating with the spacer. When the tube is missing, the creel is held, owing to a drop bolt, automatically and independently of the tube format used, by means of a locking plate at a spacing from the drive roller, without adjustments having to be carried out on the creel of the machine.

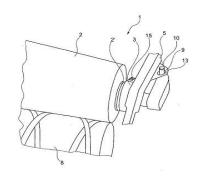


Fig. 2

No. of Pages: 14 No. of Claims: 11

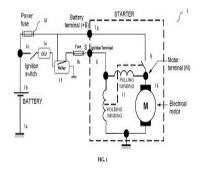
(22) Date of filing of Application :10/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A SYSTEM FOR STARTING AN ENGINE OF A VEHICLE AND A METHOD THEREOF

(51) International electification	:F02N11/08,	(71)Name of Applicant:
(51) International classification	F02D29/00	1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(32) Priority Date	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SATHISHKUMAR PARSUVANATHAN
(87) International Publication No	: NA	2)GAVARRAJU SRINIVASA RAJU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a system for starting an engine of a vehicle. The system comprises a wireless receiver for receiving a start request by control unit. A gear lever sensor interfaced with the control unit for detecting gear lever in neutral condition to generate a first signal. A handbrake lever position sensor interfaced with the control unit for detecting handbrake in engage condition to generate a second signal. A bonnet position sensor interfaced with the control unit for detecting closed condition of the bonnet to generate a third signal. The system further comprises a switch interfaced with the control unit and a starter solenoid, wherein the switch activates the starter solenoid for starting the engine after the first signal, second signal and third signal are generated.



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

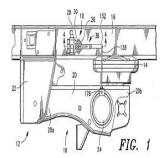
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AIR SUSPENSION HEIGHT CONTROL VALVE WITH DUAL RIDE HEIGHT POSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16K11/085, B60G17/052 :13/833,194 :15/03/2013 :U.S.A. :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)HALDEX BRAKE PRODUCTS CORPORATION Address of Applicant:10930 North Pomona Avenue, Kansas City, Missouri 64153, U.S.A. U.S.A. (72)Name of Inventor: 1)KOELZER, ROBERT L.
---	---	---

(57) Abstract:

A height control valve assembly having a housing with an air supply port, first and second ports, and an exhaust port. A valve positioned in the housing has a first surface in fluid communication with the air supply port and a second surface. The valve moves between first and second positions, in which the second surface sealingly engages a portion of the housing surrounding the first and second ports, respectively, to prevent fluid from flowing between the air supply port and the first and second ports, respectively. The valve is moveable from either of the first and second positions to a fill position, in which the air supply port is in fluid communication with one of the first and second ports, and an exhaust position, in which one of the first and second ports is in fluid communication with the exhaust port.



No. of Pages: 51 No. of Claims: 14

(22) Date of filing of Application :27/02/2014

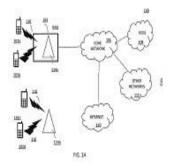
(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PROVISIONING SERVICE CONTINUITY IN A WIRELESS NETWORK.

(51) International classification	:B23B13/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RELIANCE JIO INFOCOMM LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-
(33) Name of priority country	:NA	IV, 222, MARIMAN POINT, MUMBAI - 400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SATISH NANJUNDA SWAMY JAMADGNI
(61) Patent of Addition to Application Number	:NA	2)SARVESHA ANEGUNDI GANAPATHI
Filing Date	:NA	3)PRADEEP KRISHNAMURTHY HIRISAVE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for transferring a user equipment (UE) (102) from a first wireless network (310) to a second wireless network (320) is provided. In one embodiment, the transfer comprises determining whether the second wireless network (320) is accessible based on one-to-one mappings between the network cells of the first wireless network and the second wireless network in a fingerprint-mapping database (206). If the second wireless network (320) is accessible, the UE (102) can connect to the second wireless network (320) but if the second wireless network (320) is inaccessible, the fingerprint-mapping database (206) is updated with a new mapping between a newly identified network cell of the second wireless network (320) and previously identified cell of the first wireless network (310).



No. of Pages: 51 No. of Claims: 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.823/MUM/2014 A

(19) INDIA

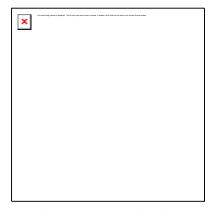
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ANTI-SNAKE GAITERS

(51) International classification	:A41D 17/00.	(71)Name of Applicant : 1)MR. GLENN FERNANDES
(31) International classification	A41D13/05	
(31) Priority Document No	:NA	BRAHMIN SOCIETY, NAUPADA, THANE 400 602
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GLENN FERNANDES
Filing Date	:NA	2)DR. SARITA PARIKH
(87) 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:

Anti-snake Gaiters for preventing the skin of the leg from penetration by sharp objects such as stones, thorns, snake fangs and scorpion stingers. The anti-snake gaiters comprise inexpensive composite panels made of material stiffened with an inexpensive binder, which makes them impenetrable to sharp objects. Despite being stiff, the anti-snake gaiters are made comfortable to use, by allowing flexibility of movement, either by providing hinges of fabric and/or fiber between the stiffened panels, or by corrugating the said composite. The gaiters are fastened by means of adjustable straps, at at least two locations, at the foot and the calf. Embodiments of the invention also include means to strap the gaiters to the footwear of the user.



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

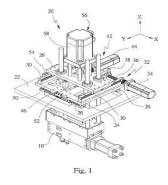
(22) Date of filing of Application :18/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: MOVING MECHANISM FOR BATTERY PROCESSING 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 	H01M10/04 :102222507 :29/11/2013 :Argentina :NA :NA	
(87) 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 moving mechanism for a battery processing apparatus includes a base; a first displacement seat movably mounted on the base; a second displacement seat movably mounted on the first displacement seat; a first driving mechanism connected to the first displacement seat and providing power to drive the first displacement seat to move; a second driving mechanism connected to the second displacement seat and providing power to drive the second displacement seat to move; a third driving mechanism, which is mounted on the second displacement seat, has one end connected to the processing apparatus, and provides power to drive the processing apparatus to move. Thus, the processing apparatus can work in conjunction with the first, second and third driving mechanisms to generate three displacements in different directions, so that the processing apparatus has the effects of simple operation and precise positioning, and the overall spatial availability can be optimized.



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

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HIGHLY POROUS DOSAGE FORMS.

(51) International classification	31/00, A61K 45/00,	, , , , , , , , , , , , , , , , , , , ,
(31) Priority Document No	:NA	400 019, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)PATRAVALE VANDANA BHARAT
(86) International Application No	:NA	2)ARSIWALA; AMMAR MAZHAR
Filing Date	:NA	3)GUGULOTHU; DALAPATHI BHEEMA
(87) International Publication No	: NA	4)PRABHU; RASHMI HARISHCHANDRA
(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 highly porous, amorphous, fast disintegrating/ dissolving compositions achieved by lyophilizing, comprising tamarind seed polysaccharide as the matrix forming agent along with other excipients to achieve a faster disintegration/dissolution. It further relates to a process of preparation process of aforesaid highly porous, amorphous, and rapidly disintegrating/dissolution composition.

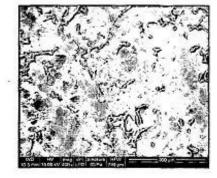


Figure)

No. of Pages: 45 No. of Claims: 41

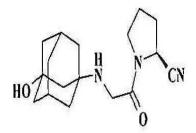
(22) Date of filing of Application :28/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: NOVEL ECONOMIC PROCESS FOR VILDAGLIPTIN

(51) International classification	:C07D207/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HIKAL LIMITED
(32) Priority Date	:NA	Address of Applicant :3A, INTERNATIONAL BIOTECH
(33) Name of priority country	:NA	PARK, HINJEWADI, PUNE 411 057, MAHARASHTRA,
(86) International Application No	:NA	INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SWAPNIL SURENDRA MOHILE
(61) Patent of Addition to Application Number	:NA	2)SANDEEP RAMESHRAO TAPKIR
Filing Date	:NA	3)MANOJ VINAYAK PATIL
(62) Divisional to Application Number	:NA	4)ASHOK KUMAR GANGOPADHYAY
Filing Date	:NA	5)PETER DAVID NIGHTINGALE

(57) Abstract:

The present invention relates to a commercially viable novel process for manufacturing Vildagliptin in high yield with high chemical and chiral purity.



Vildagliptin (Formula I)

No. of Pages: 37 No. of Claims: 24

(22) Date of filing of Application :06/03/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention: ENTITY RESOLUTION FROM DOCUMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	G06F 17/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India (72)Name of Inventor: 1)AGARWAL, Puneet 2)SHROFF, Gautam 3)MALHOTRA, Pankaj
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to entity resolution, and in particular, relates to providing an entity resolution from documents. The method comprises obtaining a plurality of documents corresponding to a plurality of entities, from at least one data source. Upon receiving the plurality of documents, the plurality of documents is blocked into at least one bucket based on textual similarity. Further, a graph including a plurality of record vertices and at least one bucket vertex is created. The plurality of record vertices and the at least one bucket vertex are indicative of the plurality of documents and the at least one bucket, respectively. Subsequently, a notification is provided to a user for selecting one of a Bucket-Centric Parallelization (BCP) technique and a Record-Centric Parallelization (RCP) technique for resolving entities from the plurality of documents. Based on the selection, a resolved entity-document for each entity is created.

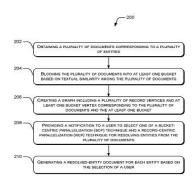


Fig. 2

No. of Pages: 37 No. of Claims: 15

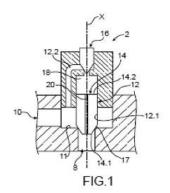
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE FOR CONTROLLING THE FLUID SUPPLY OF A 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	No 13 305 81.1 13/03/2013	(71)Name of Applicant: 1)BONTAZ CENTRE R & D Address of Applicant: Impasse des, Chanes, Z.I. des, Valignons 74460, MARNAZ, France France (72)Name of Inventor: 1)PEROTTO, Stphane Pascal 2)SALOMON, Cyrille Yves 3)TAUPEAU, Anthony Raymond Arthur
---	---------------------------------	---

(57) Abstract:

Device for controlling the supply of a system from a pressurised fluid source comprising an inlet (8), an outlet (10) of pressurised fluid, a main duct (11) connecting the inlet (8) and the outlet (10), and control means comprising: - a secondary duct (12) connecting the supply inlet (8) to the evacuation outlet (10), - a moving sealing element (14) interrupting the flow in the main duct (11), - a sealing device able to interrupt the flow in the secondary duct, - a pilot chamber (18) between the moving sealing element (14) and the sealing means, connected to the inlet (8). In a closed state of the sealing device, the moving sealing element (14) interrupts circulation of the fluid between the inlet (8) and the outlet (10), and, in an open state of the sealing device, the moving sealing element enables flow between the inlet (8) and the outlet (10).



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

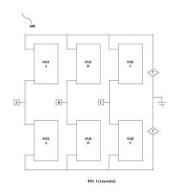
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A MODULAR MULTILEVEL CONVERTER (MMC) SUB-MODULE STRUCTURE FOR REDUCING SWITCHING LOSSES

TIO	OM (71) Norma of Amelicant
:H0: (51) International classification 7/00	(· - /- · · · · · · · · · · · · · · · ·
· /	2M3/10 Address of Applicant :Powai, Mumbai, Maharashtra, India
(31) Priority Document No :NA	Maharashtra India
(32) Priority Date :NA	(72)Name of Inventor:
(33) Name of priority country :NA	1)M. Prudhvi Mohan
(86) International Application No :NA	2)Anshuman Shukla
Filing Date :NA	
(87) International Publication No : NA	A
(61) Patent of Addition to Application Number :NA	L .
Filing Date :NA	L .
(62) Divisional to Application Number :NA	L
Filing Date :NA	\

(57) Abstract:

Disclosed herein is a sub-module structure for a two-terminal Modular Multilevel Converter (MMC). The two-terminal MMC comprises a plurality of series connected modular multilevel sub-modules. Each modular multilevel sub-module is configured such that capacitors are selectively placed in parallel to each other for all voltage levels. As a result, number of switching transitions between redundant states is reduced. Further, the sub-module structure can decreases overall current rating requirement of the devices in the MMC.



No. of Pages: 45 No. of Claims: 7

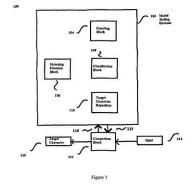
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM FOR OPTICAL CHARACTER RECOGNITION (OCR) USING INTELLIGENT TEMPLATE MATCHING.

(51) International classification	:G06K 9/00, G06F 19/00	(71)Name of Applicant: 1)JOSHI SWANAND ARVIND Address of Applicant:FLAT NO.5, ANUBANDH APARTMENTS, 43/18 NEELKAMAL SOCIETY, NEAR
(31) Priority Document No	:NA	UNITED WESTERN HALL, KARVENAGAR, PUNE-411 052,
(32) Priority Date	:NA	MAHARASHTRA, INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JOSHI SWANAND ARVIND
Filing Date	:NA	
(87) 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:

Template matching techniques are one of the simplest and oldest techniques in optical character recognition. The claimed invention uses template matching for character recognition. The invention does not require an entire input template to be matched but only the critical part of the input template. The invention does not require any mathematical formulae for selection of the template as well as for the actual comparison of templates. For any N x N size template a standard template matching needs N2 comparisons but the claimed invention requires (3n/2) comparisons at the maximum. The claimed system comprises of a counting block which determine the count of the input template which is nothing but a matrix with binary values. The system further includes classification block which classifies the given input. A target character repository provides a sequence of matching functions to select and recognize the correct character. The matching function block consists of all the matching functions that require simple binary comparison and by doing so avoid complicated mathematical computations. The performance of the preferred embodiment of the invention is measured by the number of comparisons required for each character input template for accurate selection and final recognition.



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

(22) Date of filing of Application :05/07/2013

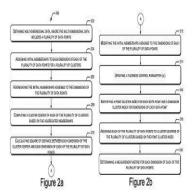
(43) Publication Date: 30/10/2015

(54) Title of the invention: MULTI-DIMENSIONAL DATA CLUSTERING

(51) International classification (31) Priority Document No	:NA	Point, Mumbai, Maharashtra 400021 Maharashtra India (72)Name of Inventor:
(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :NA	1)DAS, Diptesh 2)SINHA, Aniruddha 3)CHAKRAVARTY, Kingshuk
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	4)KONAR, Amit
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method for clustering multi-dimensional data comprises obtaining multidimensional data comprising a plurality of data points, each data point having multiple dimensions. Initial memberships are assigned to each dimension, for a plurality of clusters, and one of the initial memberships and modified memberships assigned to the dimensions of each data point is aggregated and induced by a fuzziness control parameter. Based on the aggregation, a cluster center of each cluster is computed, and square of distance between each dimension of the cluster center and each dimension is calculated. Based on the calculation, one of the initial memberships and the modified memberships, assigned to the plurality of dimensions of each data point, is modified, and the fuzziness control parameter is updated. A goodness measurement metric indicative of significance of the each dimension is determined for each dimension based on comparison of a point cluster index and a dimension cluster index.



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

(22) Date of filing of Application: 17/12/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention : PHARMACEUTICAL MICROEMULSION IMMOBILIZED IN A THIN POLYMER MATRIX AND METHODS OF MAKING THEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/4515, A61K9/113 :NA :NA :NA :NA	(71)Name of Applicant: 1)ZIM LABORATORIES LIMITED Address of Applicant: B-21/22, MIDC AREA, KALMESHWAR - 441 501, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)SARKAL BRAKASH
Filing Date (87) International Publication No	: NA	1)SAPKAL, PRAKASH 2)SAPKAL, NIDHI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)POKHARKAR, VARSHA 4)DAUD, LUBNA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention comprises a ready to use film dosage form comprising microemulsion of an Active Pharmaceutical Ingredient embedded or immobilized in a thin polymeric matrix as a double microemulsion and a process of making the same. The microemulsion in the film dosage form of this invention is capable of being absorbed through mucosal route. The process of making the film dosage of tjis invention comprises steps of forming a film forming dispersion containing film forming polymers, excipients and microemulsion of active pharmaceutical ingredient, casting the same in the form of a film and drying the cast of the film being carried out by means of drying conditions that suit to retain stability of the active pharmaceutical ingredient being selected such that drying of the film is achieved retaining the moisture trapped in the microemulsion embedded in the polymeric film.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1740/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: NOVEL ANTI-FUNGAL COMPOSITION

	:A61K	(71)Name of Applicant:
(51) International classification	36/00,	1)MOMIN MUNIRA MAHMADALI
(31) International classification	A61K	Address of Applicant :ORIENTAL COLLEGE OF
	31/00	PHARMACY, PLOT NO. 3,4,5, SECTOR 2, SANPADA, NAVI
(31) Priority Document No	:NA	MUMBAI - 400705. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MOMIN MUNIRA MAHMADALI
(86) International Application No	:NA	2)BUTTE KISHOR DASHARATH
Filing Date	:NA	3)KULKARNI VISHAKHA SUMANT
(87) International Publication No	: NA	4)KURHADE SUVARNA TUKARAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

(57) Abstract:

Disclosed herein is a topical synergistic antifungal composition comprising Nigella sativa oil incorporated as one of the components of the ethosome along with clotrimazole, for effective treatment of pathogenic fungal infections occurring in humans.

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

(22) Date of filing of Application :20/12/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: WATER ABSORBENT POLYMERS AND A PROCESS FOR THEIR PREPARATION

	:C08K3/34,	(71)Name of Applicant :
(51) International classification	C08K3/36,	1)RELIANCE INDUSTRIES LIMITED
	C08F20/06	Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV
(31) Priority Document No	:NA	222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA,
(32) Priority Date	:NA	INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SUBRAMANYAM ELANGO
Filing Date	:NA	2)CHOUDHARY MANJEET SINGH
(87) International Publication No	: NA	3)JASRA RAKSH VIR
(61) Patent of Addition to Application Number	:NA	4)PAREKH ASHISHKUMAR INDRAVADAN
Filing Date	:NA	5)GANESHPURE PRALHAD AMBADAS
(62) Divisional to Application Number	:NA	6)GARIMELLA PADMAVATHI
Filing Date	:NA	7)VORA JAYESH PRAFULLACHANDRA

(57) Abstract:

Water absorbent polymers and a process of their preparation are disclosed in the present disclosure wherein water absorbent polymer slurry comprising relatively high amounts of polymer particles (in the range of 40 to 55wt% of the total mass of the slurry) having water absorbed therein is prepared and directly spray dried.



(A)



(B) FIGURE I

No. of Pages: 24 No. of Claims: 13

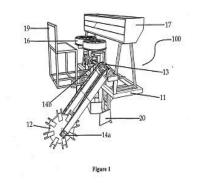
(22) Date of filing of Application :04/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: RHIZOMES' SOWING MACHINE.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A01C 7/00 :NA :NA :NA	(71)Name of Applicant: 1)KHAS INDRAJIT BALVIRSINGH Address of Applicant: GURUNANAK ENGINEERING WORKS, A/P SOYGAON, TAL: SOYGAON DIST: AURANGABAD, PIN: 431120, INDIA Maharashtra India
(86) International Application No Filing Date	:NA :NA :NA : NA	(72)Name of Inventor: 1)KHAS INDRAJIT BALVIRSINGH
(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:

A rhizomes sowing machine comprising: at least a chassis; at least a ground wheel configured to drive said machine and further configured to drive and synchronize said other parts of said machine; at least a container configured to contain rhizomes to be sown or planted; at least a metering wheel configured to separate out rhizomes into batches from said container so that said rhizomes are fairly distributed while being sown or planted; at least a dispensing pipe in communication with said metering wheel; at least a furrow opener; and at least a furrow closing tool.



No. of Pages: 22 No. of Claims: 14

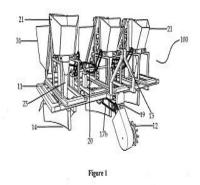
(22) Date of filing of Application :04/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PLANTING MACHINE FOR SUGARCANE BUDS AND TUBER CROPS.

(51) International classification	:A01C 5/00 :NA	(71)Name of Applicant: 1)VISHWAKARMA ROSHAN LAL Address of Applicant: VILL & PO. MEKH, TALUKA:
(31) Priority Document No (32) Priority Date	:NA	GOTEGAON DIST: NARASIMHPUR, MADHYA PRADESH -
(33) Name of priority country	:NA	487114, INDIA Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VISHWAKARMA ROSHAN LAL
(87) 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) 11	·	

(57) Abstract:

A planting machine for buds and tuber crops along with fertilizer, said machine comprising: at least a chassis; at least a driving wheel configured to drive said machine and further configured to drive and synchronize said other parts of said machine; at least a bud dispensing unit; at least a fertilizer dispensing unit; at least a furrow opener in order to open up said ground for planting or sowing said buds and said fertilizer at a pre-determined depth in said ground; and at least a furrow closing tool in order to close said ground after planting or sowing said buds and said fertilizer.



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

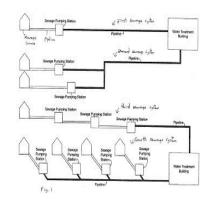
(22) Date of filing of Application :10/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PUMP CONTROL

(51) International classification	:F04B49/20, F04D15/02	(71)Name of Applicant: 1)CONTROL TECHNIQUES LTD
(31) Priority Document No	:1305054.7	Address of Applicant :The Gro, Pool Road, Newtown SY16
(32) Priority Date	:19/03/2013	3BE United Kingdom U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:NA	1)STREEFKERK Bastiaan Egbertus
Filing Date	:NA	2)ELING Michael
(87) 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 configuring a drive to control the operation of a pump in a sewage system is disclosed. The method comprises measuring at least one parameter of the sewage system; using the measurement of the at least on parameter to create an algorithm for the drive to control the operation of the pump; and configuring the drive to use the algorithm to control the operation of the pump.



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

(22) Date of filing of Application :07/03/2014

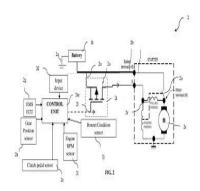
(43) Publication Date: 30/10/2015

(54) Title of the invention: A SYSTEM FOR STARTING AN ENGINE OF A VEHICLE AND A METHOD THEREOF

	:F02N	(71)Name of Applicant:
(51) International classification	11/00,	1)TATA MOTORS LIMITED
	F02D29/00	Address of Applicant :Bombay House, 24 Homi Mody Street,
(31) Priority Document No	:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SATHISHKUMAR PARSUVANATHAN
Filing Date	:NA	2)GAVARRAJU SRINIVASA RAJU
(87) 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 disclosure provides a system for starting an engine of a vehicle. The system comprises a touch screen input unit for generating a start request, and control unit interfaced with the touch screen input unit for receiving and executing the start request. A gear lever sensor interfaced with the control unit for detecting gear lever condition and clutch pedal sensor interfaced with control unit to detect the clutch pedal condition to generate a first signal. A bonnet position sensor interfaced with the control unit for detecting closed condition of the bonnet to generate a second signal. The system further comprises a switch interfaced with the control unit and a starter solenoid, wherein the switch activates the starter solenoid for starting the engine after the first signal, and second signal is generated.



No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :14/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF AGOMELATINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C233/18, C07C231/02 :NA :NA	(71)Name of Applicant: 1)MEHTA API PVT. LTD., Address of Applicant: 203, CENTRE POINT, J.B.NAGAR, ANDHERI (EAST),MUMBAI 400 059 Maharashtra India (72)Name of Inventor:
(86) International Application No	:NA	1)DR. RAO UWAIS AHMAD KHAN
Filing Date	:NA	2)MR. RAJESH HARSHNATH PATHAK
(87) International Publication No	: NA	3)MR. SHRIKRISHNA MOTIRAM APAR
(61) Patent of Addition to Application Number	:NA	4)MR. SANJAY RAMRAO GAIKWAD
Filing Date	:NA	5)MR. GOVIND UDHAVRAO LINGE
(62) Divisional to Application Number	:NA	6)MR. CHETAN VINESH PATIL
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved process for preparation of Agomelatine by using reagents suitable for industrial scale along with simpler unit process operation. Furthermore the present invention relates to an improved process for preparing Agomelatine substantially free of N, N-Bis-[2-(7-methoxy-napthalen-1-yl)-ethyl]-acetamide impurity thereby avoiding further purifications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.867/MUM/2014 A

(19) INDIA

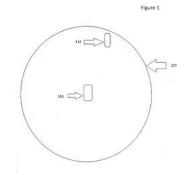
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ANTI THEFT SIREN

(51) I	:G08B	(71)Name of Applicant :
(51) International classification	13/00	1)SANJAY JIVANBHAI BATHAVAR
(31) Priority Document No	:NA	Address of Applicant :25/657, DR. AMBEDKAR COLONY,
(32) Priority Date	:NA	BHUDARPURA ROAD, ELLISBRIDGE, AMBAWADI,
(33) Name of priority country	:NA	AHMEDABAD-380 006, GUJARAT, INDIA. Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJAY JIVANBHAI BATHAVAR
(87) 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 this invention the user has the transmitter that transmits the signal continually and waits for the return pulse from transmitter of object. Now receiver part is attached with the object thing that user want to be under surveillance. This module will receive the transmitted signal of user and return the signal of acknowledgement. As soon as receiver of user side receives the signal it measures the distance from object as mentioned in description and if it found that distance is increased from some predefined value than it will start the siren in object side as well as in user side also. So the user will be alerted and this way lost of thing will be prevented.



No. of Pages: 12 No. of Claims: 6

(22) Date of filing of Application :06/03/2014

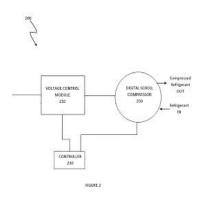
(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR REDUCING POWER CONSUMPTION OF A DIGITAL SCROLL COMPRESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F04C 28/00, F04C 18/00 Address of Applicant : Kasturi Buildings, Mohan T. Advani Chowk, Jamshetji Tata Road, Mumbai 400 020, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)Jeetendra M. Bhambure : NA : N
Filing Date (62) Divisional to Application Number	:NA :NA
Filing Date	:NA

(57) Abstract:

The present invention provides a method and system for reducing power consumption of a digital scroll compressor, wherein loading and unloading state of the digital scroll compressor is monitored and voltage to the digital scroll compressor is supplied depending upon the loading and unloading state of the digital scroll compressor.



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

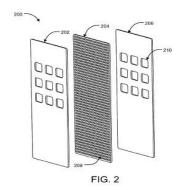
(22) Date of filing of Application :14/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: VENTING MEANS FOR A CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H01H71/02, H01H33/02 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Larsen & Toubro Limited Address of Applicant:LARSEN & TOUBRO LIMITED L&T House, Ballard Estate, P. O. Box: 278, Mumbai 400 001, India Maharashtra India (72)Name of Inventor: 1)KHATI, Pallavi D 2)DONGRE, Nilesh S
(33) Name of priority country	:NA	Maharashtra India
	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KHATI, Pallavi D
(87) International Publication No	: NA	2)DONGRE, Nilesh S
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electric switching device consists of a novel vent system where a metallic vent is sandwiched in between at least two insulating vents on either side. During the event of an abnormal electric condition, an electric arc is struck in a switching device, such as a circuit breaker. The metallic vent, forming an integral part of the vent assembly provides for an extremely efficient venting process by pulling the electric arc containing high pressure volatile gases consisting of particles of molten metal towards the vent, trapping the metallic parts in the arc gases and cooling these gases at a rapid rate. The vent also withstands the high pressure of the electric arc gases, allowing them to escape efficiently, thereby reducing the stresses on housing and increasing the safety margin.



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

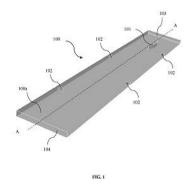
(22) Date of filing of Application :04/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A MULTIPHASE FLOW CHANNEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber-IV 222, Nariman Point Mumbai 400 021 Maharashtra, India Maharashtra India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)Veluswamy Ganesh K 2)Avinash Ramchandra Khopkar

(57) Abstract:

The present disclosure relates to an apparatus (100) for mixing multiphase flowing particles. The apparatus (100) comprises a conduit (100a) adapted to channelize the multiphase flowing particles. At least one flow diverter (101) is positioned in the conduit (100a), which is adapted to divert the flow of multiphase flowing particles into a plurality of flow streams. Further, at least one flow element (102) is disposed in the conduit (100a) along at least one of the plurality of flow streams, which is configured to inject fluid onto the plurality of flow streams at a velocity greater than the velocity of the plurality of flow streams. This induces a swirling flow of at least one of the plurality of flow streams, thereby facilitating mixing of the multiphase flowing particles in the conduit (100a).



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

(22) Date of filing of Application :23/12/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING NUMBER OF COMPUTING RESOURCES FOR EXECUTING A PLURALITY OF JOBS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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, G06Q10/06 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)VIJAYARANGAN, NATARAJAN 2)SOMASUNDARAM, MURALIDHARAN 3)PADMANABHAN, KISHORE
---	---	---

(57) Abstract:

Disclosed is a method and system for determining number of computing resources for executing a plurality of jobs. In accordance with the method and the system, plurality of jobs along with a plurality of variables associated to the plurality of jobs may be received. The plurality of variables comprises a mean processing time (μ), a standard deviation (σ), a service level agreement (α), and a confidence level (1- α). After the receipt of the plurality of variables, an inverse parameter (γ) may be determined using the mean processing time (μ), the standard deviation (σ), and the confidence level (1- α). Further, a queue length (κ) may be computed based upon the total processing time (T), the mean processing time (κ), the standard deviation (κ), and the inverse parameter (κ). Finally, the queue length (κ) and the number of jobs (κ) may be processed in order to determine the number of computing resources.

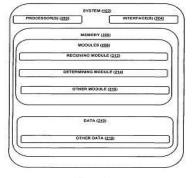


Figure 2

No. of Pages: 26 No. of Claims: 9

(22) Date of filing of Application :20/06/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention : A NOVEL PROCESS FOR THE SYNTHESIS OF TERT-BUTYL (3R,5S)-6-OXO-3,5-DIHYDROXY-3,5-O-ISOPROPYLIDENE HEXANOATE

(51) International classification :C07D319/0 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)LUPIN LIMITED Address of Applicant:159 CST Road, Kalina, Santacruz (East), Mumbai-400 098, State of Maharashtra, India Maharashtra India (72)Name of Inventor: 1)ROY, Bhairabnath; 2)SINGH, Girij, Pal; 3)LATHI, Piyush, Suresh; 4)AGRAWAL, Manoj, Kunjabihari; 5)MITRA, Rangan; 6)TRIVEDI, Anurag; 7)PISE, Vijay, Sadashiv; 8)RUPANWAR, Manoj;
---	--

(57) Abstract:

The present invention provides a process of preparation of an intermediate useful for the preparation of statins more particularly the present invention relates to an eco-friendly and cost effective process for the preparation of tert-butyl (3R,5S)-6-oxo-3,5-dihydroxy-3,5-0-isopropylidene-hexanoate [I].

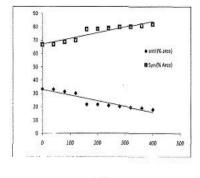


Figure I

No. of Pages: 61 No. of Claims: 34

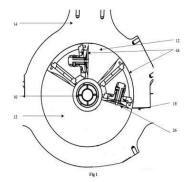
(22) Date of filing of Application: 18/10/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention : A SYSTEM OF PACKAGING OF FLUID EXCHANGE ACCESSORIES AND ENERGY EXCHANGE ACCESSORIES IN A FLUID HANDLING MACHINE

(51) International alassification	·E01C1/062	(71) Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Kamath, Das Ajee
(32) Priority Date	:NA	Address of Applicant :Bungalow No. 48, Tata Motors Senior
(33) Name of priority country	:NA	Officers Colony, Pimpri, Pune - 411018, India. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Kamath, Das Ajee
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system of placement and packaging of a fluid exchange accessories and an energy exchange accessories in a fluid handling machine with a rotor that forms the rotating or moving link of the kinematic chain of said fluid handling machine, and with a stator that forms the fixed link of said fluid handling machine, such that the stator encases the rotor and a first volume between said rotor and said stator are communicated with a second volume which is external to said first volume for exchange of fluids by means of said fluid exchange accessories and said energy exchange accessories are fitted at predetermined points on said fluid handling machine for energy to be added and removed from said first volume during operation of said fluid handling machine, wherein said fluid exchange accessories that include at least an intake port, at least an exhaust port, at least an intake valve, at least an exhaust valve and energy exchange accessories that includes, at least a fluid injecting device, at least a spark and energy addition device, at least an energy removal device, and at least a pressure relief valve, such that at least any one of said fluid exchange accessories and said energy exchange accessories are fitted on and are part of said rotor, with fluid and energy transmitted through pathways within the rotor. Fig. 1 is the representative figure.



No. of Pages: 19 No. of Claims: 10

(22) Date of filing of Application :11/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR CONTROLLING A SPEED OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60W30/14, G05D 1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Tata Consultancy Services Limited Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)CHAKRAVARTY, Tapas 2)CHOWDHURY, Arijit 3)PURUSHOTHAMAN, Balamuralidhar
---	---	---

(57) Abstract:

Disclosed is a method and system for controlling a speed of a vehicle. Acceleration data comprising acceleration samples of the vehicle on a segment of the road is captured. Jerk energy values associated with the vehicle on the segment is computed based upon the acceleration samples. Median jerk energy of the vehicle on the segment may be determined based upon the jerk energy values. Predictive median jerk energy of the vehicle on the segment is computed using a statistical equation. A score associated with the segment is calculated based upon the median jerk energy, the predictive median jerk energy, and a standard deviation (s). The segment is classified into one of a first set of categories and a second set of categories based upon the score. A feedback signal indicative of controlling the speed of the vehicle is transmitted to a controller based upon the classification.

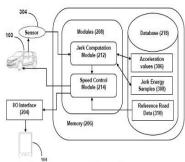


Figure 3

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

(22) Date of filing of Application :27/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: EDIBLE FAT BLENDS AND PROCESSES FOR PREPARING THE SAME.

(51) International classification	:A23D7/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KAMANI OIL INDUSTRIES PVT LTD
(32) Priority Date	:NA	Address of Applicant :CHANDIVALI ESTATE, SAKI
(33) Name of priority country	:NA	VIHAR ROAD, MUMBAI - 400 072, MAHARASHTRA,
(86) International Application No	:NA	INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KRISHNADEV DEVNARAYAN YADAV
(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 fat blends including Hydrogenated fat and hydrogenated stearine and processes for preparing the same.

Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.825/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A MOLECULAR COMPLEX OF EPIGALLOCATECHIN-3-GALLATE AND PROCESS FOR PRODUCTION THEREOF.

	·C07F	(71)Name of Applicant:
(51) International classification	1/02	1)TATA CHEMICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :BOMBAY HOUSE, 24 HOMI MODI
(32) Priority Date	:NA	STREET, MUMBAI- 400001 Maharashtra India
(33) Name of priority country	:NA	2)TATA GLOBAL BEVERAGES LIMITED
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR ANIL
(87) International Publication No	: NA	2)ROY, SAIKAT
(61) Patent of Addition to Application Number	:NA	3)DAVID, JOSE
Filing Date	:NA	4)MESHIYA, BHARGAV
(62) Divisional to Application Number	:NA	5)BARHALIKAR, RAVINDRA
Filing Date	:NA	6)DATTA, SILPI

(57) Abstract:

A molecular complex of Epigallocatechin-3-gallate is disclosed. The molecular complex comprises Epigallocatechin-3-gallate and a molecular complex former selected from Trehalose, Sucralose, Glutamic Acid, Glutamine, Glycine, Lipoic Acid, Carnosine, Maltose, Maltitol, Fructo-oligosaccharides and mixture thereof.

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

(22) Date of filing of Application :26/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A PROCESS TO EASE THE TRANSPORTATION OF HIGH ACTIVE CONTENT SURFACTANT PASTES

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	19/08 :NA :NA :NA	(71)Name of Applicant: 1)GODREJ INDUSTRIES LIMITED Address of Applicant:PIROJSHANANAGAR, EASTERN EXPRESS HIGHWAY, VIKROLI (EAST), MUMBAI - 400079, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)DORDI JIMMY 2)TEKALE, DEVENDRA 3)PRAJAPATI, RAMPRAKASH
--	----------------------------	---

(57) Abstract:

The present invention provides a process to ease the bulk transportation of high active content surfactant pastes by reducing the congealing temperature of these pastes. This ease in transportation will avoid the dependency on the specially equipped transportation facilities.

No. of Pages: 12 No. of Claims: 7

(22) Date of filing of Application :01/11/2013

(43) Publication Date: 30/10/2015

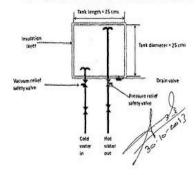
(54) Title of the invention : DESIGN OF A DOMESTIC STORAGE WATER HEATER WITH AN ELECTRIC INDUCTION HEATING SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H05B6/02, H05B3/06 :NA :NA :NA	(71)Name of Applicant: 1)BHAT AMOL R. Address of Applicant:FLAT NO. T-1, A-WING, 3RD FLOOR, CENTRAL MANSION CO-OPERATIVE HOUSING SOCIETY, NEAR STATE BANK OF INDIA, PONDA, GOA,
(86) International Application No	:NA	INDIA, 403401 Goa India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)BHAT AMOL R.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention claims an electric induction water heater which is equipped with an array of electrical energy input control circuit, a ferromagnetic metal heat conducting tank with insulating layer, induction coil and fuzzy logic electronic control system. The electric induction water heater will replace the existing domestic water heating systems in India, The electric induction water heater has the advantages that, electric leakage is avoided, heat loss is reduced, and the water heater has high energy efficiency and is safe. The technology if adopted throughout India can save huge amount of electricity.

Fig-1 Single Cylindrical Storage tank (capacity upto 15 ltr)



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

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HERBAL LAXATIVE FORMULATION AND PROCESS OF PREPARATION THEREOF.

(51) International classification	:A61K 36/00, A61K 9/00	(71)Name of Applicant: 1)DR. ASHWIN PORWAL Address of Applicant: HEALING HANDS CLINIC MANGALMURTI COMPLEX, 105, FIRST FLOOR, NEAR
(31) Priority Document No	:NA	HIRABAUG, TILAK ROAD, PUNE - 411 002, MS, INDIA.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DR. ASHWIN PORWAL
Filing Date	:NA	
(87) 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 laxative formulation and process of preparation thereof. The laxative formulation comprises Hirada Phal (Terminallia Cheebula Fruit) 8-12 g, Behada phal (Terminalia Belerica Fruit) 8-12 g, Amla phal (Emblica officinalis Fruit) 8-12 g, Isabgol (Plantago oveta) 8-12 g, Baalhirada (Terminalia Belerica Fruit) 6-8 g; Sonamukhi (Cassia senna Leaves) 8-12 g; Mulethi (Glycyrhiza glabra Bark) 7-9 g, Ajwain (Ptychotis Ajowan Seed) 7-8 g; Badishep (Feniculum bulgeri Fruit) 5-7 g; Elaichi (Shelser cardamomumFruit) 7-9g; Narikel lavan (Cocosnusifera Fruit) 8-12 g; and any one of cow ghee and Castor oil 1-3 g.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :07/03/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : GAS TURBINE COMPRESSOR WATER WASH CONTROL OF DRAIN WATER PURGE AND SENSING OF RINSE AND WASH COMPLETION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16K21/00, F16K11/00 :11/869,404 :09/10/2007 :U.S.A. :NA :NA : NA	(71)Name of Applicant: 1)GAS TURBINE EFFICIENCY SWEDEN AB Address of Applicant: Datavagen 9A, 175 27 Jarfalla, Sweden. Sweden (72)Name of Inventor: 1)Rodney W. Kohler 2)Thomas Wagner
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:2141/MUM/2008 :06/10/2008	
		•

(57) Abstract:

A purge drain valve including a spool spliced in a fluid line includes a control valve and an actuator coupled to the control valve for regulating fluid flow. During a washing operation, fluid flows between a supply end and a delivery end of the spool, and during a purging operation, the control valve diverts fluid entering the supply end from the delivery end towards a drain leg. A washing system includes a fluid supply coupled to an input of a wash delivery system and a delivery line coupled to an output of the wash delivery system. The purge drain may be spliced into the delivery line to permit fluid to reach a wash apparatus during a washing operation and to prevent fluid from reaching the wash apparatus during a purging operation. A rinse cycle sensor apparatus may be employed to indicate to an operator if a washing operation is complete based upon a conductivity of fluid exiting from a device being washed.

PURGE DRAIN VALVE

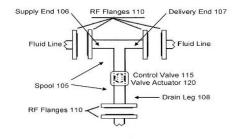


FIG. 1a

No. of Pages: 22 No. of Claims: 21

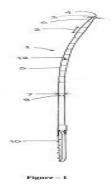
(22) Date of filing of Application :27/02/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN IMPROVED UTERINE SOUNDING DEVICE

(51) International classification	·A61B5/107	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/s. PREGNA INTERNATIONAL LIMITED
(32) Priority Date	:NA	Address of Applicant :13, Suryoday Estate,136 Tardeo
(33) Name of priority country	:NA	Road, Mumbai, Maharashtra, INDIA Maharashtra India
(86) International Application No	:NA	2)M/s. TICKET DESIGN PVT. LTD
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Ms.Nishma Pandit
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An improved sounding device for measuring the depth of uterine cavity. The device is with curvature and flexes substantially over large periphery according to the difference in uterine orientation of different women. The device is optionally provides with referencer for hygienic measurement of the uterine depth. The device is free from externally projecting parting line. The device is easily breakable after use so as to avoid unhygienic second or subsequent uses.



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

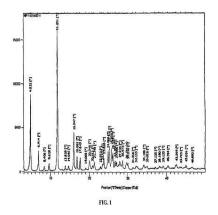
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR PREPARATION OF POLYMORPHIC FORM II OF FEBUXOSTAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61K31/426, C07D277/56 :NA :NA :NA	(71)Name of Applicant: 1)AJANTA PHARMA LTD Address of Applicant: AJANTA PHARMA LIMITED, 98, AJANTA HOUSE, CHARKOP, KANDIVLI WEST, MUMBAI 400 067, STATE OF MAHARASHTRA, INDIA. Maharashtra 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)SINGH SHAILESH 2)SUTHAR BHARAT 3)JAIN ASHISH 4)DHAMALE SOMNATH

(57) Abstract:

The present invention relates to a reliable and industrial applicable process for the preparation of crystalline Form II of 2-[3-Cyano-4-(2-methylpropoxy)phenyI]-4-methyl-5-thiazolecarboxyIic, commonly known as Febuxostat



No. of Pages: 12 No. of Claims: 6

(22) Date of filing of Application :05/03/2014

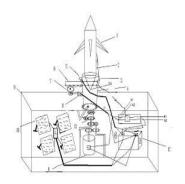
(43) Publication Date: 30/10/2015

(54) Title of the invention: DEVICE OPERATING ON WATER AS FUEL

(51) International classification	3/00, G01S 13/00	(71)Name of Applicant: 1)Jitendra Singh Choudhary Address of Applicant: C/o Chairman, Mahakal Institute of Technology & Management, Behind Airstrip, Devas Road, Ujjain
(31) Priority Document No	:NA	-456664 (Madhya Pradesh) India Madhya Pradesh India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Jitendra Singh Choudhary
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 relates to a device comprising a radar sensor wireless camera wherein said device operates on water as fuel. The device has a valve for entry of oxygen. Also, the device lower part is partially filled with water. Oxygen and water forms part of fuel system. The device has radar and sensor to sense when the device is required to be launched.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A MODIFIED DECK CELL-GUIDE SYSTEM FOR DECK STOWAGE OF 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 	B63B25/004 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PRERIT MISRA Address of Applicant:13-A, MAURYA, 2 NAYLOR RD., PUNE-411001, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: 1)PRERIT MISRA
(87) 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:

The present invention provides a modified deck cell guide system that comprises a plurality of modified deck cell guides positioned with a respective plurality of twist-locks in conjunction with a support structure. Each of the modified deck cell guides has a fore length and an aft length that facilitate a transverse support to an on deck container. Each of the modified deck cell guide has a predefined gap between a hatch coaming and a lower part thereof in order to facilitate sliding out and lifting of a hatch cover from beneath deck cell guides.



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

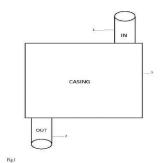
(22) Date of filing of Application :25/03/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: A RADIO WAVE POWER GENERATION UNIT

(51) International classification	17/00, F03B	(71)Name of Applicant: 1)Dr. Vasani Rupesh Parmanand Address of Applicant:07,aditraj bumglows,near nandanvan-5, B/h Kalatirth Apartment, Prernatirth Derasar Road, Jodhpur,
(31) Priority Document No	:NA	Ahmedabad-380015. Gujarat, India. Gujarat India
(32) Priority Date	:NA	2)Shah Parin Kamalkumar
(33) Name of priority country	:NA	3)Jain Anjil Anvin
(86) International Application No	:NA	4)Bhavsar Swapnil Chandrakant
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. Vasani Rupesh Parmanand
(61) Patent of Addition to Application Number	:NA	2)Shah Parin Kamalkumar
Filing Date	:NA	3)Jain Anjil Anvin
(62) Divisional to Application Number	:NA	4)Bhavsar Swapnil Chandrakant
Filing Date	:NA	_

(57) Abstract:

The present invention a radio wave passes through a specially design circuit gives radio wave energy and specially design circuit converts radio wave energy to electrical energy and the electrical energy store into battery and the battery is attached to device.



No. of Pages: 11 No. of Claims: 3

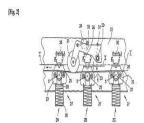
(22) Date of filing of Application :10/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: TEXTILE MACHINE WITH A LARGE NUMBER OF WORKSTATIONS

(51) International classification	:D01H13/00, D01H1/32	(71)Name of Applicant: 1)OERLIKON TEXTILE GMBH & CO. KG
(31) Priority Document No	:102012011613.6	Address of Applicant :LEVERKUSER STRASSE 65, D-
(32) Priority Date	:12/06/2012	42897 REMSCHEID, GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)HEINEN, GEORG
Filing Date	:NA	2)KOHLEN, KARL-HEINZ
(87) International Publication No	: NA	3)SCHNITZLER, JUERGEN
(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 textile machine with a large number of workstations, which in each case have a two-for-one twisting spindle, which can be driven by a tangential belt, and are equipped with a device, which ensures, in the event of a thread break, that the wharve of the two-for-one twisting spindle loses contact with the tangential belt and the two-for-one twisting spindle is decelerated to a standstill. According to the invention it is provided that arranged in the region of the two-for-one twisting spindles (5) are movably mounted belt pressure rollers (21), which are in each case applied to the tangential belt (20) by a compensation unit (24), the compensation unit (24) being permanently loaded such that the tangential belt (20) always has a substantially constant belt tension during the twisting operation, regardless of the respective operating positions of the two-for-one twisting spindles (5).



No. of Pages: 33 No. of Claims: 18

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR THE PREPARATION OF MOXIFLOXACIN

(51) International classification	:C07D401/0	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDOCO REMEDIES LIMITED
(32) Priority Date	:NA	Address of Applicant :Indoco House, 166 C. S. T. Road,
(33) Name of priority country	:NA	Santacruz (East), Mumbai 400 098, Maharashtra, India.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)P V Ramesan
(61) Patent of Addition to Application Number	:NA	2)NAIR, Ranjeet
Filing Date	:NA	3)SHRIGADI, Nilesh Balkrishna
(62) Divisional to Application Number	:NA	4)SHETH, Nilima
Filing Date	:NA	5)PANANDIKAR, Aditi Milind

⁽⁵⁷⁾ Abstract:

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

The present invention discloses an improved process for the preparation of moxifloxacin hydrochloride of formula I.

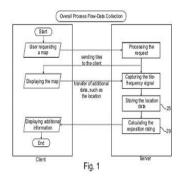
(22) Date of filing of Application :18/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: INFORMATION SYSTEM TO OBTAIN AN EXPOSITION RATING OF A GEOGRAPHICAL 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 	H04L12/16 :13 160234.4 :20/03/2013 :EPO :NA :NA :NA	(71)Name of Applicant: 1)VALUETAINMENT AG. Address of Applicant: Wigrtlistrasse 7, 8274 Tgerwilen, Switzerland Switzerland (72)Name of Inventor: 1)Dirk HAMM
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an information system to obtain an exposition rating of a certain geographical area, a computer-implemented method to obtain the exposition rating of a certain geographical area, and an electronic device for the display of information based on the exposition rating



No. of Pages: 33 No. of Claims: 9

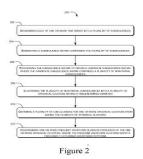
(22) Date of filing of Application :06/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: TIME SERIES ANALYTICS

(51) International classification	:G06K9/34	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai - 400021, Maharashtra Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AGARWAL, Puneet
(87) International Publication No	: NA	2)SHROFF, Gautam
(61) Patent of Addition to Application Number	:NA	3)GUPTA, Rishabh
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for identifying frequently occurring waveform patterns in time series comprises segmenting each of one or more time series into a plurality of subsequences. Further, a subsequence matrix comprising each of the plurality of subsequences is generated. Further, the subsequence matrix is processed to obtain a candidate subsequence matrix comprising a plurality of non-trivial subsequences. Further, the plurality of non-trivial subsequences is clustered into a plurality of spherical clusters of a predetermined diameter. Further, a plurality of sub-clusters for each of one or more spherical clusters is obtained based on a mean of each of the plurality of non-trivial subsequences present in the spherical cluster. Further, one or more frequent waveform clusters, depicting frequently occurring waveform patterns, are ascertained from amongst the one or more spherical clusters based on a number of non-trivial subsequences present in each of the plurality of sub-clusters of the spherical cluster.



No. of Pages: 29 No. of Claims: 18

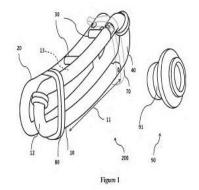
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A JEWELRY WITH CHANGEABLE AND ADDABLE MOBILE DECORATIVE ELEMENTS

(51) International classification	:A44C17/02, A44C13/00	(71)Name of Applicant: 1)M/s.Sunjewels International Pvt. Ltd
(31) Priority Document No	:NA	Address of Applicant :116 SDF-IV, SEEPZ, SEZ, Andheri
(32) Priority Date	:NA	East, Mumbai Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Mr. Shishir B. Nevatia
Filing Date	:NA	2)Mr. Ron Rosen
(87) 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:

The present invention relates to a jewelry (100) having decorative elements (90) in the jewelry (100) that are mobile and can be changed allowing the personalization of the jewelry (100). The plurality of decorative elements (90) is mounted and un-mounted into/from the main frame (10) through the lock system (40) provided at the main frame (10). The main frame (10) forms a track for the elements to oscillate freely. The lock system (40) allows the decorative elements (90) to be secured into the main frame (10). A secondary frame (20) provides firmness to jewelry (100). A flip-over safety lock (70) is provided to further secure the decorative elements (90) and at the same time to hide the mechanical arrangements.



No. of Pages: 35 No. of Claims: 16

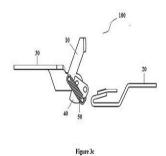
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTACT SYSTEM FOR MOLDED CASE CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01H 13/00,H01H1/20 :NA :NA :NA :NA :NA : NA :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001, INDIA Maharashtra India (72)Name of Inventor: 1)VARUN KUMAR D 2)BALAJI L
---	---	--

(57) Abstract:

Disclosed is a contact system (100) for a molded case circuit breaker. The contact system (100) comprises a moving contact (10), a fixed contact (20), a holder (30), a shaft (40) and a spring assembly (50). The moving contact (10) includes a spring (4) configured on a side thereof that ensures a seamless current flow between the holder (30) and the moving contact (10). The contact system (100) provides reliable and efficient flip action of the moving contact (10) that ensures holding of the moving contact (10) at open position after complete opening thereof until a circuit breaker mechanism operates.



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

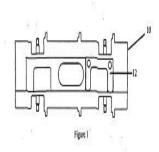
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: MOVING BRIDGE FOR A SWITCHING DEVICE/DISCONNECTOR.

(51) International classification	3/08	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400
(33) Name of priority country	:NA	001, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PALAK THUKRAL
(87) International Publication No	: NA	2)ANKITA MEHRA
(61) Patent of Addition to Application Number	:NA	3)NEERAJ SINHA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a moving bridge for a switching device/disconnector. The moving bridge is housed in a mechanism cassette. The mechanism cassette operates two switch-disconnectors and provides mechanical interlock therebetween. The mechanism cassette includes a pin member capable of hitting one side of a wall of the moving bridge wall in order to slide and complete a circuit. Characterized in that, the moving bridge includes reinforcement member mounted thereon thereby increasing impact strength of the moving bridge.



No. of Pages: 11 No. of Claims: 3

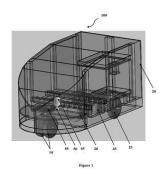
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUTOMATED GUIDED VEHICLE FOR LOAD TRANSPORTATION SYSTEM.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	2/02 :NA :NA	(71)Name of Applicant: 1)GODREJ & BOYCE MFG. CO. LTD. Address of Applicant:GODREJ & BOYCE MFG. CO. LTD. LAWKIM MOTORS GROUP, GATE NO. 431, SHINDEWADI, POST SHIPWALL DIST SATARA MAHARASHTRA INDIA
(33) Name of priority country (86) International Application No	:NA :NA	POST-SHIRWAL, DIST-SATARA, MAHARASHTRA, INDIA Maharashtra India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)VIJAY R. MANE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is an automated guided vehicle (100) for load transportation. The automated guided vehicle (100) comprises a frame (20), a driving unit (40), a power source, a programmable logic controller, a steering unit (60) and a path tracking mechanism (80). The path tracking mechanism (80) includes color sensors (70) and a safety sensor (75) for safe transport of the frame (20) on a painted guidance path to carry a load to a destination point. The automated guided vehicle (100) uses a mono track concept hence minimum space is required for the movement.



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

(21) Application No.766/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF SULFONAMIDE DERIVATIVES AND THEIR ANTITUBERCULOSIS ACTIVITY.

	(71)Name of Applicant :
311/00	1)DR. M. M. V. RAMANA
:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
:NA	UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
:NA	(EAST), MUMBAI-400 098, MAHARASHTRA, INDIA.
:NA	Maharashtra India
:NA	(72)Name of Inventor:
: NA	1)DR. M. M. V. RAMANA
:NA	2)DR. R. S. LOKHANDE
:NA	3)GADRE GAYATRI VIJAY
:NA	
:NA	
	311/00 :NA :NA :NA :NA :NA :NA :NA :NA

⁽⁵⁷⁾ Abstract:

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

The present invention relates to the synthesis of sulfonamide molecules showing anti-tuberculosis activity.

(22) Date of filing of Application :06/03/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF BENZOPHENONE DERIVATIVES AND THEIR ANTITUBERCULOSIS ACTIVITY.

	:C07C	(71)Name of Applicant:
(51) International classification	45/00,C07C	1)DR. M. M. V. RAMANA
	337/00	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 Number	:NA	3)GADRE GAYATRI VIJAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to the synthesis of benzophenone derivatives showing antituberculosis activity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/MUM/2014 A

(19) INDIA

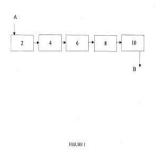
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: WASTE WATER DECONTAMINATION

		(71)Name of Applicant:
(51) International classification	B01D	1)ECOLAB INC.
	61/00	Address of Applicant :655, Lone Oak Drive, Mail Stop ESC-
(31) Priority Document No	:NA	F7, Eagan, Minnesota MN 55121, United States of America.
(32) Priority Date	:NA	U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BERA Tarun Kumar
Filing Date	:NA	2)SINGH Manish Kumar
(87) International Publication No	: NA	3)BHOLE Yogesh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a formulation and a process for the removal of inorganic impurities from waste water. The formulation consists of a blend of at least one alkali metal aluminate, at least one cationic organic coagulant and optionally at least one alkalinating agent in pre-determined proportions. The process for decontamination using the afore-stated formulation includes steps such as admixing, settling, microfiltration and optionally acidification, ultrafiltration and reverse osmosis. The disclosure further provides an apparatus for the removal of inorganic impurities from waste water.



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

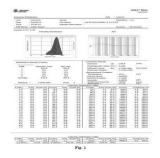
(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : NANOPARTICLES OF POLYMER AND LIPID MIXTURE CORE FOR TARGETED DRUG DELIVERY

aluka -
ashtra India

(57) Abstract:

The present invention relates to a targeted drug delivery system comprising nanoparticles having a core comprising one or more polymer(s) and one or more lipid(s), wherein the nanoparticles comprise a therapeutically effective amount of an anticancer or antiretroviral drug or its pharmaceutically acceptable salts, one or more biodegradable polymer(s), one or more lipid(s), and one or more of surfactant(s). The present invention also relates to a pharmaceutical composition comprising this delivery system and a process for the preparation of such composition thereof.



No. of Pages: 36 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.897/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : STABILIZED CHLORINE DIOXIDE COMPOSITION, METHOD TO PREPARE THE SAME AND MICROBICIDE FORMULATED THEREFROM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	C01B11/02 :NA	1)Anant Kishanrao Garaty Address of Applicant :A-J Avenue, Flat No. 703, S.
(32) Priority Date	:NA	No.5A/A/6/1, Karve Nagar, Pune - 411052, Maharashtra, India
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Anant Kishanrao Garaty
(87) 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 process for preparation and formulation of a stabilized chlorine dioxide-based microbicidal composition is disclosed herein, along with its application in disease management in crops.

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

(22) Date of filing of Application :28/02/2014

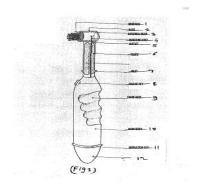
(43) Publication Date: 30/10/2015

(54) Title of the invention: POTENTIO-KINETICO OSCILLATING TOOTHBRUSH.

	·A46B5/00	(71)Name of Applicant:
(51) International classification	A46B	1)AMOL JALINDAR JADHAV
	13/00	Address of Applicant :AT- TAKALGAON, DIST - LATUR,
(31) Priority Document No	:NA	TAL -LATUR, POST-TANDULJA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)AMOL JALINDAR JADHAV
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 powered toothbrushes and more particularly, to a toothbrush with having a head with two distinct moving sections that each provides oral health benefits to the user. 1. A semi automatic toothbrush (100) comprising: a head (01) with bristles, internal rod (02) attached to the head, spring coils elongated to the internal rod, a main body attached to the internal rod at lower side attached with a small gear (03), a large gear (04); a power key located at on the main body at upper side; an openable lid for access located on the main body at middle; and an activation key (12) at lower side on the main body.; Wherein said small and large gears twisted the spring coils (10), so as to produced potential energy gets transferred as kinetic energy to the internal rod (02) to rotate the bristles of the head.



No. of Pages: 19 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.843/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: 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 	:A61K31/00, A61K9/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CIPLA LIMITED Address of Applicant: Mumbai Central, Mumbai 400 008, Maharashtra. India. Maharashtra India (72)Name of Inventor: 1)MALHOTRA, Geena 2)RAUT, Preeti
---	--	---

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising a non-nucleoside reverse transcriptase inhibitor (NNRTI), and more particularly, relates to a pharmaceutical composition comprising rilpivirine, a process for preparing such pharmaceutical composition, and its use in the treatment of HIV infections.

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

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: REMOTELY CONTROLLED CLAMPING APPARATUS

(51) International classification	61/00, B23D	(71)Name of Applicant: 1)DEERE & COMPANY Address of Applicant: ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)PATIL AMIT
(33) Name 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 present invention discloses a remotely controlled clamping apparatus (10) for angularly displacing a valve to enable controlled flow of a quantity of fluid, corresponding to at least one input signal The remotely controlled clamping apparatus (10) includes a clamp (12) and an actuating arrangement. The clamp (10) includes a fixed jaw (30) and a slidable jaw (32). The slidable jaw (32) is caused to slide towards and away from the fixed jaw (30) by using a displacement handle (36). The actuating arrangement enables displacement of the clamp (10).

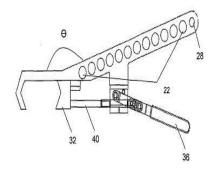


FIGURE 2

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

(22) Date of filing of Application :28/02/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : MULTI PROCESSOR COMPUTING APPARATUS WITH WIRELESS INTERCONNECT FOR COMMUNICATION AMONG ITS COMPONENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F1/16,G06F1/1613 :2809725 :11/03/2013 :Canada :NA :NA :NA	(71)Name of Applicant: 1)SURESHCHANDRA B. PATEL Address of Applicant:159 CAMPBELL AVE. TORONTO, ON, M6P 3V3, CANADA Canada (72)Name of Inventor: 1)SURESHCHANDRA B. PATEL
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A fan less Multiprocessor Computing Apparatus (MCA) is housed in a metallic Enclosure (ME) that acts as an heat sink and provides extended surface area for heat dissipation. The ME also acts as an electro-magnetic-Shield that provides immunity from Electro-Magnetic-Interference (EMI) from external stray magnetic fields to wireless communications among components of MCA. The Wireless Interconnect (WLI) can use whole range of radio and optical frequencies involving transceivers and antennas. Printed Circuit Boards of MCA are mounted on inside of metallic surfaces of ME of any required size and shape. MEs are filled with vacuum or clean air without any suspended particles for efficient and reliable communications. Electro-magnetically shielded and sealed MEs housing MCAs are made dust and water proof so that they can be placed under water in a sea or a river, particularly MCAs constituting large data/cloud centres.

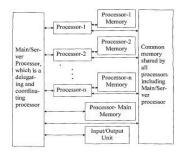


Fig. 1: Prior Art: Parallel computer Architecture/organization

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

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A FORMULATION FOR BLENDED SPICES EXTRACT CONTAINING NATURAL FLAVOR CONCENTRATES.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	A23L 1/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)VILAS PARASHARAM DESHPANDE Address of Applicant: 84/405, KALPAVRUKSHA, VASANT VIHAR, THANE (W)-400 610, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)VILAS PARASHARAM DESHPANDE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is about a blended spices extract of natural flavor concentrates in liquid formulation . where composition and concentration of spices are fixed. The spices used in composition are coriander (Dhane), dry coconut (Dry Khobre), unpolished sesame (Til) seeds, cumin (Jire), black cumin (Shahajire). clove (Lavang), black pepper (Kali Miri), white pepper (Safed Miri). cinnamon (Dalchini). large cardamom (Big Veldode). bay leaf (Tamalpatra); mace (Jaipatri), kalpasi (Dagadful). asafetida (Hira Hing), turmeric (Halkund). red chilli (Lai Mirchi). dried ginger (Sunth) and fenugreek seed (Methi Dane).

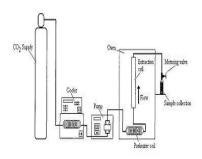


Figure 1. Schematic diagram of SFE apparatus

No. of Pages: 15 No. of Claims: 19

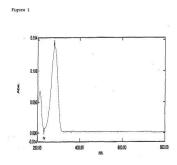
(22) Date of filing of Application: 18/03/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention : A QUANTITATIVE ASSAY FOR 4-PYRROLIDINOPYRIDINE (4-PPY) IN POLYSACCHARIDE-PROTEIN CONJUGATE VACCINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:G01N33/53, C12Q1/34 :NA :NA :NA :NA	(71)Name of Applicant: 1)SERUM INSTITUTE OF INDIA LTD. Address of Applicant: SERUM INSTITUTE OF INDIA LTD., 212/2, Off Soli Poonawalla Road, Hadapsar, Pune 411 028, Maharashtra, India Maharashtra India (72)Name of Inventor:
Filing Date	:NA	1)PATIL KUNDAN DHARMA
(87) International Publication No	: NA	2)GAIROLA SUNIL JAGDISHPRASAD
(61) Patent of Addition to Application Number	:NA	3)ASHTAGI SIDDHARAM CHANDRAKANT
Filing Date	:NA	4)AVALASKAR NIKHIL DATTATRAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rapid and reproducible Reversed Phase High Performance Liquid Chromatographic (RP-HPLC) based method for quantifying residual 4-pyrrolidinopyridine(4-PPY) in polysaccharide-protein conjugate vaccines prepared by cyanylation conjugation chemistry using l-Cyano-4- pyrrolidinopyridinium tetrafluorborate (CPPT). Said assay comprises of heating sample containing polysaccharide protein conjugate at a temperature between 60°C and 90°C for a duration between 2hrs and 3hrs followed by RP-HPLC. Further present method does not require any tedious sample preparation and none of the sample matrix interferes with the 4-PPY peak. Said method is applicable for quantification of 4-PPY in any polysaccharide-protein conjugate bulk or vaccine samples.



No. of Pages: 35 No. of Claims: 25

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

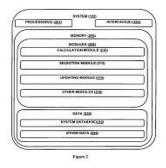
(43) Publication Date: 30/10/2015

(54) Title of the invention: SYSTEM AND METHOD FOR POPULATING QUESTIONS IN A QUESTION PAPER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No. 	G09B7/00 :NA :NA :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventory
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)SOMASUNDARAM, MURALIDHARAN
(87) International Publication No	: NA	1)SOMASONDARAM, MURALIDHARAM
(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 system and a method for populating questions in a question paper based on a pre-defined difficulty level of the questions is disclosed. The questions are selected from a question bank based on probability of candidates from different categories that the candidates are able to answer the questions correctly. Further, the questions are selected randomly such that various set of questions are presented to candidates depending on the number of candidates and categories. The probability of the candidates answering particular question is captured and in case the candidates answering the question are high from the results, such most correctly answered questions are not presented to the candidates during the next question paper.



No. of Pages: 23 No. of Claims: 12

(22) Date of filing of Application :03/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ENCAPSULATED METAL ION NANOCLUSTERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	A61K33/00 :13/833,279 :15/03/2013 :U.S.A. :NA :NA :NA	(71)Name of Applicant: 1)LG BIONANO LLC Address of Applicant: 3205 KAMMERER DRIVE, WILMINGTON, 19803, USA. U.S.A. (72)Name of Inventor: 1)Wu, Chien-Chin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A metal ion nanocluster having a formula of X(OH)aYbZcMd(H2O)e. X, Y, Z, M, a, b, c, d, and e are defined herein. The nanocluster has a particle size of 2 to 500 nm and a molecular weight of 3500 to 1000000 Dalton. Also disclosed are a composition containing the nanocluster and a method of preparing the nanocluster.

No. of Pages: 18 No. of Claims: 13

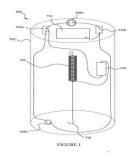
(22) Date of filing of Application :13/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: FUNCTIONAL LEVEL MONITORING DEVICE

	:A61M	(71)Name of Applicant :
(51) International classification	5/168,G01L	
	7/00	Address of Applicant :B-1905/06, VISHNU SHIVAM
(31) Priority Document No	:NA	TOWER, KANDIVALI (EAST), MUMBAI-400101, INDIA.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)HARENDRA JOSHI
Filing Date	:NA	
(87) 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 functional level monitoring device for monitoring and indicating the low level of a fluid in a drip connected to the functional level monitoring device is disclosed. The device includes a load measuring mechanism to measure load of the drip. A valve is coupled with the load measuring mechanism and gets actuated in response to the measured load for restricting the flow of the fluid from the drip. Further, the device includes an indicator unit which provides an indication corresponding to the measured load. The device further includes a battery to provide power to the valve and to the indicator unit. The power to the indicator unit is provided via a switch. The device further includes a communication module to facilitate remote monitoring of the fluid level. The device facilitates automatic monitoring of the fluid level, thereby reducing human efforts and possibilities of human errors.



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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: POLYESTER RESIN WITH INORGANIC TONER AND A PROCESS FOR ITS PREPARATION

		(71)Name of Applicant :
(51) International classification	:C08G63/85, C08G63/195	1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	IV, 222, NARIMAN POINT, MUMBAI-400 021,
(32) Priority Date	:NA	MAHARASHTRA, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AYODHYA SRINAVASACHARYA RAMACHARYA
Filing Date	:NA	2)KELKAR ANIL KRISHNA
(87) International Publication No	: NA	3)LIMAYE CHETAN VIJAY
(61) Patent of Addition to Application Number	:NA	4)N. KRISHNA RAO
Filing Date	:NA	5)SUDAN PUSHAP
(62) Divisional to Application Number	:NA	6)SHIVAMURTHY PADADAYYA JADIMATH
Filing Date	:NA	7)UPADHYE KULDIP SURYAPRAKASH
		8)BHANGALE VIKAS KADU

(57) Abstract:

The present disclosure relates to a polyester composition comprising polyethylene terephthalate, at least one inorganic toner selected from the group consisting of ultramarine blue and iron oxide in an amount in the range of about 1 ppm to about 50 ppm with respect to the total mass of the composition, and at least one phosphate compound in the range of 5 ppm to 300 ppm based on the total weight of polyester composition. The present disclosure also relates to a process for the preparation of a polyester resin composition.

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

(22) Date of filing of Application :07/03/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : PROCESS FOR PREPARATION OF IMMUNOGENIC COMBINATION OF DIPHTHERIA TOXOID & TETANUS TOXOID

(51) International classification(31) Priority Document No	:A61K39/00, A61K39/08 :NA	(71)Name of Applicant: 1)BioBridge Healthcare Solutions Pvt. Ltd. Address of Applicant:13, Rachna Blossom, Jagdishnagar,
(32) Priority Date	:NA	Aundh, Pune Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KUMRAJ GANESH
Filing Date	:NA	2)JAIN, Jainender
(87) International Publication No	: NA	3)BHATI, Davender Kumar
(61) Patent of Addition to Application Number	:NA	4)KUMAR Ashok
Filing Date	:NA	5)KUMAR Vijay
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the preparation of immunogenic combination of Diphtheria Toxoid & Tetanus Toxoid. Therefore the object of the present invention is to provide an immunogenic combination which is manufactured with materials substantially free from animal origin and free from mercury compound preservative and immunogenic combination with high purity Diphtheria Toxoid & Tetanus Toxoid.

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

(22) Date of filing of Application :13/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A METHOD AND SYSTEM TO ALERT A USER OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)Ashfaque Ahmed Ansari
(61) Patent of Addition to Application Number	: NA :NA	1)Ashiaque Anmed Ansari 2)Sagar Sahebrao Tikar
Filing Date (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure provides a method for alerting an user of a vehicle about dis-engaged condition of a parking brakes of a vehicle. A sensor interfaced with a control unit first senses the parking brake dis-engaged condition and thereby generate a first signal. The control unit, upon receiving the first signal identifies the vehicle is turned to OFF condition from ON condition and provide a second signal to an indicator. The indicator upon receiving the second signal alerts the user of the vehicle. FIG. 4

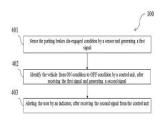


FIGURE 4

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

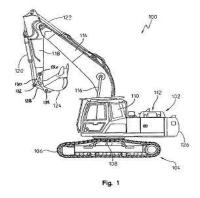
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: POWERLINK LUBRICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:61/828, 742 :30/05/2013 :U.S.A.	(71)Name of Applicant: 1)DEERE & COMPANY Address of Applicant:ONE JOHN DEERE PLACE, MOLINE, LLLINOIS, 61265-8098, USA U.S.A. (72)Name of Inventor:
• •	:61/828,	1)DEERE & COMPANY
(32) Priority Date	:30/05/2013	MOLINE, LLLINOIS, 61265-8098, USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)CRANE JESSE A
Filing Date	:NA	
(87) 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 disclosure provides a powerlink for coupling a hydraulic cylinder to a work implement. The powerlink includes a body forming a first bushing at a first end and a second bushing at a second end thereof. A first plane is defined in one direction along a longitudinal axis of the body and in a second direction along a first pivot axis. A second plane is defined in one direction along the longitudinal axis and is substantially normal to the first pivot axis. A first fitting is fluidly coupled to the first bushing at a first angle relative to the first plane and at a second angle relative to the second plane. A second fitting is fluidly coupled to the second bushing at a third angle relative to the first plane and at a fourth angle relative to the second plane.



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

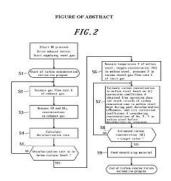
(22) Date of filing of Application :13/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD OF DETERMINING TIME TO TERMINATE DECARBURIZATION TREATMENT AND RH VACUUM DEGASSING SYSTEM THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	C21D3/04 :NA :NA :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 1000011, Japan. Japan (72)Name of Inventor: 1)NABESHIMA, Seiji
Filing Date (87) International Publication No	:NA : NA	2)YAMAGISHI, Masafumi 3)SAKURAI, Eiji
(61) Patent of Addition to Application Number	:NA	4)MURAI, Takeshi
Filing Date (62) Divisional to Application Number	:NA :NA	5)TSUTSUMI, Koichi
(62) Divisional to Application Number Filing Date	:NA :NA	6)MIKI, Yuji

(57) Abstract:

The present invention provides a method of determining a time to terminate decarburization treatment, the decarburization treatment being performed on molten steel using an RH vacuum degasser. The method includes: calculating an estimated carbon concentration [C] in the molten steel during the decarburization treatment based on operation data during the decarburization treatment, correction coefficient A obtained from track records of carbon concentrations in the molten steel being kept during past decarburization treatment, and correction coefficient B obtained from at least one of manganese concentration [Mn], phosphorous concentration [P], and sulfur concentration [S] in the molten steel yet to be subjected to the decarburization treatment; and terminating the decarburization treatment at a point in time when the estimated carbon concentration [C] reaches a target value.



No. of Pages: 29 No. of Claims: 4

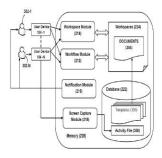
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR FACILITATING KNOWLEDGE MANAGEMENT

(51) International classification	:G06F17/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Tata Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai 400021, Maharashtra, India. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)B, Ohm Kumar
(87) International Publication No	: NA	2)M, Balamurugan
(61) Patent of Addition to Application Number	:NA	3)P, Suresh Babu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for facilitating knowledge management. A plurality of users into a plurality of groups and each user is assigned a role and an access right. A document workflow may be defined for approval of a plurality of documents of distinct data types. The plurality of documents may be approved by one or more users of the plurality of users based upon the role and the access right. The plurality of documents may be stored in a plurality of workspaces based upon the approval. A group of the plurality of groups may be tagged to a workspace of the plurality of the workspaces such that one or more users belonging to the group are authorized to access the workspace and the documents stored therein based upon the role and the access right.



No. of Pages: 33 No. of Claims: 18

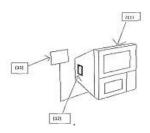
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ATM THEFT TRACKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	1/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. SAGAR N. KHALASI Address of Applicant: 2/14, ALKAPURI FLATS, GHB OPP. MALAV TALAV, JIVRAJ MEHTA ROAD, VASNA, AHMEDABAD - 380007 GUJARAT, INDIA. Gujarat India 2)MR. JAY AJAY JOSHI
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)MR. SAGAR N. KHALASI
(61) Patent of Addition to Application Number	:NA	2)MR. JAY AJAY JOSHI
Filing Date (62) Divisional to Application Number	:NA :NA	3)MS. RIMA C. GANDHI 4)MS. RICHA C. GANDHI
Filing Date	:NA	Thus, Monta of Other

(57) Abstract:

The present invention provides an ATM theft tracker system, wherein the ATM machine consists of RFID tags which are placed inside and outside of the machine. The inner part of this system contains a triggering device, RFID detectors, alarm enabling system, GSM voice call system, Geo location system, hidden camera. When the thieves cut or break the machine the RFID detector activates the triggering device. And it will enable the alarm, continues GSM call and message system, Geo locating system and gives the information to ban authorities and nearby police station. And triggering device immediately shut down the shutter of the ATM center.



[Figure-1]

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

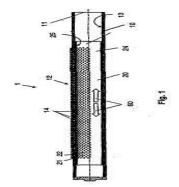
(22) Date of filing of Application :25/03/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: THROTTLE DEVICE

(51) T	G05D7/06	
(51) International classification	:G05D7/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BALCKE DURR GMBH
(32) Priority Date	:NA	Address of Applicant :ERNST-DIETRICH-PLATZ 2 40882
(33) Name of priority country	:NA	RATINGEN, GERMANY. Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. BIRGER KLITZING
(87) International Publication No	: NA	2)MR. THOMAS TELGEN
(61) Patent of Addition to Application Number	:NA	3)MR. BERNHART STOCKFISCH
Filing Date	:NA	4)DR. FLORIAN SEFFRIN
(62) Divisional to Application Number	:NA	5)MR. KLAUS HOFFMANN
Filing Date	:NA	

(57) Abstract:

The invention relates to a variable throttle comprising a fluid collector 10 comprising at least an internal chamber, an inlet 11 and a plurality of outlets 12 for the fluid and a control element 20 that is displaceably mounted in the internal chamber internal chamber of the fluid collector 10 and comprises a plurality of orifices 21, 22, the cross-section of which can be varied by a relative movement of the control element 20 in relation to the fluid collector 10 wherein the control element 20 is a sleeve 20, wherein the orifices 21, 22 are disposed in the sleeve 20 such that they correspond to the outlets 12 of the fluid collector 10, wherein between the sleeve 20 and the fluid collector 10 seals are provided, such that in a region between of an outside surface 24 of the sleeve 20 and an inside surface 13 surrounding the internal chamber of the fluid collector 10 no fluid communication takes place between the orifices 21, 22 of the sleeve 20.



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

(22) Date of filing of Application :04/03/2014

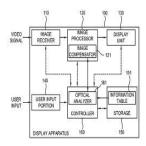
(43) Publication Date: 30/10/2015

(54) Title of the invention: DISPLAY APPARATUS AND CONTROL METHOD THEREOF

(51) International classification	:G06F3/00, G11B 27/00	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant:129, Samsung-ro, Yeongtong-gu,
(31) Priority Document No	:10-2013- 0025020	Suwon-si, Gyeonggi-do, Republic of Korea Republic of Korea (72)Name of Inventor:
(32) Priority Date	:08/03/2013	1)YUN, Sang-Un
(33) Name of priority country	:Republic of Korea	2)LEE, Sang-hoon 3)KIM, Jong-woo
(86) International Application No	:NA	4)KIM, Gae-youn
Filing Date	:NA	5)HUH, Tae-young
(87) International Publication No	: NA	6)LEE, Min
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 41		·

(57) Abstract:

Disclosed are a display apparatus and a control method thereof, there is provided a display apparatus is provided including: an image processor configured to process a video signal in to an image; a display unit comprising a reproducing area where the processed image is displayed and a non-reproducing area where no image is displayed; and an optical sheet provided on the non-reproducing area of the display unit, wherein the optical sheet is configured to diffuse light passed therethrough and configured to visually hide the non-reproducing area.



No. of Pages: 48 No. of Claims: 15

(22) Date of filing of Application :28/02/2010 (43) Publication Date : 30/10/2015

(54) Title of the invention : DEVICE AND SYSTEM FOR A ROLLING RAFFLE GAME, PRIZE ALLOCATION AND DISTRIBUTION

(51) International classification :G06Q 50/00 (71)Name of Applicant: (31) Priority Document No 1)MICHAEL L HUGHES (32) Priority Date Address of Applicant :600 S. CURSON AVENUE STE # :28/02/2010 (33) Name of priority country 631 LOS ANGELES CALIFORNIA USA U.S.A. :Argentina (86) International Application No :PCT/US2008/070392 (72)Name of Inventor : Filing Date :18/07/2008 1)MICHAEL L HUGHES :WO/2009/017977 (87) International Publication No (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A device and system for carrying out a process for implementing a lottery game with a subsequent raffle add-on game. For a premium wager, a raffle game is added to a lottery game play. All players of the base game (who purchased the add-on game or not) who achieve a pre-determined outcome receive a raffle game play which is entered into a raffle drawing at no additional cost. The raffle drawing is held, and the winning raffle outcome is identified. Winning raffle ticket recipients submit their tickets to the lottery authority for their prize. A determination is made if the add-on game was purchased with the base game play associated to the winning raffle ticket. If the add-on game was purchased with the base game play, the player receives the raffle prize. If the add-on game was not purchased with the base game play associated to the winning raffle ticket the player receives a free QP lottery ticket in lieu of receiving the raffle prize and the unpaid raffle prize (or a percentage thereof) rolls over to a subsequent raffle drawing. Improvements to a base lottery game device and system are presented which offer players enhanced odds of a winning outcome and qualification to participate in the add-on raffle game of the present invention. The raffle pari-mutuel prize pool consists of a percentage of raffle game sales over a drawing period plus unpaid prize money carried forward from previous draws. In one embodiment of the device and system, 50% of the pari-mutual prize pool plus any unpaid fixed prize monies carried forward from previous draws is allocated to a fixed prize pool in a drawing period. The fixed prize pool is allocated to a number of different fixed prize units, defined by a device and system herein. In one embodiment of the device and system, a pari-mutual grand prize payout does not influence unpaid fixed prize monies carried forward to subsequent drawings and a fixed prize payout does not influence unpaid pari-mutuel grand prize monies carried forward to subsequent drawings, which provides a host with a consistent offering of prizes, drawing period after drawing period; building prize momentum • regardless of poor weekly game play sales after a grand prize payout. Lastly, a device and system for facilitating the lottery game plays of the present invention in an electronic lottery game network is taught. The use of a dispensing terminal interface, which when combined with the devices and systems herein provides quicker transaction periods and assists players in express impulse game-play • transactions when strategically positioned.

No. of Pages: 49 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1606/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NUTRIENT MIX TO IMPROVE MAIZE YIELD

(51) International classification	:C05G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TAMILNADU AGRICULTURAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CROP
(33) Name of priority country	:NA	PHYSIOLOGY TAMIL NADU AGRICULTURAL
(86) International Application No	:NA	UNIVERSITY, COIMBATORE-641003 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. H. VIJAYARAGHAVAN
(61) Patent of Addition to Application Number	:NA	2)DR. S. VINCENT
Filing Date	:NA	3)DR. S. NATARAJAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A specific composition in solid form consisting of essential nutrients and growth regulating hormones like Salicylic acid, Citric acid and Gibberillic acid in a particular ratio to be applied to the maize crop by spraying at specified intervals leading to increase in growth and yield of grains.

No. of Pages: 6 No. of Claims: 3

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NUTRIENT MIXTURE TO REDUCE IRON CHLOROSIS IN SUGARCANE

(57) Abstract:

A specific composition in solid form made of micro nutrients along with growth regulators like salicylic acid, naphthalene acetic acid and gibberellic acid in a particular ratio to be applied by foliar spray with fertilizers at regular intervals of 45, 60 & 75 days after planting resulting in improved photosynthesis, reduced chlorosis, better growth and more yield of sugarcane with better sugar content.

No. of Pages: 8 No. of Claims: 4

(22) Date of filing of Application :24/12/2012

(43) Publication Date: 30/10/2015

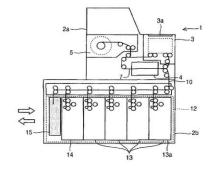
(54) Title of the invention: AUTOMATIC TRANSACTION APPARATUS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G07D 11/00, G07D 7/20, G07F 17/40 :2010146204 :28/06/2010 :Japan	(71)Name of Applicant: 1)Oki Electric Industry Co. Ltd. Address of Applicant: 1 7 12 Toranomon Minato ku Tokyo 1058460 Japan (72)Name of Inventor: 1)IIZUKA Mamoru
(86) International Application No	:PCT/JP2011/06065	
Filing Date	:09/05/2011	
(87) International Publication No	:W O 2012/002036	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	77.4	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an automatic transaction apparatus comprising an upper unit and a lower unit wherein a means is provided for reducing the cost of manufacturing the upper unit. An automatic transaction apparatus comprises: an upper unit (2a) provided with a bill deposit/withdrawal part (3) and a sorting part (4); and a lower unit (2b) comprising denomination specific cassettes (13) and a reject storage part (15). The automatic transaction apparatus is provided with: an upper conveyance path (7) which conveys bills to the parts in the upper unit (2a); and a lower conveyance path (10) which is connected to the upper conveyance path (7) and is disposed in the lower unit (2b) and which branches midway and conveys bills to the denomination specific cassettes (13) or the reject storage part (15).





No. of Pages: 17 No. of Claims: 5

(22) Date of filing of Application :25/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: NEW DESIGN ON INSULATION.

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)PROF. RANJIB KUMAR CHOWDHURY Address of Applicant: H/O, S.S.ROY, P.S.M, 139/140, 100
(33) Name of priority country(86) International Application No	:NA :NA	FEET ROAD, PEENYA 3RD PHASE, LEGGERE, BANGALORE - 58 Karnataka India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)DR.C.R. RAJASHEKHAR
(61) Patent of Addition to Application Number	:NA	2)2110111 201201101111
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

ABSTRACT- High temperature furnace, so far in the conventional systems of insulation, regarding manufacturing, temperature controlling (while heating to the desired high temperature 1600 C or above), cause tremendous thermal losses, or becomes very bulky and costly affairs, rhough the concept of high temperature furnace insulation is quite old, but, recent development of material science has created a radical change in the aspects of manufacturing process in the concept of insulation astonishingly. Considering all the new-age developments, present proposed work is outlined specifically to meet the requirements of achieving optimum thermal efficiency (minimum thermal losses) with skin temperature equal to the room temperature. A new design is to arrest thermal losses using improved insulation to improve thermal efficiency. The goal of this experiments is to achieve optimum thermal efficiency with skin temperature equal to the room temperature, for continuous operations for various heating processes requiring temperature from ambient temperature up to 1600 degree C, also in multiple ranges to be followed continuously one after another, for wide range of applications as laboratory furnaces, testing the equipments within the temperature 1600 degree C and above as high temperature furnaces etc. The present experiment will be a great mileage ushering new era for research, and tap so many untapped factors to achieve most satisfactory results in the field of thermal i engineering in coming years.

No. of Pages: 5 No. of Claims: 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.195/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: AUTOMATIC COMMODE CLEANING APPARATUS

(51) I	A 4777	
(51) International classification	:A4/K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MS. A SNIGDHA
(32) Priority Date	:NA	Address of Applicant :H.NO: 33 44, KAPPAGAL ROAD,
(33) Name of priority country	:NA	BEHIND LIONS CLUB, GANDHI NAGAR, BELLARY - 583
(86) International Application No	:NA	103 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MS. A SNIGDHA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

NA

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

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : ADAPTOR FOR AIR COMBAT MANEUVERING INSTRUMENT POD FOR FIGHTER AND TRAINER AIRCRAFTS

(51) International classification	·G09R9/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No	:NA	MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)C. VENUGOPAL (DGM)
(61) Patent of Addition to Application Number	:NA	2)M RAJABALAJI (SM)
Filing Date	:NA	3)M. NIDHEESH (DM)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Air combat maneuvering Instrument pods plays a vital role in capturing/recording flight envelope of fighter/trainer aircraft in typical combat scenario. The recorded data are used for real time / post flight analysis. The post flight data analysis requires various data from different equipments; in this case all these instruments are encased in a shell. Attaching this pod into the aircraft is a challenging task, because this pod is in the shape of a missile and the missiles were commonly attached to the aircraft by launchers.ie attaching these pod to an aircraft is possible only when there is compatibility between aircraft launcher and pod. In aircraft only one or two stations are available for missiles. So installations of Air combat maneuvering instrument pod become a difficult task without any new inventions. The newly invented adaptor is unique in design, which caters all the needs of air combat maneuvering instrument pod integration to the aircraft. The adaptor enables air combat instrument adaptation under the wing and fuselage stations of Fighter or Trainer aircrafts like regular stores under NATO 14suspension system. The adaptor gives additional flexibility to carry representative missiles under wing or fuselage of Fighter / Trainer aircrafts like regular stores under NATO 14suspension system for flight test trials.

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

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : NOVEL SYNERGISTIC COMPOSITION COMPRISING OF A CAROTENOID, SERM AND AN AMINO ACID DERIVATIVE THEREOF

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RAMANAN EZHILARASAN
(32) Priority Date	:NA	Address of Applicant :PLOT NO 1026A, 76TH STREET,
(33) Name of priority country	:NA	12TH SECTOR, K.K.NAGAR, CHENNAI-600078 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAMANAN EZHILARASAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention refers to a combination for ovulation induction and infertility in women. The present invention particularly relates to a synergistic composition comprising a carotenoid, and an antioxidant over and above an agent that induces ovulation. The synergistic composition for inducing ovulation comprising a combination of antioxidants with a carotenoid and a selective estrogen receptor modulator (SERM) or an aromatase inhibitor. The present invention preferably refers to Astaxanthin and N acetyl cysteine added to the regular treatment of a selective estrogen receptor modulator and an aromatase inhibitor. More specifically, the invention relates to the use of such synergistic composition for inducing ovulation thereby increasing the pregnancy outcome with the complete management of infertility in particular in females who are disposed and predisposed to amenorrhea, hormonal imbalance, Irregular menstruation, hyperinsulinemia related manifestations, obesity, PCOS, endometriosis and other factors.

No. of Pages: 14 No. of Claims: 7

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ROBUST CURABLE SOLID INKS AND METHODS FOR USING THE SAME

(51) International classification(31) Priority Document No(32) Priority Date	:C09D :13/105,825 :11/05/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country (86) International Application No	:U.S.A. :NA	4505, NORWALK CONNECTICUT 06856-4505 U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)CHRETIEN, MICHELLE, N.
(87) International Publication No	: NA :NA	2)BRETON, MARCEL, P.
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Curable solid inks and low shrinkage curable solid inks which are solid at room temperature and molten at an elevated temperature at which the molten ink is applied to a substrate. In particular, the solid inks of the present embodiments retain the advantages of handling, safety, and print quality usually associated with conventional solid phase change inks but provide additional breakthrough performance characteristics such as enhanced curing and robustness, lower jetting temperature, and ultra-low shrinkage upon crystallization, which allow the inks to be used as novel materials in inkjet-based print applications.

No. of Pages: 50 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2055/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: RADIO COMMUNICATION SYSTEM, RADIO COMMUNICATION METHOD, RADIO BASE STATION AND CONTROL STATION

(51) International classification:H04W24/02(31) Priority Document No:2009-061470(32) Priority Date:13/03/2012(33) Name of priority country:Japan(86) International Application No:PCT/JP2010/0540

Filing Date :11/03/2010
:WO 2010/104143

(87) International Publication No

Swo 2010/104
A1

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

(62) Divisional to Application Number :7907/CHENP/2011 Filed on :11/03/2010 (71)Name of Applicant:
1)NEC CORPORATION

Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU,

:Japan :PCT/JP2010/054099 (72)**Name of Inventor :** :11/03/2010 1)**FUTAKI, HISASHI**

(57) Abstract:

ABSTRACT A radio communication system includes a plurality of radio base stations (eNB1, eNB2 and eNB3) and a control station (O&M (OMC)) connected to the radio base stations. One of the radio base stations notifies state control information including information regarding state control to the control station before or after execution of state control in the one radio base station. The control station notifies at least one of management information regarding the radio parameter updated in accordance with the state control and the state control information to the radio base stations connected to the control station, with the exclusion of the one radio base station that notified the state control information.

No. of Pages: 95 No. of Claims: 6

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: DUAL-THRUST DUAL-HEAD ELECTROMAGNETIC SPACE EXPLORATION PROBE

(51) International alassification	·E011 0/04	(71) Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)VIJIL LAL V.K JERIN JOHN
(32) Priority Date	:NA	Address of Applicant: VANNATHAKOTTEMME L(HO),
(33) Name of priority country	:NA	KARINGAD(PO), KOZHIKODE 673513 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIJIL LAL V.K
(87) International Publication No	: NA	2)JERIN JOHN
(61) Patent of Addition to Application Number	:NA	3)V.R.SANAL KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to the conceptual design and laboratory testing of a miniature dual-thrust dual-head electromagnetic space exploration probe capable of producing propulsive force continuously within the atmosphere and outer space. This propulsion system hereafter named as Jerins Space Exploration Probe (JSEP). The JSEP consists of a magnetic piston and a vacuum cylinder with dual head electromagnet having varying polarity. The total weight of the miniature system used for the static test is on the order of 1.2 Kg. The piston is made of permanent magnet which is kept inside a vacuum cylinder of diameter 3 cm and a total length of 12 cm. The vacuum cylinder is made of non-Magnetic material. The dual heads are magnetized using a direct current (DC) from a solar cell and the reciprocating motion of the piston is being invoked by the polarity change using an onboard timing circuit. The forward motion of the JSEP is achieved by the momentum gained from the striking force of the magnetic piston to the forward dead centre (FDC) of the vacuum cylinder. Admittedly, it imparts a repelling force towards the rearward dead centre (RDC); but simultaneously a timing circuit is invoked to change the polarities of FDC and RDC in such a way that the magnetic piston should be arrested within the Jerins Gap for achieving the 100 % gain of the forward movement of the JSEP. Whereas, the equal and opposite reacting force was nullified at the border of the Jerins Gap by RDC polarity change for prohibiting completely the backward movement. The series of strikes done by the magnetic piston at the FDC enable the JSEP to travel an infinite distance limited to the life of the system with a minimum estimated span of 12 years. In addition to the space exploration, the JSEP can be converted into a Low Altitude (LAL) Aerial Vehicle Engine by converting the linear motion of the piston to the rotary motion with the support of a connecting rod and a crankshaft. The estimated life of the LAL Aerial Vehicle is higher than the JSEP due to the maintenance availability. The present multipurpose JSEP is a unique propulsion system, which merits patenting without any prejudice.

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

(21) Application No.1799/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A DEVICE AND METHOD TO REDUCE COMMON MODE NOISE

(51) International classification	:H04N	(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)HARI HARA KUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a device and a method to reduce the common mode noise generated in the switching circuits. The anti noise generator(200) driven by either signal generating circuit or separate driving circuit is used to reduce the common mode noise generated due to the switching element in the switching circuit.

No. of Pages: 14 No. of Claims: 11

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : POWERING SCHEME OF A TWO SEATER FIGHTER/TRAINER AIRCRAFT DURING SOLO FLIGHT

(51) International classification	:B64C30/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No	:NA	MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUMANA PRAKASH
(61) Patent of Addition to Application Number	:NA	2)S MEERA
Filing Date	:NA	3)MINUSHREE MISHRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In any two seater fighter/trainer aircraft, two pilots will fly the aircraft. In such a case both the cockpits will be powered .During solo flying, the rear cockpit displays and indications will be powered which leads to unnecessary waste of aircraft power. During solo flying, it becomes mandatory for the ground crew and the pilot to check the position of all the switches in the rear cockpit before entering the cockpit. If the switches are not in the correct position in the rear cockpit, the pilot will not be able to operate the controls which could lead to a dangerous condition. In this scheme, a Single/Twin switch is provided in the front cockpit. All the rear indications and displays are automatically switched off once the Single/twin switch in the front cockpit is put in single mode. Also there is no need to ascertain the position of the switches in the rear cockpit by the ground crew or the pilot as the Single/Twin switch will override all the switch positions in single mode.

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

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : SPECIAL PURPOSE MACHINE FOR DRILLING & REAMING OF ARIS - TORQUE PLATE ASSEMBLY ATTACHMENT HOLES ON HELICOPTER

(51) International classification	:E21B47/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HELICOPTER DIVISION
(32) Priority Date	:NA	Address of Applicant :AGM(PE), HINDUSTAN
(33) Name of priority country	:NA	AERONAUTICS LIMITED, HELICOPTER DIVISION, P.B. NO
(86) International Application No	:NA	1790, VIMANAPURA POST, BANGALORE - 560 017
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GANESH. G
Filing Date	:NA	2)SUBHASHISH PARIDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The special purpose machine designed & developed for drilling & reaming of ARIS - torque plate attachment holes, is a miniature, high precision radial drilling machine. The machine has a sturdy Aluminum alloy base plate on which center shaft is fixed. The radial arm rotates 360° on ball cage bush, mounted on center shaft. The arm carries a radial slide, mounted on precision linear motion guide. The radial slide carries a vertical slide, which is again mounted on linear motion guide. The pneumatic rack feed gun is mounted is mounted on the vertical slide. The radial slide is provided with fine pitch lead screw control, which assists in quick positioning of the drill gun at the required position. The vertical slide assists in changing of drill bits & reamers in the gun, without changing the gun position. The machine is compact and its weight is optimized. This ensures portability, which facilitates the machine to be mounted directly on the helicopter transmission deck, for carrying out precision drilling & reaming operation. The precision design & build of the machine along with its robustness ensures the critical functional holes are produced to required accuracy. This in turn ensures the required quality to be maintained and cycle time for the operation is reduced.

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

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR PRODUCING HEAT SHIELDING PLY STRUCTURE HEAT SHIELDING PLY STRUCTURE AND TRANSPARENT LAMINATE FILM FOR PLY STRUCTURE

(51) International classification :B32B9/00,B32B3/10,B32B15/08 (71)Name of Applicant: (31) Priority Document No 1)TOKAI RUBBER INDUSTRIES LTD. :2011028322 (32) Priority Date :14/02/2011 Address of Applicant: 1 Higashi 3 chome Komaki shi Aichi (33) Name of priority country 4858550 Japan :Japan (72) Name of Inventor: (86) International Application :PCT/JP2012/050580 1)INAGAKI Hiroki :13/01/2012 Filing Date 2)TAKEUCHI Tetsuya (87) International Publication 3)NARASAKI Tetsuji :WO 2012/111367 4)INUZUKA Masataka (61) Patent of Addition to 5)GOTO Osamu :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided is a method for producing a heat shielding ply structure having superior solar radiation shielding performance and superior radio wave transmittance. At least one side of a transparent polymer film has a laminate structure part formed by laminating a metal layer and a metal oxide layer containing an organic component. A transparent laminate film (12) on which a groove having a width of 30 µm or smaller is formed for dividing the metal layer on the laminate structure part is interposed between two transparent substrates (14 14). Pressure is applied to bond the two transparent substrates (14 14) with the transparent laminate film (12) interposed therebetween. The pressure also causes fragmentation of the metal layer of the transparent laminate film (12) and increases the surface resistance value overall.

No. of Pages: 71 No. of Claims: 16

(22) Date of filing of Application :07/01/2013 (43) Publication Date : 30/10/2015

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

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A62C :NA :NA :NA	(71)Name of Applicant: 1)ZEN TECHNOLOGIES LIMITED Address of Applicant: B-42, INDUSTRIAL ESTATE, SANATHNAGAR, HYDERBAD-500018 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KISHORE DUTT ATLURI
(87) International Publication No	: NA	2)M RAVI KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for detecting and reporting the hit or miss location of the supersonic projectile on the target for imparting effective shooting practice training among the firers is disclosed. The system includes a target arrangement including (a) a target, a motor unit, and a target holder for holding the target, is connected to the motor shaft of the motor unit for performing upward movement or downward movement of the target (b) a projectile detection unit connected to the target arrangement for detecting the hit or miss location of the supersonic projectile on the target and (c) a firing point unit is placed at the firer end, receives the projectile hit or miss location from the projectile detection unit for computing and displaying the location of hit or miss in terms of X and Y coordinates along with the score for every hit or miss and the aggregate score.

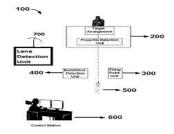


FIG.1

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

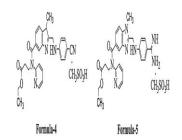
(22) Date of filing of Application :02/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NOVEL SALTS OF BENZIMIDAZOLE DERIVATIVES

(51) International classification	:C07D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :MSN LABORATORIES LIMITED,
(33) Name of priority country	:NA	FACTORY:SY. NO.317 & 323, RUDRARAM (VIL),
(86) International Application No	:NA	PATANCHERU(MDL), MEDAK(DIST) - 502 329 Andhra
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SRINIVASAN THIRUMALAI RAJAN
Filing Date	:NA	2)SAJJA ESWARAIAH
(62) Divisional to Application Number	:NA	3)SURAPARAJJU RAGHURAM
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel salts of benzimidazole derivatives, preferably mesylate salt of benzimidazole derivatives represented by the following structural formulas, which are useful intermediates in the synthesis of pure 1-methyl-2-[N-[4-(N-n-hexyloxycarbonylamidino)phenyl]aminomethyl]benzimidazol-5-yl-carboxylicacid-N-(2-pyridyl)-N-(2-ethoxycarbonylethyl)amide mesylate compound of formula-1.



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

(22) Date of filing of Application :02/08/2010 (43) Publication Date : 30/10/2015

(54) Title of the invention: RECOIL SYSTEM FOR WEAPON SIMULATORS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	3/82 :NA :NA :NA :NA	(71)Name of Applicant: 1)ZEN TECHNOLOGIES LIMITED Address of Applicant: B-42, INDUSTRIAL ESTATE, SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)KISHORE DUTT ATLURI 2)M. JAYACHANDRA RAJU
(61) Patent of Addition to Application Number	:NA	3)N. RAM MOHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A firearm assemblage and a method adapted for providing an improved recoil sensation to a trainee of a direct firearm simulator are presented. The firearm assemblage includes a magazine unit for storing a predetermined measure of compressed force in a chamber contained therein, the magazine unit includes a first orifice for guiding the compressed force into the chamber, and a second orifice for regulating flow of compressed force from the chamber, a bolt unit securely coupled to the magazine unit for regulating flow of the compressed force from the magazine unit, and a breech block unit securely coupled to the bolt unit for regulating the flow of compressed force from the bolt unit upon initiation of a trigger action by the trainee, thereby producing the recoil sensation.

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

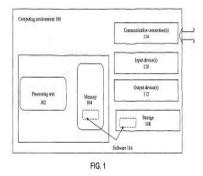
(22) Date of filing of Application :24/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEMS AND METHOD FOR GENERATING BILLING DATA OF A COMPOSITE CLOUD SERVICE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INFOSYS LIMITED Address of Applicant:IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India (72)Name of Inventor: 1)SHYAM KUMAR DODDAVULA 2)ARUN VISWANATHAN 3)MUDIT KAUSHIK 4)RAGHAVAN SUBRAMANIAN
--	---

(57) Abstract:

The technique relates to a system and method for generating billing data of a composite cloud service. This technique tracks and meter manual service usage along with the infrastructure and software usage to generate billing data for the composite cloud service. The technique involves receiving a user request for the composite cloud service. After receiving the user request, one or more infrastructure, software and manual resources required to fulfill the user request are provisioned. Thereafter, the consumption of the one or more infrastructure, software and manual resources in real time to fulfill the user request is measured based on a predefined monitoring metrics. Finally, billing data for the composite cloud service is generated based on the measured consumption data of the one or more infrastructure, software and manual resources, a predefined chargeback model and a predefined billing policy. REF FIG:



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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF BLONANSERIN

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)MYLAN LABORATORIES LTD Address of Applicant: PLOT NO 564/A/22, ROAD NO 92, JUBILEE HILLS, HYDERABAD-500033. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAGESWARA RAO, KARUSALA
(87) International Publication No	: NA	2)BHAUSAHEB, CHAVHAN
(61) Patent of Addition to Application Number	:NA	3)RADHA KRISHNA, SINGAMSETTY
Filing Date	:NA	4)SUDARSHAN RAO, KOTHA KONDA
(62) Divisional to Application Number	:NA	5)SUNIL, KUNAMNENI
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved process for the preparation of 4-(4-Fluorophenyl)-5,6,7,8,9,10-hexahydro cyclooctane [b] pyridine-(IH)-ketone comprising the steps of hydrolyzing 4-Fluorobenzoyl acetonitrile in presence of an acid; reacting with Cyclooctanone; and isolating 4-(4-Fluorophenyl)-5,6,7,8,9,10-hexahydro cyclooctane [b] pyridine-(IH)-ketone. The present invention also relates to further conversion 4-(4- Fluorophenyl)-5,6,7,8,9,10-hexahydro cyclooctane [b] pyridine-(IH)-ketone into Blonanserin. The present invention also provides, process for the preparation of Blonanserin Hydrchloride and further conversion of Blonanserin Hydrchloride to pure Blonanserin.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR PRODUCING B-CAROTENE-RICH DUNALIELLA POWDER

(31) Priority Document No 108038 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Name of priority country Filing Date (84) International Publication No Filing Date (85) International Publication Number Filing Date (86) Divisional to Application Number Filing Date (87) International Publication Number Filing Date (88) International Publication Number Filing Date (89) International Publication Number Filing Date (80) International Publication Number Filing Date (81) Address of Applicant :1-32, ASAHIRA, FUKUJU-CHO, HASHIMA-CITY, GIFU Japan (72) Name of Inventor: 1) BEN-AMOTZ, AMI 2) MORI, NOBUO 108038 108038 Address of Applicant :1-32, ASAHIRA, FUKUJU-CHO, HASHIMA-CITY, GIFU Japan (72) Name of Inventor: 1) BEN-AMOTZ, AMI 2) MORI, NOBUO	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2011- 108038 :10/05/2011 :Japan :NA :NA :NA :NA	HASHIMA-CITY, GIFU Japan (72)Name of Inventor: 1)BEN-AMOTZ, AMI
---	---	---	---

(57) Abstract:

In a step of producing a powder product of the alga belonging to the genus Dunaliella, the present invention includes a pH adjusting step in which an alga belonging to the genus Dunaliella is allowed to be in a basic state of pH 9.5 or higher. According to the method, it is possible to provide dried Dunaliella powder containing (3-carotene at a high content by suppressing degradation of (3-carotene as an active ingredient while decreasing each of the total pheophorbide amount and the existing pheophorbide amount to a predetermined value or less, even if the total pheophorbide amount and the existing pheophorbide amount of the cultured algae belonging to the genus Dunaliella are higher in summer. [Selective Figures] none

No. of Pages: 19 No. of Claims: 3

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : NON OPERATIONAL LAUNCHER FOR CARRIAGE OF TYPICAL CCM FOR FIGHTER & TRAINER AIRCRAFT

(51) International classification	:B64D7/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No	:NA	MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)C. VENUGOPAL (DGM)
(61) Patent of Addition to Application Number	:NA	2)P. SREETHARAN (SM)
Filing Date	:NA	3)T.R. RAKESH (DM)
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In current practices, operational launchers are used in the fighter/trainer aircrafts during the sorties in order to meet the operational clean configuration (OCC) requirements. The use of such costly and scarcely available operational launchers needs to be regularly maintained and serviced which require skilled manpower and ground support system. The new invention is made to eliminate the use of such operational launchers but still meet the OCC requirements for the sorties of the fighter/trainer aircrafts. This is achieved by designing a non-operational launcher which can be installed to make the aircraft, flight worthy. This helps us to cut down the purchase and overhead costs of the operational launchers which are costly as well as short in supply.

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

(22) Date of filing of Application :03/04/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: MDCK DERIVED CELL LINES ADAPTED TO SERUM FREE CULTURE AND SUSPENSION CULTURE AND METHOD FOR PREPARING VACCINE VIRUS USING THE CELLS

(51) International :C12N5/071,C12N5/02,A61K39/145

classification

(31) Priority Document No :PCT/KR2010/006041

(32) Priority Date :06/09/2010

(33) Name of priority :Republic of Korea

country

(86) International :PCT/KR2011/006589

Application No :06/09/2011 Filing Date

(87) International Publication :WO 2012/033328

(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)SK CHEMICALS CO. LTD.

Address of Applicant: 600 Jeongja 1 dong Jangan gu Suwon si

Gyeonggi do 440 745 Republic of Korea

(72)Name of Inventor:

1)PARK Yong Wook

2)LEE Kun Se

3)LEE Bong yong

4)PARK Mahnhoon

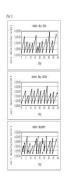
5)KIM Hun

6)KIM Yun hee

7)LEE Su jeen

(57) Abstract:

Disclosed is a Madin Darby canine kidney (MDCK) derived cell line. The MDCK derived cell line is derived from MDCK cells deposited under accession number ATCC CCL 34. The MDCK derived cell line can be prepared by serum free culture and suspension culture. Preferably the MDCK derived cell line has low or no tumorigenicity. The MDCK derived cell line is preferably selected from MDCK Sky1023 MDCK Sky10234 and MDCK Sky3851. Further disclosed are a culture method for growing the MDCK derived cells and a method for producing a vaccine virus using the MDCK derived cells.



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

(22) Date of filing of Application :09/04/2012

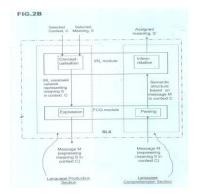
(43) Publication Date: 30/10/2015

(54) Title of the invention: AUTOMATED LANGUAGE-TUTORING 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 	:B09B5/00 :09305959.0 :08/10/2009 :EPO :PCT/EP2010/065108 :08/10/2010 :WO 2011/042543 A1 :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO Japan (72)Name of Inventor: 1)LUC STEELS 2)REMI VON TRIJP

(57) Abstract:

A language tutoring machine communicates with a user for teaching of a linguistic sub-system in a particular language. The language tutoring system comprises at least one computational module that functions to produce and comprehend utterances which employ the linguistic sub-system. The at least one computational module embodies two models which operationalizes the linguistic sub-system: a student model approximating a specified users performance when producing and comprehending language involving the linguistic sub-system, and a teacher model which represents an archetypal configuration of the language-system. The teacher model and student model use the same formalisms, advantageously Incremental Recruitment Language (for conceptualising and interpreting) and Fluid Construction Grammar (for expression and parsing). This enables a single computational module to be operated, at different moments, to represent the teacher model and to represent the student model, and enables the same components to be used for language production and comprehension. (Fig.2B).



No. of Pages: 191 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10786/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

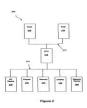
(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING ASSOCIATION BETWEEN SOCIAL OBJECTS IN A SOCIAL NETWORK

(51) International classification	:G06F 17/40 , G06F 15/16 , G06F 17/30	(71)Name of Applicant: 1)LIAU, SOON TECK, FREDERICK NOEL
(31) Priority Document No	:61/331,975	Address of Applicant :9 HOLLAND HILL, #10-01,
(32) Priority Date	:06/05/2010	SINGAPORE 278 738 Singapore
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/SG2011/000179	1)LIAU, SOON TECK, FREDERICK NOEL
Filing Date	:06/05/2010	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:10241/CHENP/2012	
Filed on	:06/12/2012	

(57) Abstract:

Novel compounds and pharmaceutical compositions are provided. In one aspect of the invention the compounds may be utilized in medical practice, for example, in treatment of cancer and immune disorders. Figure 2



No. of Pages: 41 No. of Claims: 8

(22) Date of filing of Application :26/02/2010 (43) Publication Date : 30/10/2015

(54) Title of the invention: SEMICONDUCTOR LIGHT EMITTING AND METHOD FOR MANUFACTUTING 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 	:C12K15/82 :2007-203353 :03/08/2007 :Japan :PCT/EP2008/061494 :01/09/2008 :WO 2009/027539 A3 :NA :NA	(71)Name of Applicant: 1)NICHIA CORPORATION Address of Applicant: 491-100, OKA, KAMINAKA-CHO, ANAN-SHI TOKUSHIMA 774-8601 Japan (72)Name of Inventor: 1)ICHIHARA, TAKASHI 2)YOSHIDA, HIROFUMI 3)YAMADA, TAKAO 4)WAKAI, YOHEI
Number		4)WAKAI, IOHLI

(57) Abstract:

A method for manufacturing a semiconductor light emitting element from a wafer in which a gallium nitride compound semiconductor has been laminated on a sapphire substrate having an orientation flat, comprises of: laminating a semiconductor layer on a first main face of the sapphire substrate having an off angle θ in a direction Xo parallel to the orientation flat; forming a first break groove that extends in a direction Y substantially perpendicular to the direction Xo, on the semiconductor layer side; forming a second break line that is shifted by a predetermined distance in the \pm Xo direction from a predicted split line within the first break groove and parallel to the first break groove in the interior of the sapphire substrate and corresponding to the inclination of the off angle 0; and splitting the wafer along the first and/or second break line.

No. of Pages: 50 No. of Claims: 26

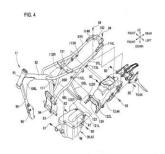
(22) Date of filing of Application :19/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: SADDLE-RIDE TYPE VEHICLE

(51) International classification :B60G3/04 (31) Priority Document No :2012- (32) Priority Date :25/04/201 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)YAOKAWA, TETSUO 2)INOUE, TAKASHI
---	---

(57) Abstract:

[Problem] To provide technique for improving assembling efficiency between a rear fender front half section and a rear fender rear half section in a saddle-ride type vehicle including a rear fender of a front and rear divided structure. [Constitution] In a motorcycle 10 including a rear fender 42, the rear fender 42 is divided into a rear fender front half section 43 and a rear fender rear half section 44 connected to the rear of the rear fender front half section 43, and the dividing faces of the rear fender front half section 43 and the rear fender rear half section 44 are coupled by insert projections 121L, 121R extending from the rear fender front half section 43 toward the rear of the vehicle and fit holes 122L, 122R provided in the rear fender rear half section 44, in which the insert projections 121L, 121R are inserted. [Selected Drawing] Fig. 4



No. of Pages: 30 No. of Claims: 6

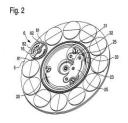
(22) Date of filing of Application :21/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: UNIVERSAL WATCH

(51) International classification	:G04B19/00,G04B19/02	(71)Name of Applicant:
(31) Priority Document No	:12173574.0	1)BLANCPAIN S.A.
(32) Priority Date	:26/06/2012	Address of Applicant :LE ROCHER 12, CH-1348 LE
(33) Name of priority country	:EPO	BRASSUS Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BECCIA, VINCENT
(87) International Publication No	: NA	2)DEBAUD, NICOLAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Universal watch (1) including: - a movement (10) driving a main display means (2) cooperating with a complementary main display means (3), - a means (4) for adjusting said main display means (2) to set the time of a determined place, - a secondary display means (5) which is moveable relative to said complementary main display means (3), and comprises geographical reference points (6) of different time zones. This movement (10) drives synchronously with the main display means (2): i - said secondary display means (5), -a structure (7) carrying first screens (8), each superposed on a geographical reference point (6) and, according to the time of day, changing position under the action of a drive torque from drive means (9) which is greater than the resistant torque imparted thereon by friction means (11) > connected to said structure (7). Figure 2



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

(22) Date of filing of Application :29/04/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: A METHOD OF CALIBRATING AN AIR SENSOR

(51) International :G01N33/00,B01D46/00,B01D53/00 classification

(31) Priority Document No :PCT/CN2010/078280

:01/11/2010 (32) Priority Date

(33) Name of priority :China country

(86) International :PCT/EP2011/068984

Application No :28/10/2011

Filing Date

(87) International Publication :WO 2012/059425

(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)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands

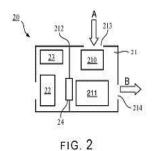
2)PHILIPS INTELLECTUAL PROPERTY &

STANDARDS GMBH (72) Name of Inventor: 1)SHEN Fangzhong

2)ZHANG Hong 3)LANFERMANN Gerd

(57) Abstract:

One embodiment of the invention provides an air treatment device. The air treatment device comprises: an air purifying unit configured to purify air; an air sensor configured to measure a first air quantity and provide a measurement output wherein the first air quantity comprises the purified air purified by the air purifying unit; and a processor configured to generate a first value based on the measurement output of the air sensor so as to calibrate the air sensor. With the air treatment device of one embodiment of the invention clean air i.e. zero air is generated locally by the air treatment device so as to calibrate the air sensor without the need for externally generating the zero air which brings convenience for the user or other operators performing calibration of the air sensor of the air treatment device. Another embodiment of the invention also provides a method of calibrating an air sensor of an air treatment device. The method comprises the steps of: purifying air by using the air treatment device; and measuring a first air quantity by using the air sensor to get a first value so as to calibrate the air sensor wherein the first air quantity comprises the purified air.



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

(22) Date of filing of Application :23/03/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELECTRONIC DEVICE AND METHOD FOR OPERATING APPLICATION PROGRAMS

(-, -, -, -, -, -, -, -, -, -, -, -, -, -	32271 1)ACER INCORPORATED 9/2011 Address of Applicant :8F. No.88 Sec. 1 Xintai 5th Rd. Xizhi
---	--

(57) Abstract:

An electronic device and a method for operating application programs are provided. In the method, an application program listing frame is displayed on a touch screen of the electronic device, wherein the application program listing frame comprises a first icon corresponding to a first application program. When a first touch operation applied to the first icon is detected by the touch screen, the first application program is launched. However, when a second touch operation applied to the first icon is detected by the touch screen, a first simple frame related to the first application program is popped out from the application program listing frame while the first application program is not running. A size of the first simple frame is smaller than the application program listing frame, and the first touch operation is different from the second touch operation.

No. of Pages: 27 No. of Claims: 12

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

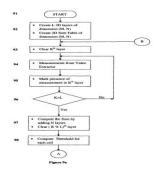
(43) Publication Date: 30/10/2015

(54) Title of the invention: A METHOD TO IDENTIFY UNCORRELATED DETECTIONS ACROSS SCAN TO SCAN USING MULTILAYER ADAPTIVE FILTERING FOR COASTAL TRACK WHILE SCAN SURVEILLANCE RADAR

(74) 7	60161614	7127
(51) International classification	:G01S13/42	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S BHARAT ELECTRONIC LIMITED
(32) Priority Date	:NA	Address of Applicant :NAGAVARA, OUTER RING ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 045 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIJI PAUL PANAKKAL
(87) International Publication No	: NA	2)PRASHANT KOPARDE
(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 illustrates a method, which uses a scan to scan layer adaptive filter to distinguish detections from sea clutter and detections from sea surface targets like ships and small boats. The method utilizes the uncorrelated nature of sea clutter from scan to scan while the target echoes will have a correlated nature. The scan to scan correlation is computed statistically by analyzing its presence in a current cell. The dimension of current cell is defined by azimuth quanta x range quanta and sum table is calculated. Each measurement is attached with a value for further decision making by the tracking application. The features unique to the present invention include the adaptive nature of the method to identify the clutter depending on the sea state. By removing the measurements identified as clutter, helps the tracker to give higher throughput by saving the processing time on unwanted clutter measurements. Figure 9



No. of Pages: 33 No. of Claims: 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2598/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN ELCTRONIC DEVICE

 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H05K :201220281068.8 :14/06/2012 :China :NA :NA :NA :NA	(71)Name of Applicant: 1)SENSATA TECHNOLOGIES MASSACHUSETS, INC. Address of Applicant:529 PLEASANT STREET, ATTLEBORO, MASSACHUSETTS 02703 U.S.A. (72)Name of Inventor: 1)CHEN JIAN 2)WANG CHANGYIN 3)JINGSONG ZHONG
--	---	--

(57) Abstract:

The present disclosure presents an electronic device includes:an electronic element with a first electrode and a second electrode disposed on the opposite sides thereof; a first terminal and a second terminal; a first support mounted to and electrically connected with the first terminal, the first support comprising a first contact part contacting and electrically connected with the first electrode; a second support mounted to and electrically connected with the second terminal, the second support comprising a second contact part contacting and electrically connected with the second electrode; a third elastic support comprising a third contact part contacting with one of the first electrode and the second electrode, wherein the third elastic support is provided so as to push the electronic element out of contact with one of the first support and the second support when the electronic element breaks in a failure state.

No. of Pages: 29 No. of Claims: 44

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: PEPTIDE DERIVATIVE AND USE THEREOF

(51) International classification :C07K14/46,G01N33/53,G01N33/536

(31) Priority Document No :2010-229009 (32) Priority Date :08/10/2010

(32) Priority Date :08/10/2010 (33) Name of priority

country :Japan

(86) International :PCT/JP2011/073234

Application No Filing Date :07/10/2011

(87) International :WO 2012/046845

Publication No
(61) Patent of Addition to
:NA

Application Number :NA :NA

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

(71)Name of Applicant: 1)KYOTO UNIVERSITY

Address of Applicant :36 1 Yoshida honmachi Sakyo ku

Kyoto shi Kyoto 6068501 Japan

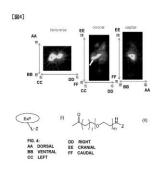
2)ARKRAY INC. (72)Name of Inventor:

1)SAJI Hideo

2)INAGAKI Nobuya 3)KIMURA Hiroyuki 4)TOYODA Kentaro 5)HIRAO Konomu 6)MATSUDA Hirokazu

(57) Abstract:

Provided is a peptide derivative represented by formula (I). In formula (I) the polypeptide Exp represents a polypeptide having the complete or partial amino acid sequence of exendin 4. The L Z group is a group represented by formula (II) that binds to an amino acid side chain or an N terminal a amino group of the polypeptide ExP.



No. of Pages: 118 No. of Claims: 14

(22) Date of filing of Application :21/03/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention : SITAGLIPTIN PTEROSTILBENE PHOSPHATE SALT, PROCESS FOR THE PREPARATION AND PHARMACEUTICAL COMPOSITION THEREO

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LAURUS LABS PRIVATE LTD Address of Applicant: 2ND FLOOR, SERENE CHAMBERS ROAD, #7, BANJARA HILLS, HYDERABAD - 500 034 Andhra Pradesh India (72)Name of Inventor: 1)SEETA RAMANJANEYULU GORANTLA 2)VENKATA SUNIL KUMAR INDUKURI 3)SATYANARAYANA CHAVA 4)ASHWINI NANGIA 5)KRISHNA SUMANTH PEREKA 6)UDAYA BHASKARA RAO KHANDAVILLI
---	---	--

(57) Abstract:

ABSTRACT The present invention relates to Sitagliptin Pterostilbene phosphate salt and its polymorphic forms, a process for its preparation. The present invention also relates to a pharmaceutical composition using the Sitagliptin Pterostilbene phosphate and its polymorphic forms.

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

(22) Date of filing of Application :02/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: READY TO USE, NON-AQUEOUS PHARMACEUTICALS COMPOSITIONS

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 564/A/22, ROAD NO. 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 034 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BHUSHAN, INDU
(61) Patent of Addition to Application Number	:NA	2)PANANCHUKUNNATH, MANOJ KUMAR
Filing Date	:NA	3)GORE, SUBHASH
(62) Divisional to Application Number	:NA	4)SINGH, AJEET KUMAR
Filing Date	:NA	5)MALI, SANDIP

(57) Abstract:

ABSTRACT: The invention relates to a ready to use, non-aqueous pharmaceutical compositions comprising voriconazole or its pharmaceutically acceptable salts thereof. The invention also relates to a process for preparation of a ready to use, non-aqueous pharmaceutical composition comprising voriconazole a pharmaceutically acceptable salt thereof, wherein the composition is preferably administered intravenously.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : CORE STABILISATION IN COMPOSITE SANDWICH STRUCTURE BY INTRODUCING AN ADHESIVE LAYER

(51) International classification	:B23P	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :AIRCRAFT RESEARCH AND
(33) Name of priority country	:NA	DESIGN CENTRE, DESIGN COMPLEX, MARATHALLI
(86) International Application No	:NA	POST, BANGALORE-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)C. KUPPURAJ (DGM)
(61) Patent of Addition to Application Number	:NA	2)PRASHANTH AN MANAGER (DESIGN)
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Sandwich composite parts like doors/covers are used in the fighter aircrafts because of excellent bending stiffness to weight ratio. These door/covers opened & closed in Replacement of the LRUs and other Systems, either periodically or daily inspection as part of the maintenance procedure. Majority of them are interchangeable parts, therefore dimensional accuracy is more important. As the design point of view, aerodynamic loads are distributed through these structures to the airframe at joints, fasteners points and hinges. The distance between fastener point to core ramp starting point is of importance while transferring Bending load from sandwich composite structure to airframe. This critical distance needs to be maintained with tight tolerance. By core stabilisation process core movement or core crushing can be prevented there by the critical distance between fastener point to core start point can be achieved. This is also helpful in achieving the interchangeability of these parts.

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

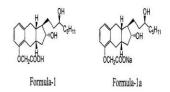
(22) Date of filing of Application :19/06/2013 (43) Publication Date : 30/10/2015

 $(54) \ Title \ of the invention: NOVEL\ PROCESS\ FOR\ THE\ PREPARATION\ OF\ (1R, 2R, 3AS, 9AS)-[[2,3,3A,4,9,9A-HEXAHYDRO-2-HYDROXY-1-[(3S)-3-HYDROXYOCTYL]-1H-BENZ[F]INDEN-5-YL]ACETIC\ ACID$

(51) I (1101144/00	(71)N 6 A V 4
(51) International classification	:H01M4/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)MUPPA KISHORE KUMAR
Filing Date	:NA	3)MUDDASANI RAMAKRISHNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a novel process for the preparation of (lR,2R,3aS,9aS)-[[2,3,3a,4,9,9a-Hexahydro-2-hydroxy-l-[(3S)-3-hydroxyoctyl]-lH-benz[f]inden-5-yl] oxy]acetic acid represented by structural formula-1 and its pharmaceutically acceptable acid addition salts, preferably its sodium salt represented by structural formula-la.



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

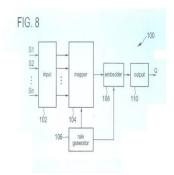
(22) Date of filing of Application :18/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TRANSMISSION AND RECEIVER APPARATUS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:15/10/2010 :WO 2011/048020 A1	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 KONAN, MINATO-KU, TOKYO 108-0075 Japan (72)Name of Inventor: 1)NABIL SVEN LOGHIN 2)LOTHAR STADELMEIER 3)JORG ROBERT
(86) International Application No	:PCT/EP2010/065507	(72)Name of Inventor:
Filing Date	:15/10/2010	1)NABIL SVEN LOGHIN
(87) International Publication No.	:WO 2011/048020	2)LOTHAR STADELMEIER
(87) International Lubication No	A1	3)JORG ROBERT
	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a transmission apparatus and a corresponding method for transmitting data within a data transmission system, comprising an apparatus for mapping error correction code encoded time-domain data of at least two mapping input data streams (SI, S2,..., Sn) onto a time-domain mapping output data stream (Q) having a frame structure and a transmitter unit (46) for transmitting said mapping output data stream (Q). The apparatus (100) for mapping comprises a data input (102), a data mapper (104) for mapping the data blocks (DI, D2, ..., DN) of at least two mapping input data streams (SI, S2, ..., Sn) onto frames of said mapping output data stream (Q), and a data output (110) for outputting said mapping output data stream (Q). The present invention further relates to a corresponding receiver apparatus and method.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10868/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RADAR DEVICE

(51) International classification	:G01S7/40,G01S7/02	(71)Name of Applicant:
(31) Priority Document No	:2010-161799	1)Panasonic Corporation
(32) Priority Date	:16/07/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/003786	(72)Name of Inventor:
Filing Date	:01/07/2011	1)KISHIGAMI Takaaki
(87) International Publication No	:WO 2012/008110	2)MUKAI Hirohito
(87) International Fublication No	A1	3)NAKAGAWA Yoichi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To appropriately calculate and correct the amount of phase shift in the phase component of a correlation value between a receipt signal received by each of a plurality of receiver antennas and a transmission signal with minimal influence on measurement performance and to thereby inhibit a degradation in accuracy in estimating the angle of arrival of a target. The disclosed technique involves: transmitting a signal intermittently according to a transmission cycle consisting of a predetermined transmission period and a non transmission period; receiving the signal reflected from a target with receiver antennas which are selected in turn by a switch section; and detecting the target from the reflected signal. A high frequency transmission signal attenuated during the transmission period and a receipt signal received during the non transmission period by a selected receiver antenna are combined together. A correlation value between a reference transmission signal which is identical to the transmission signal and the receipt signal in the combined signal is calculated and the amount of phase shift in an arbitrarily chosen receiver antenna is calculated from the correlation value of a reference receiver antenna which is one of the plurality of said receiver antennas and the correlation values of the other receiver antennas. The phase component of the correlation value of the arbitrarily chosen receiver antenna is corrected on the basis of the amount of phase shift.

No. of Pages: 102 No. of Claims: 13

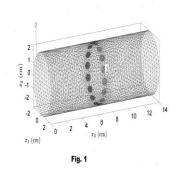
(22) Date of filing of Application :11/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: THREE DIMENSIONAL IMAGING OF A MASS FLOW

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:29/09/2010 :WO 2011/039416 A1 :NA :NA	(71)Name of Applicant: 1)OUTOTEC OYJ Address of Applicant: RIIHITONTUNTIE 7 02200 ESPOO Finland (72)Name of Inventor: 1)KAIPIO, JARI 2)LEHIKOINEN, ANSSI 3)VOUTILAINEN, ARTO 4)VAUHKONEN, MARKO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for determining the electrical conductivity of a mass flow in a three dimensional target volume (2) comprises the steps of placing electrodes (3) in a measuring connection with the target volume; supplying alternating voltage or alternating current to the target volume between two of the electrodes (3) and measuring the current or the voltage between two of the electrodes (3); determining a state space model which defines the relationships between the electrical conductivity, the voltage and the current in the target volume (2) and which also defines the evolution of the electrical conductivity as a function of time; comparing the currents and/or the voltages according to the state space model with the supplied and the measured ones; and modifying as needed the state space model to decrease the differences between the calculated and the measured results. According to the present invention, the electrodes (3) are placed substantially within one plane (4); and the state space model is determined so as to comprise the time-dependent flow field of the mass flow within the target volume (2). Fig: 1.



No. of Pages: 40 No. of Claims: 13

(22) Date of filing of Application :22/06/2009 (43) Publication Date : 30/10/2015

(54) Title of the invention: ROTATIONAL FORCE TRANSMITTING PART

(51) International classification	:G03G21/18	(71)Name of Applicant:
(31) Priority Document No	:2006-346191	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:22/12/2006	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:PCT/JP07/75366	(72)Name of Inventor:
Filing Date	:25/12/2007	1)UENO, TAKAHITO
(87) International Publication No	:WO	2)MIYABE, SHIGEO
(07) International Laboration 140	2008/081966 A1	3)MORIOKA, MASANARI
(61) Patent of Addition to Application Number	:NA	4)HISANO, MASATO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rotating force transmitting part for an electrophotographic photosensitive drum for a main 5 assembly of the electrophotographic image forming apparatus, wherein the main assembly of the electrophotographic image forming apparatus includes a driving shaft, to be driven by a motor, having the rotating force applying portion, and wherein the 10 electrophotographic photosensitive drum is dismountable from the main assembly of the electrophotographic image forming apparatus in a direction substantial perpendicular with an axial direction of the driving shaft, the rotating force 15 transmitting part includes—a coupling member engageable with the rotational force applying portion to receive a rotational force for rotating the electrophotographic photosensitive drum in the state in which electrophotographic photosensitive drum is 20 mounted to the main assembly of the electrophotographic image forming apparatus, wherein the coupling member being capable of taking a rotational force transmitting angular position for transmitting the rotational force for rotating the 25 electrophotographic photosensitive drum to the electrophotographic photosensitive drum and a disengaging angular position in which the coupling 283 member is inclined away from the axis of the electrophotographic photosensitive drum from the rotational force transmitting angular position, wherein when the process cartridge is dismounted from 5 the main assembly of the electrophotographic image forming apparatus in a direction substantially perpendicular to the axis of the electrophotographic photosensitive drum, the coupling member moves from the rotational force transmitting angular position to 10 the disengaging angular position.

No. of Pages: 392 No. of Claims: 57

(21) Application No.1040/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : IDENTIFICATION OF CELLULOLYTIC MICROORGANISM CONTAMINATION IN FOOD AND OTHER MATERIALS

		(71)Name of Applicant :
(51) International classification	:C12N	1)Empire Technology Development LLC
(31) Priority Document No	:NA	Address of Applicant: 2711 Centerville Road Suite 400
(32) Priority Date	:NA	Wilmington DE 19808 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Ayyappan NAIR
Filing Date	:NA	2)Ramya GOVINDASWAMY
(87) International Publication No	: NA	3)Sunilkumar SUKUMARAN
(61) Patent of Addition to Application Number	:NA	4)Madhuri SUBBIAH
Filing Date	:NA	5)Kannan THANUKRISHNAN
(62) Divisional to Application Number	:NA	6)Ganesh SAMBASIVAM
Filing Date	:NA	7)Ravindra CHANDRAPPA
		8)Ajay BHARADWAJ

(57) Abstract:

ABSTRACT Compositions kits and methods for detecting cellulolytic microorganisms in a sample are disclosed herein. In some embodiments cellulolytic microorganisms are detected by detecting the presence of a secreted enzyme such as but not limited to cellobiohydrolase.

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

(22) Date of filing of Application :26/05/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: A FLUORESCENT-ASSISTED BAR-CODING SYSTEM AND METHOD FOR CHARACTERIZING, AUTHENTICATING AND BARCODING INDIVIDUAL SAMPLES

(51) International classification	:G01N31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHROMOUS SEEDS PVT LTD
(32) Priority Date	:NA	Address of Applicant :#842, 3RD FLOOR,
(33) Name of priority country	:NA	SAHAKARBHAVAN, A BLOCK, SAHAKARNAGAR,
(86) International Application No	:NA	BANGALORE - 560 092 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. KIRAN V. HEDGE
(61) Patent of Addition to Application Number	:NA	2)DR. BISWAJIT ROY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The embodiments of the present invention provide a next generation genotyping technology, fluorescent assisted DNA bar-coding (FAB) technology for characterizing, authenticating and barcoding individual biological samples ranging from microbes to higher organisms. The fluorescent probe based DNA bar-codes generate genetic profiles covering > 1,000 loci. The developed bar codes are universal in nature. The fluorescent assisted bar-coding technology has a specific protocol. The isolated genome and fluorescent labeled probes are subjected to PCR. After PCR, the genome profiles are resolved by capillary electrophoresis. The gene bands are analyzed by GeneMapper software. The barcode is deduced from three independent genetic profiles using three different probes. Each probe represents more than 350 loci of the genome. The barcode is based on the numbers and sizes of fluorescent labeled fragments present in each profile.

No. of Pages: 68 No. of Claims: 20

(22) Date of filing of Application :16/04/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: COMPOSITE PANEL HAVING BONDED NONWOVEN AND BIODEGRADABLE RESINOUS FIBER LAYERS AND METHOD OF CONSTRUCTION THEREOF

(51) International classification :B32B5/02,B32B5/16,B32B27/00 (71) Name of Applicant: (31) Priority Document No :61/384521

:NA

(32) Priority Date :20/09/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/052334

:20/09/2011 Filing Date

(87) International Publication :WO 2012/040189

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

Filing Date (62) Divisional to Application :NA Number

Filing Date

1)FEDERAL MOGUL POWERTRAIN INC.

Address of Applicant :26555 Northwestern Highway

Southfield MI 48033 U.S.A.

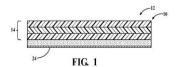
(72)Name of Inventor: 1)POPPE Clayton

2)DALY Marc

3)ARD Katherine

(57) Abstract:

A composite panel having bonded nonwoven and biodegradable resinous fiber layers and method of construction thereof is provided. The panel includes a nonwoven mat including cardboard and heat bondable textile fibers thermally bonded together to a desired thickness. The panel further includes a biodegradable polymeric composition comprising a protein and a first strengthening agent bonded to the mat.



No. of Pages: 44 No. of Claims: 37

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TWO-ROTOR HYBRID DEVICE

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date SNA SOB TEMIROV Rainzaii Csinanovich Address of Applicant: Vidadi str. 50 Baku 370009 Azerbaijan. Azerbaijan (72)Name of Inventor: 1)GOYTEMIROV RAMZAN USMANOVICH SNA SNA SNA SNA SNA SNA SNA SNA SNA SN	 (33) Name of priority country (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 :PCT/AZ2009/000008 :06/10/2009 : NA :NA :NA	Azerbaijan. Azerbaijan (72)Name of Inventor:
---	---	--	--

(57) Abstract:

The present invention of two-rotor hybrid device (THD) relates to machinery engineering and is directed to increase its technological effectiveness, efficiency, power density, smooth work, convenience in exploitation and repair, to decrease price of the vehicle. The peculiarity of cinematics of the movement transforming mechanism allows to provide work of the THD engine without big losses of the linear mechanic power in the upper dead point (UDP), and therefore increase its efficiency. That is why THD is created on the base of orbital rotor • internal combustion engine with new cinematics of movement forms transformation. Its usage namely provides composite action of electric and mechanic compound force elements of THD: two-in-one that increases under-cowling part of the car. The possibility of controllable deceleration of THD rotors in the working cycle without interruption of power train work, allows to provide quick transmission of electric and/or mechanic power to the drive of vehicle, correct work of drive depending on the load on the main shaft of the engine, its rotation frequency. Due to this control the increased efficiency and THD life, fuel saving, and also convenience in driving vehicle and its manoeuvrability are achieved. Due to the presence of curved ribs and also blow-through channels with outlet tubes on the lateral surfaces of each rotor of THD, the rotors can self-cool during its rotation, even if the vehicle stays still, that allows to perform heat elimination from THD without compulsory cooling systems. The THD of different variants of embodiment may perform different functions: of direct drive (wheel) of vehicle, of rotor for electric generator. While mounting on the rotors ship drives comprising propellers with blades, the THD allows to provide direct reverse transmission, change of the ship floating direction. The shown aggregation of the essential features, characterizes the advantage of THD before other existing hybrid devices. The models and experimental industrial samples of some variants of THD are manufactured. Even on this level they demonstrate not only working capacity, but also effective reliability. Moreover, all the samples work without compulsory cooling systems, they self-cool, simultaneously with THD work, without overheating

No. of Pages: 30 No. of Claims: 6

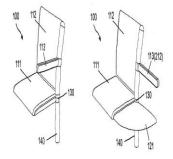
(22) Date of filing of Application :11/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: VARIABLE SEATING - ROTATABLE

(51) International classification(31) Priority Document No(32) Priority Date	:B61D :102012103137.1 :12/04/2012	(71)Name of Applicant: 1)BOMBARDIER TRANSPORTATION GMBH Address of Applicant: SCHONEBERGER UFER 1, 10785
(33) Name of priority country	:Germany	BERLIN Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SIEGEMUND, THOMAS
(87) International Publication No	: NA	2)SOHN, MICHAEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Passenger seating mechanism for vehicles, railroad-car with a passenger seating mechanism and process for matching of the seating place available of a railroad-car/train A passenger seating-mechanism for vehicles, especially railroad-cars/trains with at least one first seat (111,112) permanently mounted in the vehicle, and at least one second seat (121) movable relative to first seat (111,112), which is linked/jointed to the first seat (111, 112) is proposed. The second seat (121). The second seat (121) is rotatable/pivoting around a rotating-axis (130) running somewhat perpendicular relative to the first seat (111, 112) between a first position in which the second seat (121) can be tucked in the area of the first seat (111,112), and a second position in which the second seat (121) is available or use by a passenger. Figures 1A and IB



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: THERMAL EROSION TESTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)WESTERN MICHIGAN UNIVERSITY RESEARCH FOUNDATION Address of Applicant: 1903 WEST MICHIGAN AVENUE, KALAMAZOO, MICHIGAN 49008 U.S.A. (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA : NA :NA :NA	1)SAM N. RAMRATTAN
Filing Date	:NA	

(57) Abstract:

A thermal erosion tester, comprising a rotating heated element, which is adapted to contact a sand specimen placed in the thermal erosion tester, a heating element to heat the rotating heated element, and a motor to drive rotation of the rotating heated element, wherein the rotating heated element is adapted to contact the sand specimen while the rotating heated element is rotating, causing erosion of the sand specimen, and a method of testing thermal erosion, and a method of testing erosion of a sand specimen when it is in contact with a heated element.

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

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: PLANTS WITH ENHANCED YIELD RELATED TRAITS AND PRODUCING METHOD THEREOF

(51) International classification	:C12N	(71)Name of Applicant: 1)BASF PLANT SCIENCE COMPANY GMBH
(31) Priority Document No	:61/358428	Address of Applicant :67056 Ludwigshafen Germany
(32) Priority Date	:25/06/2010	2)CROP FUNCTIONAL GENOMICS CENTER
(33) Name of priority country	:U.S.A.	3)BASF (CHINA) COMPANY LIMITED
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHIN Jeong Sheop
(87) International Publication No	: NA	2)JUNG Kwang Wook
(61) Patent of Addition to Application Number	:NA	3)PARK Youn II
Filing Date	:NA	4)SONG Ji Young
(62) Divisional to Application Number	:NA	5)KIM Ju Kon
Filing Date	:NA	6)CHOI Yang Do
-		7)REUZEAU Christophe

(57) Abstract:

Methods for enhancing various economically important yield related traits in plants by modulating expression in a plant of a nucleic acid encoding a LEJI (Loss of timing of ET and JA biosynthesisI) polypeptide ExbB polypeptide NMPRT(nicotinamide phosphoribosyltransferase) polypeptide AP2 26 like polypeptide or HD8 like polypeptide are provided. Plants produced by the methods are also provided which have enhanced yield related traits relative to corresponding wild type plants or other control plants. Constructs comprising a nucleic acid encoding a LEJI ExbB NMPRT AP2 26 like or HD8 like polypeptide and uses thereof are provided.

No. of Pages: 246 No. of Claims: 108

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

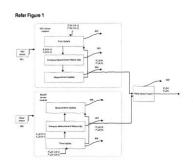
(43) Publication Date: 30/10/2015

(54) Title of the invention : A NOVEL SYSTEM AND METHOD FOR COMPUTING THE ACCURATE POSITION AND VELOCITIES OF A GROUND MOVING OBJECT USING RADAR AND IRST SENSOR MEASUREMENTS FOR ACCURATE OBJECT TRACKING

(51) International classification	:G01S	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LIMITED
(32) Priority Date	:NA	Address of Applicant :GENERAL MANAGER, MCSRDC
(33) Name of priority country	:NA	DIVISION, HINDUSTAN AERONAUTICS LIMITED,
(86) International Application No	:NA	VIMANAPURA POST, BANGALORE - 560 017 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SINGH ABHISHEK
Filing Date	:NA	2)KUMAR PRASHANT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Military aircraft are equipped with variety of sensors. This invention provides a unique way of fusing ground moving object tracks as observed from radar and IRST sensor. Radar is having better range accuracies and IRST is having good angular accuracies. Based on the sensor measurements, the ground moving objects states i.e position velocity and acceleration in x,y,z directions are corrected. The corrected states based on Radar and IRST observation are fused and the best possible estimates for the ground moving object is obtained. This helps the user to accurately track the moving object on ground.



No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :30/06/2009 (43) Publication Date : 30/10/2015

(54) Title of the invention: INCREMENTALLY UPDATING AND FORMATTING HD-DVD MARKUP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/12/2007 :WO 2008/085722 :NA :NA	(71)Name of Applicant: 1)MICROSOFT CORPORATION., Address of Applicant:ONE MICROSOFT WAY, REDMOND, WASHINGTON 98052-6399 U.S.A. (72)Name of Inventor: 1)DEAGUERO, JOEL 2)DAVIS, JEFFREY,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems, methods, and/or techniques (tools) for incrementally updating and formatting high-definition digital versatile disk (HD-DVD) markup are described herein. The tools may receive first markup representing a first scene description to be read from a HD-DVD, and may map the first markup into a first area composite for presentation to a user. The tools may then receive second markup representing a second scene description to be read from the HD-DVD. In response to receiving the second markup, the tools may incrementally remap a portion of the first scene description into a second area composite for presentation to the user.

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

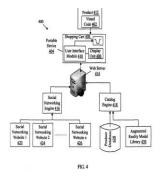
(22) Date of filing of Application :24/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHODS, SYSTEMS AND COMPUTER-READABLE MEDIA FOR AUGMENTED REALITY SHOPPING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International 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,G06F17/60 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INFOSYS LIMITED Address of Applicant: IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100 Karnataka India (72)Name of Inventor: 1)JAI GANESH 2)SAIKAT CHATTERJEE 3)TARUN PRAKASH SHARMA 4)MANMOHAN NAIR
--	---	---

(57) Abstract:

The present invention provides a method and system for augmented reality shopping. A visual code of the product can be scanned by a portable device. A set of information can be extracted by a web server, whereby the set of information can include a set of providers, offering the product within a location of the portable device. A provider of the product can be selected by a comparing module, where the provider offers a best price of the product. The product as offered by the selected provide/ can be added to a shopping cart. Ref. FIG. 4



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

(22) Date of filing of Application :28/06/2013

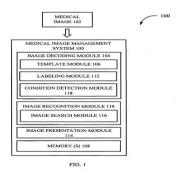
(43) Publication Date: 30/10/2015

(54) Title of the invention : MEDICAL IMAGING MANAGEMENT SYSTEM FOR MEDICAL IMAGE STORAGE, RETRIEVAL AND ANALYSIS

(51) International classification	·G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ASWATHA NARAYANA, BALAJI
(87) 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 medical imaging apparatus having multiple image projecting units for projecting images for a subject to view is disclosed. The medical imaging apparatus is present in a scanning room for performing imaging of the subject. The medical imaging apparatus includes a table for holding the subject. The table along with the subject is facilitated by an image capturing subsystem to pass there through for capturing medical images of the subject. The multiple image projecting units are configured within the image capturing subsystem for projecting images to one or more of walls of the scanning room and an inner surface of the image capturing subsystem. FIG. 1



No. of Pages: 30 No. of Claims: 18

(22) Date of filing of Application :29/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: III NITRIDE LAYER GROWN ON A SUBSTRATE

(51) International :H01L33/00,H01L21/02,C30B25/18

classification
(31) Priority Document No :61/409149
(32) Priority Date :02/11/2010
(33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2011/054755

No :25/10/2011

Filing Date (87) International Publication :WO 2012/059843

(61) Patent of Addition to

Application Number :NA

Application Number :NA
Filing Date :NA

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

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

1)GARDNER Nathan Fredrick

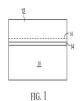
2)GOETZ Werner Karl

3)GRUNDMANN Michael Jason 4)MCLAURIN Melvin Barker 5)EPLER John Edward 6)CAMRAS Michael David

7)STERANKA Frank Michael

(57) Abstract:

3nsubstratelayersubstratesubstratelayerIn a method according to embodiments of the invention a III nitride layer is grown on a substrate. The substrate is RA0(MO) where R is selected from Sc In Y and the lanthanides; A is selected from Fe (III) Ga and A1; M is selected from Mg Mn Fe (II) Co Cu Zn and Cd; and n is an integer = 1. In some embodiments $[(|a\ a|)/a]$ 100% is no more than 1% where a is an in plane lattice constant of the substrate and a is a bulk lattice constant of the III nitride layer. In another method according to embodiments of the invention a III nitride layer is grown on a substrate. The substrate is a non III nitride material. The III nitride layer is a ternary quaternary or quinary alloy. The III nitride layer is thick enough to be mechanically self supporting and has a low defect density.



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

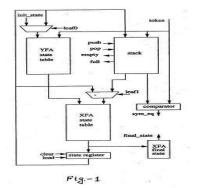
(22) Date of filing of Application :20/09/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMPROVED XML ACCELERATOR AND METHOD FOR HARDWARE IMPLEMENTATION OF TREE AUTOMATA FOR XML PROCESSING

(71) I	COCE	
(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SATYAM COMPUTER SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :UNIT N. 12, PLOT NO. 35/35, HI-
(33) Name of priority country	:NA	TECH CITY LAYOUT, SY.NO.64, MADHAPUR - 500 081
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)REETINDER PAL SINGH SIDHU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Abstract I) AN IMPROVED XML ACCELERATOR AND A METHOD FOR HARDWARE IMPLEMENTA-TION OF TREE AUTOMATA FOR XML PRO-CESSING lb meet the challenging requirements of fast XML processing, this re¬port describes a hardware based, high throughput, area efficient and robust approach to XML parsing. A key advantage is the use of tree grammars/automata which provide a powerful, simple and theoreti¬cally sound formalism for XML processing that can be extended in a relatively straightforward manner to other XML processing tasks such as query and transform. Further, the developed parser is more effi¬cient compared to LL/LR parsers typically used if the CFG (Context Free Grammar) formalism is chosen. The efficiency of the approach is demonstrated by an XML parser implementation which is quite com¬pact and operates at a sustained throughput in excess of 1 Gbps. For the first time, hardware implementation of tree automata has been used for XML processing including parsing, schema validation and query op¬erations. Figure 1



No. of Pages: 36 No. of Claims: 7

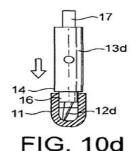
(22) Date of filing of Application :17/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHODS AND APPARATUSES •

(51) International classification	:G01N 33/543, C12Q 1/68, A61B 10/00	(71)Name of Applicant: 1)LGC LIMITED
(31) Priority Document No	:1010237.4	Address of Applicant :Queens Road Teddington Middlesex
(32) Priority Date	:18/06/2010	TW11 0LY Great Britain U.K.
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:PCT/GB2011/051133	1)DEBENHAM Paul Gerald
Filing Date	:17/06/2011	2)MOORE David John
(87) International Publication No	:WO/2011/158037	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for amplifying nucleic acid from a higher eukaryotic such as mammalian or plant nucleic acid source the method comprising (a) contacting a sampling device with the source of higher eukaryotic such as mammalian or plant nucleic acid such that following said contacting higher eukaryotic such as mammalian or plant nucleic acid-containing material is adhered to at least part of the sampling device wherein the sampling device or part thereof to which the nucleic acid-containing material is adhered is made of a suitable polymeric material; (b) introducing the sampling device or part thereof to which the nucleic acid-containing material is adhered into a reaction vessel which contains a reaction mixture for carrying out a nucleic acid amplification reaction without any prior treatment of the nucleic acid-containing material; and (c) performing a nucleic acid amplification reaction. Figure 10d



No. of Pages: 79 No. of Claims: 58

(21) Application No.2356/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: MAIN LANDING GEAR PITCH DAMPER

(51) International classification	:B64C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :AND DESIGN CENTRE (ARDC),
(33) Name of priority country	:NA	DESIGN COMPLEX, MARATHALLI POST, BANGALORE -
(86) International Application No	:NA	560 037. Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)A. PRABAKARAN
(61) Patent of Addition to Application Number	:NA	2)S. SREENIVASA
Filing Date	:NA	3)M.T. SUDEEP
(62) Divisional to Application Number	:NA	4)K.B. SUDEEP
Filing Date	:NA	5)K. GOPI

(57) Abstract:

Nose bobbing is generally observed phenomenon during aircraft taxi over rough runway surfaces. There are multitudes of reasons for this phenomenon. However, nose landing gear stiffness & damping characteristics is generally considered the main contributing factor. During taxi of an aircraft the commonly encountered stroke velocities are around 0.3 to 0.4 m/sec. Hence, lesser the damping achievable at these stroke velocities during taxi, aircraft is more prone to have nose bobbing. To study the landing gear behaviors and aircraft response, landing gears were instrumented to capture vital design parameters. It is observed that, Main Landing Gear damping characteristic has significant role in alleviating nose bobbing in an aircraft. This invention aims at introducing a damper valve in the Main Landing Gear shock absorber to minimize aircraft nose bobbing.

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

(22) Date of filing of Application :01/05/2012

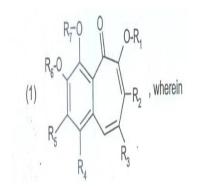
(43) Publication Date: 30/10/2015

(54) Title of the invention : STABILIZATION OF HOUSEHOLD, BODY-CARE AND FOOD PRODUCTS BY USING BENZOTROPOLONE CONTAINING PLANT EXTRACTS AND/OR RELATED BENZOTROPOLONE DERIVATIVES

(51) International classification	:A61K 8/00	(71)Name of Applicant :
(31) Priority Document No	:09172338.7	1)BASF SE
(32) Priority Date	:06/10/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/064809	1)WAGNER, BARBARA
Filing Date	:05/10/2010	2)REICH, OLIVER
(87) International Publication No	:WO 2011/042423	3)MANTLER, ALEXANDER
(67) International Lubication 140	A2	4)OHRLEIN, REINHOLD
(61) Patent of Addition to Application	:NA	5)FISCHER, WALTER
Number	:NA	6)SCHNEIDER, ALBERT
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is the use of benzotropolone derivatives of formula R1, R2 and R7 independently from each other are hydrogen; C1-C3alkyl; or COR8; R3 is hydrogen; or COOR9 R4 is hydrogen; or C1-C3alkyl; R5 is hydrogen; hydroxy; C1-C3-alkoxy; or -O-(CO)-R10; R6 is hydrogen; C1-C3alkyl; or COR8; or R5 and Re together may form a five or six membered ring; or R6 and R7 together form a five or six membered ring; and R8, R9, R10 independently of each other are C1-C30alkyl; for protecting body-care and household products from photolytic and oxidative degradation.



No. of Pages: 61 No. of Claims: 23

(22) Date of filing of Application :07/05/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention : SEPARATION MEDIA AND METHODS ESPECIALLY USEFUL FOR SEPARATING WATER-HYDROCARBON EMULSIONS HAVING LOW INTERFACIAL TENSIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 2011/042605 A1 :NA :NA :NA	(71)Name of Applicant: 1)AHLSTROM CORPORATION Address of Applicant:SALMISAARENAUKIO 1, FI-00180 HELSINKI Finland (72)Name of Inventor: 1)PANGESTU, FARINA 2)STANFEL, CHRISTINE
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Separation media, separation modules and methods are provided for separating water from a water and hydrocarbon emulsion and include a fibrous nonwoven coalescence layer for receiving the water and hydrocarbon emulsion and coalescing the water present therein as a discontinuous phase to achieve coalesced water droplets having a size of 1 mm or greater, and a fibrous nonwoven drop retention layer downstream of the coalescence layer having a high BET surface area of at least 90 m1/g or greater sufficient to retain the size of the coalesced water droplets to allow separation thereof from the hydrocarbon.

No. of Pages: 41 No. of Claims: 18

(22) Date of filing of Application :31/03/2009 (43) Publication Date : 30/10/2015

(54) Title of the invention: SEAL FILM FOR SOLAR CELL MODULE AND SOLAR CELL MODULE UTILIZING 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 	:27/08/2007 :WO 2008/029651 A1 :NA :NA	(71)Name of Applicant: 1)TORAY INDUSTRIES, INC Address of Applicant:1-1, NIHONBASHI MUROMACHI 2- CHOME, CHUO-KU, TOKYO 103-8666 Japan (72)Name of Inventor: 1)MIYAJI, SHINICHIRO 2)NOGUCHI, MASAKAZU 3)KAWAJI, NAOKI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An object of the present invention is to provide a seal film for solar cell module further excelling in long-term reliability and solar cell module using the same. The excellence in long-term reliability is achieved by using a PPS film excell ing in heat resistance and hydrolysis resistance in at least a portion of the solar cell seal film to thereby not only reinforce the seal film against deterioration by external environment but also to prevent deterioration of the gas barrier property thereof due to long-term use having been a problem of the prior art so as to attain well-balanced environmental resistant properties (heat resistance, hydrolysis resistance, weather resistance, chemical resistance, and the like). Provided is a seal film for solar cell module including a resin film layer including a biaxially oriented film layer formed of a resin composition containing poly-p-phenylene sulfide as a major component; and a gas barrier layer formed of at least one selected from the group consisting of a metal, a metal oxide, an inorganic compound, and an organic compound. In the seal film for solar cell module, longitudinal and width direction heat shrink ratios at 150°C of the seal film for solar cell module both fall within a range of -2 . 0% to +2.0%, and an absolute value of a difference between the longitudinal and width direction heat shrink ratios at 150°C is 2.0% or less.

No. of Pages: 78 No. of Claims: 5

(22) Date of filing of Application :07/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : NON-ALCOHOLIC VACCINE COMPOSITIONS FREE FROM ANIMAL ORIGIN AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARAT BIOTECH INTERNATIONAL LIMITED
(32) Priority Date	:NA	Address of Applicant :Genome Valley Turkapally
(33) Name of priority country	:NA	Shameerpet Hyderabad Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KRISHNA MURTHY ELLA
(87) International Publication No	: NA	2)VENKATESAN RAMASAMY
(61) Patent of Addition to Application Number	:NA	3)MANDALAPU GANGADHARA NAIDU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Vaccine compositions and processes for culturing the pathogenic bacteria containing virulent polysaccharides in animal free culture medium isolation purification of polysaccharides and polysaccharide-protein conjugate without employing alcohol for preparing immunogenic formulations. The immunogens obtained from the process of the invention were formulated and do not contain any sources of animal-origin and alcohol excipients

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

(22) Date of filing of Application :07/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: THROUGH SILICON VIA WITH IMPROVED RELIABILITY

(51) International :H01L21/768,H01L23/48,H01L23/498

(31) Priority Document No :12/945700 (32) Priority Date :12/11/2010 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2011/055129

Application No
Filing Date

C1/03201

:06/10/2011

(87) International Publication No :WO 2012/064435

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)XILINX INC.

Address of Applicant :2100 Logic Drive San Jose CA 95124

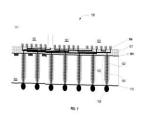
U.S.A.

(72)Name of Inventor: 1)RAHMAN Arifur

2)BANIJAMALI Bahareh

(57) Abstract:

A semiconductor device includes a substrate (105) having a top surface (109) and a bottom surface (1 10) and a through silicon via (TSV) (103) extending from the top surface (109) of the substrate (105) to the bottom surface (1 10) of the substrate (105) the TSV (103) having a height and a side profile extending along a longitudinal axis (200) where the side profile has an upper segment (201 21 1 301 401 501 601) forming a first angle relative to the longitudinal axis (200) and a lower segment (202 212 302 402 502 603) forming a second angle relative to the longitudinal axis (200) where the second angle is different than the first angle and where the lower segment (202 212 302 402 502 603) has a height that is less than 20% of the height of the TSV (103).



No. of Pages: 19 No. of Claims: 15

(21) Application No.4823/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PHYTOREMEDIATION OF HEAVY METALS (CADMIUM) USING EPIPREMNUM AUREUM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B09C :NA :NA :NA	(71)Name of Applicant: 1)BINOD SINGH ASHISH KUMARI Address of Applicant: BUSINESS CENTER, INNOVATOR BLOCK, ITPB, WHITEFIELD, BANGALORE 560 066
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BINOD SINGH
(61) Patent of Addition to Application Number	:NA	2)ASHISH KUMARI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed herein is the use of Epipremnum aureum for cadmium phytoremediation and provides evidence of phytoremediation of contaminated media such as water contaminated with cadmium. The present invention also discloses method of phytoremediation of contaminated media such as soils contaminated with Cadmium.

No. of Pages: 25 No. of Claims: 9

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: TOOL MOUNTING STATE DETECTION DEVICE IN MACHINE TOOL AND MACHINE TOOL

(51) International classification	:B23Q17/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 118817	1)HOWA MACHINERY, LTD Address of Applicant:1900-1,Sukaguchi, kiyosu-shi, Aichi-
(32) Priority Date	:24/05/2012	ken, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kazuaki SERIZAWA
Filing Date	:NA	
(87) 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 tool mounting state detection device in a machine tool including a draw bar configured to clamp or unclamp a tool on or from the front end of the main spindle extending in a back and forth direction; the tool mounting state detection device being capable of detecting a clamping state where the tool is clamped on the main spindle, an unclamping state where the tool is unclamped from the main spindle and a tool not-mounting state where the tool is not mounted on the main spindle, respectively, the tool mounting state detection device comprising; a movable body made of magnetic metal and fixed to the draw bar, the movable body being configured to be moved in the back and forth direction; a sensor including an excitation coil for generating an eddy current in the movable body, the sensor being configured to detect electric characteristics of the excitation coil which are varied by the eddy current with the movement of the movable body; and a determination means configured to determine, based on the electric characteristics detected by the sensor, whether the mounting state of the tool is any of the clamping state, the unclamping state, the tool not-mounting state, or an undefined state.

No. of Pages: 46 No. of Claims: 10

(21) Application No.2666/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: SMART ARIFOIL

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

(57) Abstract:

An unsymmetrical airfoil structure utilizes the augmented air momentum around the airfoil and increased camber length to provide effective lift force relative to the airplane. The primary lift generated by the air momentum, increases the Aircraft performance. A secondary force generated by the increased camber length, improves the reliability of the aircraft components. In a preferred form, the primary additional lift produced by circumferendally surrounded air momentum of an airfoil, includes two electrodes, corona electrode and collector electrode, helps to increases the range and endurance of an airplane. The secondary lift force produced by the structural deformation, includes temperature-responsive polymer, a kind of smart materials undergoes changes upon external stimuli, helps to improve reliability of the structure. The electrodes at the leading edge and trailing edge generates a high intensity flux, ionize the air particle and attracts the negatively charged ions (- ions) respectively. Besides the electrodes, an ultra-FAIMS microchip is placed, observes the positively charged ions (+ ions). A miniature sized thermo-electric generator supports to provide electricity to the electrode by withdrawing heat from the engine combustion chamber.

No. of Pages: 14 No. of Claims: 9

(21) Application No.3957/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: MELT DEVOLATILIZATION EXTRUSION PROCESS

(51) International classification:B29C47/76,C08L23/16,B29K7/00 (71)Name of Applicant:

(31) Priority Document No :61/407,946 (32) Priority Date :29/10/2010

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

(86) International Application :PCT/US2011/055856

:12/10/2011 Filing Date

(87) International Publication :WO 2012/058002 A1

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

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

(57) Abstract:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

(72) Name of Inventor:

1)KIM Eung Kvu

2)BEAUDOIN Daniel A.

3)BARGER Mark A.

devolatilized in a devolatilizing extruder. The thermally sensitive polymer is blended with a second polymer which does not contain polymerizable carbon carbon unsaturation or more than 5% by weight aliphatically bound halogen and which has a molecular weight of from 25 000 to 175 000. The blend is then devolatilized in the extruder to produce a devolatilized polymer blend. Thermal degradation of the thermally sensitive polymer is minimized in this process.

Thermally sensitive polymers containing polymerizable carbon carbon unsaturation and/or aliphatically bound halogen are

No. of Pages: 34 No. of Claims: 23

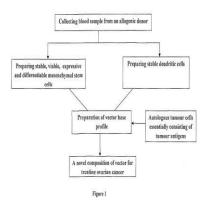
(22) Date of filing of Application :03/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ALLOGENIC MESENDRITIC VECTOR FOR OVARIAN CANCERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61K :NA :NA :NA :NA	(71)Name of Applicant: 1)SUBHADRA DRAVIDA Address of Applicant: PLOT NO. 237, JUBILEE HILLS, ROAD NO. 36, HYDERABAD - 500 033 Andhra Pradesh India 2)KRISHNA SWAROOP REDDY
Filing Date	:NA :NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUBHADRA DRAVIDA
(61) Patent of Addition to Application Number	:NA	2)KRISHNA SWAROOP REDDY
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention recommends a new approach of allogenic dendritic-stem cell vaccine platform to treat all kinds of ovarian cancers. It proposes the abundant allogenic donated cord blood source to harvest both dendritic special type and mesenchymal stem cells equilibrated package primed with patients tumour antigens for a targeted treatment regime. The individual roles of dendritic cells and mesenchymal stem cells in immunomodulation is exploited in developing this new combinatorial platform of cellular vectors for targeted killing of tumour cells in the patients body. The source proposed here in developing the technology is a biological discard and is available in profusion for proposed clinical application. Figure 1



No. of Pages: 22 No. of Claims: 9

(21) Application No.1584/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RAPID GROWTH OF THIN AND FLEXIBLE ORGANIC SEMICONDUCTOR SINGLE CRYSTALS USING MODIFIED SOLUTION TECHNIQUE

(57) Abstract:

The invention relates to a method for growing a thin and flexible organic molecular semi conductor single crystal from organic semiconductor compound. The process comprises of preparing saturated solution of organic melted crystalline nucleus of the organic semiconductor in carbon disulphide solvent at 30°C. Then the temperature of the saturated solution is increased to 35°C followed by cooling the saturated solution at the cooling rate of 10°C/hour to form crystalline nuclei at around 27°C in the solution. The growth of the crystal is continued gradually and securely in the solution at predetermined temperature gradient. Finally the grown single crystals from the solution are extracted to obtain thin and flexible organic molecular semi conductor single crystal.

No. of Pages: 11 No. of Claims: 7

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : WEIGHT OF WHEEL (WOW) SIMULATION BOX TO SIMULATE WOW WITHOUT JACKING UP THE AIRCRAFT

(51) International classification	:B64C13/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(33) Name of priority country	:NA	LIMITED, AIRCRAFT RESEARCH AND DESIGN CENTRE
(86) International Application No	:NA	(ARDC), DESIGN COMPLEX, MARATHALLI POST,
Filing Date	:NA	BANGALORE - 560 037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)P.R. UPADHYA
Filing Date	:NA	2)YADAIAH ANANTHOLLA
(62) Divisional to Application Number	:NA	3)MINUSHREE MISHRA
Filing Date	:NA	

(57) Abstract:

In Aircraft, weight off wheel (WOW) signal is being used by many systems viz. Flight Control System, Mission Computer, Armament System, Brake System, etc. In order to carry out weight off wheel checks on ground of any of the system above, it is necessary to jack up the a/c. This activity required 2-3 hours of work and is quite cumbersome. WOW Simulation Box has been fabricated to avoid jacking up of the aircraft to test aircraft systems in weight off wheel condition. On the aircraft there are three connectors for Nose, LH and RH Weight on wheel. The WOW Simulation box is fabricated with three connectors for Nose, LH and RH Weight on wheel respectively. To simulate Weight off Wheel on ground, the aircraft connectors are demated from the aircraft micro switches and mated with the WOW box connectors. There are 3 switches on the box one each for Nose, LH and RH WOW. Each switch has two positions viz. Air and Ground. Depending on the requirement, the particular WOW (Nose, LH or RH) can be simulated for Air (Weight off Wheel condition) or Ground (Weight on Wheel Condition). The WOW simulation box can be used for simulating Weight off Wheel condition for all the systems requiring WOW condition. This box is colored red and will be placed on ground near the Aircraft. A harness linking the box and WOW connectors is also provided The above scheme also involves demating the existing aircraft WOW connectors & mating the link harness connector for WOW simulation. After the tests, the link harness has to be demated and the aircraft connectors to be mated. A provision has been made in the box to store the link harness when not in use. Routine Functional Tests (RFT) which needs weight off wheel signal can be carried out using this simulation box. This WOW simulation box is also been used for testing of In flight Engine Relight simulation on ground. This is a significant simulation test done on the ground to evaluate the performance of aircraft systems during In-flight restarting.

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

(22) Date of filing of Application :13/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A SYSTEM AND AMETHOD FOR REGISTRATION OF DEVICES IN A PLANT

(57) Abstract:

ABSTRACT A SYSTEM AND A METHOD FOR REGISTRATION OF DEVICES IN A PLANT The invention relates to a system for registration of devices. The system of the invention has one or more devices for registration in a network, and an engineering tool for providing one or more secure registration data required for registering the devices securely. The system also has a certification module for validating the one or more secure registration data and registering the one or more devices. The invention also relates to a method for registration of devices by the system of the invention. Fig.1

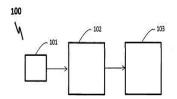


Fig. 1

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

(22) Date of filing of Application :03/03/2010

(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD OF IDENTIFYING INDIVIDUALS AT RISK OF THIOPURINE DRUG RESISTANCE AND INTOLERANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:07/08/2008 :WO 2009/020403 A1 :NA	(71)Name of Applicant: 1)UNIVERSITY OF OTAGO Address of Applicant: LEITH STREET, DUNEDIN New Zealand (72)Name of Inventor: 1)ROBERTS, REBECCA LEE 2)GEARRY, RICHARD BLAIR 3)BARCLAY, MURRAY LINDSAY 4)KENNEDY, MARTIN ALEXANDER
(61) Patent of Addition to Application		

(57) Abstract:

The invention relates to methods and kits for identifying individuals at risk of thiopurine drug intolerance based on detecting the presence of mutations in the TPMT gene promoter associated with thiopurine drug resistance or intolerance.

No. of Pages: 41 No. of Claims: 31

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 30/10/2015

$(54) \ Title \ of the \ invention: IMPROVED \ PROCESS \ FOR \ THE \ PREPARATION \ OF \ L-MONOVALINE \ ESTERS \ OF \ PURINE \ DERIVATIVES$

 (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 	:C07D473/18 :NA	(71)Name of Applicant: 1)MYLAN LABORATORIES LTD Address of Applicant:PLOT NO 564/A/22, ROAD NO 92, JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh India (72)Name of Inventor: 1)ABBINENI, JYOTHIBASU 2)KONUDULA, BABU RAO 3)KODALI, HARI PRASAD 4)KARROTHU, SRIHARI BABU 5)PANGA, RAJA RADDY 6)KOTA, SATISH 7)PEDDINITI, VENKATA RAGHAVA BALAJI 8)BYRAPUNENI, VENKATA SUBBA RAO 9)KANNEBOINA, KOTESWARA RAO 10)KARNAM, VIJAY KUMAR
---	---	--

(57) Abstract:

ABSTRACT Improved process for the preparation of L-monovaline esters of purine derivatives. The present invention relates to an improved process for the preparation of pure mono protected L-valine ester of ganciclovir and its further conversion to Valganciclovir Hydrochloride. Further, the present invention relates to an improved process for the preparation of Valganciclovir hydrochloride having less content of guanine and ganciclovir.

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

(22) Date of filing of Application :28/06/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention : ELECTROPHOTOGRAPHIC PHOTOSENSITIVE MEMBER, PROCESS CARTRIDGE, AND ELECTROPHOTOGRAPHIC APPARATUS

	:G03G5/09,	(71)Name of Applicant :
(51) International classification	G03G5/06,	1)CANON KABUSHIKI KAISHA
	G03G5/14	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(31) Priority Document No	:2012-	OHTA-KU, TOKYO Japan
(31) Friority Document No	147159	(72)Name of Inventor:
(32) Priority Date	:29/06/2012	1)SEKIYA, MICHIYO
(33) Name of priority country	:Japan	2)SEKIDO, KUNIHIKO
(86) International Application No	:NA	3)OKUDA, ATSUSHI
Filing Date	:NA	4)TOMONO, HIROYUKI
(87) International Publication No	: NA	5)NAKAMURA, NOBUHIRO
(61) Patent of Addition to Application Number	:NA	6)ITO, YOTA
Filing Date	:NA	7)KAKU, KENICHI
(62) Divisional to Application Number	:NA	8)ISHIDUKA, YUKA
Filing Date	:NA	

(57) Abstract:

An electrophotographic photosensitive member has a laminated body and a hole transporting layer formed on the laminated body, wherein the laminated body has a support, an electron transporting layer and a charge generating layer in this order, and satisfies the following expressions (2) and (4): $|V12 - V11| < 0.35 \dots (2) 0.10 < |(Vd2 - V13) / Vd2| < 0.20 \dots (4)$.

No. of Pages: 138 No. of Claims: 11

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MAKING AND USING A SELF SEALING FASTENER

(51) International classification: F16B19/04,F16B33/06,B64C1/12 (71) Name of Applicant: (31) Priority Document No :61/409388 (32) Priority Date :02/11/2010 (33) Name of priority country :U.S.A. (86) International Application :PCT/US2011/058959 No

:02/11/2011 Filing Date

(87) International Publication :WO 2012/061498

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

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

1) SYSTEMS AND MATERIALS RESEARCH

CORPORATION

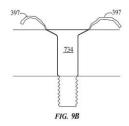
Address of Applicant :Ste 230 1300 W. Koenig Ln Austin

Texas 78756 U.S.A. (72) Name of Inventor:

1)BRAY Alan V. 2) DEPPE Denise 3)SCHMIDT Gary 4)IRVIN David J.

(57) Abstract:

An apparatus for making and using a fastener suitable for use in airplane manufacture or repair that is coated with a pre mixed moisture cure sealant. The sealant layer is coated with a frangible moisture barrier that will break apart when the fastener is installed thus exposing the sealant to a moisture source. Once exposed to moisture the sealant will begin to cure. Preferred embodiments also provide a premature cure indicator that provides a visual indication that the outer moisture resistant layer has been damaged.



No. of Pages: 54 No. of Claims: 35

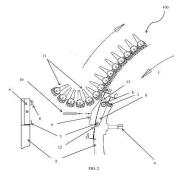
(22) Date of filing of Application :16/11/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : AN APPARATUS FOR REGULATING A WORKING GAP IN A CARDING MACHINE AND THE METHOD THEREOF \bullet

(51) International classification	:D01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKSHMI MACHINE WORKS LTD.
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DHARMAM DAVID
(87) International Publicat on 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 apparatus (100) for regulating a working gap in a carding machine comprising: a carding cylinder (1) rotating in a predetermined direction; flats assembly (11) revolving above the carding cylinder (1); a covering element (9) provided over the carding cylinder (1); a cylinder-bend (2) provided for mounting the covering element (9) wherein, a split segment (6) is provided in the cylinder-bend (2). FIG. 2



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

(21) Application No.5130/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CRYSTALLINE OLANZAPINE PAMOATE

(51) Intermetional alassification	.C07D	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VELLANKI, SIVA RAMA PRASAD
(61) Patent of Addition to Application Number	:NA	2)BALASU, RAJA BABU
Filing Date	:NA	3)PILLI, RAMAKRISHNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel crystalline form of olanzapine pamoate and process for the preparation of crystalline olanzapine pamoate form-l, wherein olanzapine base is treated with pamoic acid in a solvent to get olanzapine pamoate salt, which is further suspended in an alcohol solvent, followed by stirring, filtration to get anhydrous crystalline olanzapine pamoate polymorphic form-l.

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

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HAIR THICKNESS ASSESSMENT METER/DEVICE

(51) International classification	:G01B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CAVINKARE PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :CAVIN VILLE, NO.12, CENOTAPY
(33) Name of priority country	:NA	ROAD, CHENNAI - 600 018 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAJAM, SRIDHAR
(87) International Publication No	: NA	2)MUKHOPADHYAY, TRIPTI KUMAR
(61) Patent of Addition to Application Number	:NA	3)VENUGOPAL, SHOBHA
Filing Date	:NA	4)NARAYANAN, MEENAKSHI
(62) Divisional to Application Number	:NA	5)THIAGARAJAN, LAKSHMI
Filing Date	:NA	6)DANIEL, AUGUSTUS

(57) Abstract:

ABSTRACT TITLE: HAIR THICKNESS ASSESSMENT METER/DEVICE A ready and user friendly hair thickness assessment meter/device which would enable user to self monitor and ascertain the extent of hair thinning or growth or possible maintenance of hair thickness. The hair thickness assessment meter according to a basic embodiment is integrally formed of a flexible thickness assessing portion adapted for flexibly wrapping around circumference of a bunch of hair on head for which the thickness is to be assessed. The hair thickness assessment meter would enable a person to readily monitor from time to time the conditions of the hair thickness and would benefit them in ascertaining the conditions of loss or growth and maintenance of hair over time and advantageously would facilitate such monitoring of hair conditions even for illiterate persons and therefore can be used by person from all walks of life. Figure 4

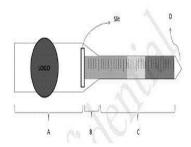


Figure 4

No. of Pages: 39 No. of Claims: 26

(22) Date of filing of Application :01/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : COATED MESOFLOWERS FOR MOLECULAR DETECTION AND SMART BARCODE MATERIALS

(51) International classification	:C12Q1/68	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Indian Institute of Technology Madras
(32) Priority Date	:NA	Address of Applicant :Chennai, Tamil Nadu 600036, India
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THALAPPIL, Pradeep
(87) International Publication No	: NA	2)PANIKKANVALAPPIL RAVINDRANATHAN, Sajanlal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Coated mesoflower are described including: a metallic mesoflower having a first surface and including at least one protrusion terminating in a tip; and a nonmetallic coating covering and substantially conformal to the first surface, thereby creating an outer surface of the coated mesoflower.

No. of Pages: 40 No. of Claims: 10

(21) Application No.4163/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PRESS BOND TERMINAL AND METHOD FOR PRESSING AND BONDING TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:25/10/2010 :WO 2011/058872 A1	(71)Name of Applicant: 1)YAZAKI CORPORATION Address of Applicant: 4-28, MITA 1-CHOME, MINATO-KU, TOKYO Japan (72)Name of Inventor: 1)SHINMI, YOSHIFUMI
· /		
Filling Date		1)SHINNI, TOSHIFUNI
(87) International Publication No		
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An object of the invention is to improve electrical connection performance by increasing a pressure of contact between an electric wire and a terminal. A conductor press bond part (11) of a terminal is formed in substantially a U-shaped cross section opened upward by a base plate (11A) and a pair of conductor crimp pieces (11B, 11B) extended upward from both right and left lateral edges of the base plate (11A). A range from the base plate (11 A) to the root of the pair of conductor crimp pieces (11B, 11B) is formed as a curved wall (11H) with substantially a circular arc shape, and when a radius of curvature of an inner surface of the curved wall (11H) is R and a radius of a conductor of the electric wire is r, the curved wall is set so as to satisfy R<r. In the case of pressing and bonding this terminal to the electric wire, the conductor (Wa) of the electric wire is inserted between the pair of conductor crimp pieces (11B, 11B) and by a press bond operation of a lower mold (101) and an upper mold (102) of a press bond device in its insertion state, the pair of conductor crimp pieces (11B, 11B) is inward rounded to be crimped so as to wrap the conductor (Wa) with the base plate (11 A).

No. of Pages: 21 No. of Claims: 2

(22) Date of filing of Application :04/07/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: PRETENSIONER DEVICE AND SEAT BELT DEVICE

(51) International classification	:B60R22/46	(71)Name of Applicant:
(31) Priority Document No	:2011019701	1)ASHIMORI INDUSTRY CO. LTD.
(32) Priority Date	:01/02/2011	Address of Applicant :10 18 Kitahorie 3 chome Nishi ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5500014 Japan
(86) International Application No	:PCT/JP2012/050060	(72)Name of Inventor:
Filing Date	:05/01/2012	1)MIYOSHI Hiroyuki
(87) International Publication No	:WO 2012/105278	2)KIM Do Shik
(61) Patent of Addition to Application	:NA	3)LEE Byung Jin
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the present invention a cylindrical space and a gas introduction space connecting one end of the cylindrical space are formed in a pretensioner body and an blocking end having a first through hole is provided so as to block the gas introduction space. A piston can move inside the cylindrical space and a connecting member connected to the piston extends from the gas introduction space through the first through hole and is led out to the outside. An elastic seal element is provided on the inner surface side of the blocking end and has a second through hole which allows the passage of the connecting member. A gas shock absorbing element is provided so as so sandwich together with the blocking end the elastic seal element and has a third through hole formed with a size and form conforming to the shape and size of the cross section of the connecting member.

No. of Pages: 46 No. of Claims: 8

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTROL METHOD FOR HYBRID VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:B60W20/00 :NA :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED Address of Applicant: JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country		(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)SURAJIT DAS
(61) Patent of Addition to Application Number	:NA	2)V RAMALINGAM
Filing Date	:NA	3)SAMRAJ JABEZ DHINAGAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a hybrid vehicle employing an electronic controller which detects a gradient or a slope and changes the vehicle drive mode automatically. The controller measures vehicle rpm and throttle position continuously from a position sensor and a throttle position sensor respectively and then compares the measured value of vehicle rpm for a corresponding measured value of throttle position with stored values of rpm for corresponding stored values of throttle position. Based on this, the controller automatically changes the vehicle drive mode on a gradient or slope.

No. of Pages: 18 No. of Claims: 3

(22) Date of filing of Application :26/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : HAVING AN ELECTRODE CORROSION PREVENTING LAYER AND A METHOD FOR MANUFACTURING THE COMPONEN

(51) International classification (71)Name of Applicant: :B23K1/20 :5019/CHENP/2013 (31) Priority Document No 1)TANIGUROGUMI CORPORATION (32) Priority Date Address of Applicant: 1100, Shiobara, Nasushiobara-shi, :24/12/2013 (33) Name of priority country Tochigi 3292921 Japan :Argentina :PCT/JP2012/069773 (72)Name of Inventor : (86) International Application No Filing Date :02/08/2012 1)TANIGURO, Katsumori (87) International Publication No :WO/2014/020751 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a method for manufacturing a component having an electrode corrosi³n preventing layer by performing the low-cost, high-yield and highly reliable soldering, can be provided. The method for manufacturing a component includes: a step of preparing component 10 having electrode 2; a step of contacting first organic fatty acd-containing solution 3a with electrode 2; a step of adhering first molten solder 5a onto electrode 2 by contacting first molten solder 5a with electrode 2; a step of ejecting a gas flow or a liquid flow to adhered first molten solder 5a to remove excess first molten solder 5a in first molten solder 5a adhered onto electrode 2; and a step of cooling electrode 2 from which excess first molten solder 5a has been removed to less than a melting point of first molten solder 5a. First molten solder 5a includes a component forming electrode corrosi³n preventing layer 4 made of an intermetallic compound layer on a surface of electrode 2 by reacting with a component included in electrode 2, and the contact of first molten solder 5a with electrode 2 is performed by allowing a liquid flow of first molten solder 5a to collide with or spread over electrode 2 while moving component 10.

No. of Pages: 116 No. of Claims: 13

(21) Application No.5254/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: POLYCRYSTALLINE SILICON PORTION AND METHOD FOR BREAKING A SILICON BODY

(51) International classification	:G01N3/00	(71)Name of Applicant :
(31) Priority Document No	:10 2011	1)WACKER CHEMIE AG
(31) Thomas Document No	089 356.3	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737
(32) Priority Date	:21/12/2011	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)FABRY, LASZLO
Filing Date	:NA	2)GRUBL, PETER
(87) International Publication No	: NA	3)HUBER, CHRISTIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a polycrystalline silicon portion having at least one fracture surface or cut surface, which comprises metal contamination of from 0.07 ng/cm2 to 1 ng/cm2. The invention also relates to a method for breaking a silicon body, preferably a rod of polycrystalline silicon, comprising the steps: a) determining the lowest natural bending frequency of the silicon body; b) exciting the silicon body in its lowest natural bending frequency by means of an oscillation generator, the excitation being carried out at an excitation point of the silicon body such that the silicon body breaks at the excitation point; so that a silicon portion having a fracture surface results which comprises metal contamination of from 0.07 ng/cm2 to 1 ng/cm2.

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

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 30/10/2015

$(54) \ Title \ of the invention: PROCESS \ FOR \ THE \ PREPARATION \ OF \ 4-[[4-[[4-[(E)-2-CYANOETHENYL]-2,6-DIMETHYLPHENYL]AMINO]-2-PYRIMIDINYL]AMINO] BENZONITRILE \ MONOHYDROCHLORIDE$

(51) I	G05D 220 /00	
(51) International classification	:C07D239/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAIAH
Filing Date	:NA	3)VENKATESH MUMMADI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to processes for the preparation of 4-[[4-[[4-[(E)-2-cyanoethenyl]-2,6-dimethylphenyl]amino]-2-pyrimidinyl]amino]benzonitrile represented by the following structural formula-1 and its pharmaceutically acceptable acid-addition salts.

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

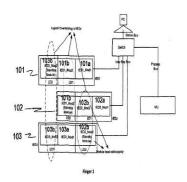
(22) Date of filing of Application :28/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A METHOD AND A SYSTEM FOR IMPROVING SYSTEM RELIABILITY IN A SUBSTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H02B13/00 :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)ABB RESEARCH LTD. Address of Applicant: AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland (72)Name of Inventor: 1)SENTHIL KUMAR SUNDARAM 2)SASI KUMAR 3)VIVEK GOPALAKRISHNAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)VIVEK GOPALAKRISHNAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A METHOD AND A SYSTEM FOR IMPROVING SYSTEM RELIABILITY IN A SUBSTATION The invention presents a method for transferring control between a first intelligent electronic device (IED) and a second intelligent electronic device where a module of the first intelligent electronic device has a corresponding redundant module in the second intelligent electronic device. The corresponding redundant function is configured for invoking by exchange of preconfigured messages in the substation communication network and relieving the first device from the at least one function by having a coordinated transfer of control to the corresponding redundant function in the second device on exchange of preconfigured messages in the substation communication network. Figure 1



No. of Pages: 16 No. of Claims: 7

(21) Application No.143/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : A METHOD TO CONTROL AND MANAGE CASTOR WEED IN URBAN AND AGRICULTURAL LANDS

(51) International classification	:B60B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NAYEEM ULLAH KHAN
(32) Priority Date	:NA	Address of Applicant :#10, 4TH CROSS, K-S, LAYOUT,
(33) Name of priority country	:NA	OPP. DAYANANDA SAGAR COLLEGE BANGALORE-
(86) International Application No	:NA	560078 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)A. SHARMILA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Castor is an obnoxious weed in urban areas (vacant sites). Though the problem is less acute in agricultural lands, the weed could still be a problem there, depending upon nitrogen fertilizers used. The weed vigorously grows in urban areas due to effective dispersal of its seed. In this invention seed germination of the weed is controlled by a simple method (0.1% of NaCl solution in 400g of soil). O.lmg/gm of NaCl solution soil treatment is spread over 4days per sqmt (40, 20-day old plants after germination of 30cm height each) of the site for controlling the weed. Key Words: sodium chloride, control weed

No. of Pages: 4 No. of Claims: 5

(22) Date of filing of Application :08/07/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING METHOD

(51) International classification	:G06F	(71)Name of Applicant:
(21) Priority Dogument No.	:2012-	1)CANON KABUSHIKI KAISHA
(31) Priority Document No	155530	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:11/07/2012	OHTA-KU, TOKYO 146-8501 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MASANORI MATSUZAKI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An image processing apparatus according to the present invention includes an image forming unit configured to form an image, a measuring unit configured to measure the formed image, a control unit configured to control execution of a single-color calibration to be performed to correct reproduction characteristics of a single-color formed by the image forming unit based on a measuring result of a single-color image formed with a single-color recording agent and execution of a multi-color calibration to be performed to correct reproduction characteristics of a multi-color image formed by the image forming unit based on a measuring result of a multi-color formed with a plurality of recording agents, and a selection unit configured to select whether to cause the control unit to perform the multi-color calibration after completing the | single-color calibration or cause the control unit to perform any one of the single-color calibration and the multi-color calibration.

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

(21) Application No.5028/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: ILLUMANATE PEN

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)R.R. ANANTH
(32) Priority Date	:NA	Address of Applicant :TYPE-III, C-4, PONDICHERRY
(33) Name of priority country	:NA	UNIVERSITY QUARTERS, PONDICHERRY UNIVERSITY,
(86) International Application No	:NA	PUDUCHERRY - 605 014 Pondicherry India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R.R. ANANTH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT Generally pens are used to write on paper. In this world, so much of pens are available. Normal pen can not write at night. I invented ILLUMiNATE PEN. This pen is used to write at night. This pen contain small illuminate lamp with electric battery. The illuminate lamp can illuminate the light with the help of electric battery. This pen is used to write on the paper at night and also used to read at night.

No. of Pages: 5 No. of Claims: 3

(21) Application No.5145/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: RUBBER TILES PRESSURE BAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E04F :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHOUKKATH ALI.N.K. Address of Applicant: S/O MOIDEEN, NAMBODAN KUTTI KUNIYIL HOUSE, (IZZATH MAHAL), MUTTUNGAL PO, VATAKARA 673 106 Kerala India (72)Name of Inventor: 1)SHOUKKATH ALI.N.K.
---	---	---

(57) Abstract:

A rubber tile presser bar is a new standard and technical product for tile fixing comprising a rectangular shaped rubber bar having 700 kilogram standard weight 13 inch length, 1.5 thickness and 2.5 width for effective use of the device provided with grips on both sides of the rubber tile presser due to which there is no chance of tiles being slided away, but it helps to joining the tile effectively and quickly.

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

(21) Application No.5749/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING AND/OR RECEIVING ADVERTISEMENT AND DATA CONTENTS AND PROVIDING MULTIPLE VALUE ADDED SERVICES ON ELECTRONIC COMMUNICATION DEVICE WITH DISPLAY MECHANISEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:29/12/2011 : NA	(71)Name of Applicant: 1)EYAD ALI MOHAMMAD AL QALQILI Address of Applicant: TECOM, IRISE TOWER OFFICE 8C7, P.O. BOX 6191 Jordon 2)BASEL NASRI MOSHTAHA (72)Name of Inventor: 1)EYAD ALI MOHAMMAD AL QALQILI 2)BASEL NASRI MOSHTAHA
	: NA :NA :NA	2)BASEL NASRI MOSHTAHA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The embodiments herein provide a method and system for sending data content and advertising and providing value added services on a user screen of a mobile device and any electronic device. The method comprises installing software application on the user device for sending and/or receiving content and utilizing the value added services. An Application Server provides business logic and responds to all requests. An Application Programmable Interface Server integrates with content delivery platforms in a communication network. A Community Server integrates with service provider servers at emergency response centers, transportation centers and hospitals to send subscriber service request to these centers. A Web Server forwards all requests to the application server. A Database Server stores subscriber profiles. A Statistics Server generates reports and statistics of usage and subscribers interactions. An Administration Server uploads, schedules, plans, and provides content and services and views logs of all transactions.

No. of Pages: 66 No. of Claims: 35

(21) Application No.332/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :24/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: OVERLOAD PROTECTION

(51) International classification(31) Priority Document No(32) Priority Date	:F16H57/00 :13/484,226 :30/05/2012	l '
(33) Name of priority country	:U.S.A.	LAFAYETTE, INDIANA 47903 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CARLTON, KENNETH E.
(87) International Publication No	: NA	2)BUUCK, DENNIS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An overload protection device in combination with a prime mover and gearbox transmission supplies torque through a gearbox transmission to a load. An input shaft with is driven by the prime mover and rotates therewith. An external spline on the input shaft mates with an input gear having an internal spline. Upon overload of the gearbox transmission, the input shaft fractures an annular groove in the input shaft. A bushing prevents travel of the portion of the input shaft which is driven by the prime mover and which continues to spin after the fracture.

No. of Pages: 61 No. of Claims: 6

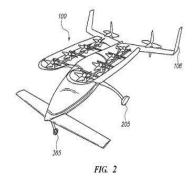
(22) Date of filing of Application :18/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: PERSONAL AIRCRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/365761 :19/07/2010 :U.S.A.	(71)Name of Applicant: 1)ZEE.AERO INC. Address of Applicant:2700 Broderick Way Mountain View CA 94043 U.S.A. (72)Name of Inventor: 1)KROO Ilan
(87) International Publication No	:WO 2012/012474	
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	

(57) Abstract:

A safe quiet easy to control efficient and compact aircraft configuration is enabled through the combination of multiple vertical lift rotors tandem wings and forward thrust propellers. The vertical lift rotors in combination with a front and rear wing permits a balancing of the center of lift with the center of gravity for both vertical and horizontal flight. This wing and multiple rotor system has the ability to tolerate a relatively large variation of the payload weight for hover transition or cruise flight while also providing vertical thrust redundancy. The propulsion system uses multiple lift rotors and forward thrust propellers of a small enough size to be shielded from potential blade strike and provide increased perceived and real safety to the passengers. Using multiple independent rotors provides redundancy and the elimination of single point failure modes that can make the vehicle non operable in flight.



No. of Pages: 22 No. of Claims: 7

(21) Application No.5909/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CYCLIC CARBONYL COMPOUNDS PREPARATIONS THEREOF AND POLYMERS 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 	:C08G :12/770,877 :30/04/2010 :U.S.A. :PCT/EP2011/056778 :28/04/2011 : NA	(71)Name of Applicant: 1)INTERNATIONAL BUSINESS MACHINES CORPORATION Address of Applicant: New Orchard Road Armonk New York 10504 United States of America. U.S.A. 2)CENTRAL GLASS CO LTD (72)Name of Inventor: 1)DANIEL PAUL SANDERS
· · ·		1` '

(57) Abstract:

A one pot method of preparing cyclic carbonyl compounds comprising an active pendant pentafluorophenyl carbonate group is disclosed. The cyclic carbonyl compounds can be polymerized by ring opening methods to form ROP polymers comprising repeat units comprising a side chain pentafluorophenyl carbonate group. Using a suitable nucleophile the pendant pentafluorophenyl carbonate group can be selectively transformed into a variety of other functional groups before or after the ring opening polymerization.

No. of Pages: 93 No. of Claims: 41

(22) Date of filing of Application :24/01/2013

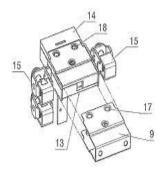
(43) Publication Date: 30/10/2015

(54) Title of the invention : SPARK GAP ARRANGEMENT COMPRISING TWO PREFERABLY FLAT OPPOSING ELECTRODES THAT ARE HELD APART IN A HOUSING BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2010 034 668.3 :18/08/2010 :Germany :PCT/EP2011/061915 :13/07/2011 :WO 2012/022548 :NA :NA	(71)Name of Applicant: 1)DEHN + S-HNE GmbH + Co. KG Address of Applicant: Hans Dehn Strae 1 92318 Neumarkt/Opf. Germany (72)Name of Inventor: 1)WAFFLER Michael 2)STRANGFELD Uwe
Filing Date	:NA	

(57) Abstract:

The invention relates to a spark gap arrangement comprising two preferably flat opposing electrodes (1) that are held apart in a housing body (13) said electrodes forming an arc combustion chamber and comprising a gas cooling and pressure compensating chamber that is connected to the arc combustion chamber. According to the invention the housing body (13) is formed from two half shells (14 16) each of which has first recesses that lie opposite each other in one plane for electrode connecting limbs (3) said limbs being connected to a connecting terminal (15) on the outside of the housing body. Each of the half shells (14 16) has a first space for receiving an insulating material support (11) for the electrodes (1) and a second space for receiving a cooling block (8) which has channels with a high heat capacity. Furthermore a U shaped clamp (9) that is connected to the half shells in a mechanical and pressure resistant manner is provided at least in the receiving region of the cooling block (8) such that said clamp encompasses the half shells (14 16) on the outside.



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

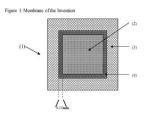
(22) Date of filing of Application :27/02/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: MEMBRANE STRUCTURE

(51) International classification	:H01M8/10,H01M8/02	(71)Name of Applicant:
(31) Priority Document No	:1012980.7	1)JOHNSON MATTHEY FUEL CELLS LIMITED
(32) Priority Date	:03/08/2010	Address of Applicant :5th Floor 25 Farringdon Street London
(33) Name of priority country	:U.K.	EC4A 4AB U.K.
(86) International Application No	:PCT/GB2011/051385	(72)Name of Inventor:
Filing Date	:21/07/2011	1)BARNWELL David Edward
(87) International Publication No	:WO 2012/017225	2)TREW Peter Antony
(61) Patent of Addition to Application	:NA	3)RALPH Thomas Robertson
Number	:NA	4)COLEMAN Robert Jeffrey
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A membrane suitable for use in a fuel cell wherein the membrane comprises: (a) a central region comprising an ion conducting polymeric material; (b) a border region which creates a frame around the central region and which consists of one or more non ion conducting materials wherein at least one of the one or more non ion conducting materials forms a layer; wherein the non ion conducting material of the border region overlaps the ion conducting polymeric material of the central region by 0 to 10mm in an overlap region is disclosed.



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

(21) Application No.2944/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: UNIFIED POLICY OVER HETEROGENOUS DEVICE TYPES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/10/2011 :WO 2012/058166 :NA :NA :NA	(71)Name of Applicant: 1)MICROSOFT CORPORATION Address of Applicant: One Microsoft Way Redmond Washington 98052 6399 U.S.A. (72)Name of Inventor: 1)NUKALA Chandrasekhar 2)CALLAGHAN David Michael
Filing Date	:NA	

(57) Abstract:

A system and method are disclosed for enforcing a normalized set of policy based behaviors across two or more disparate client devices. The policy definition can be a common description of expected behavior while a client side policy engine interprets and implements platform specific details associated with the client. In one embodiment a client device receives a generic policy definition from a network. The generic policy definition is applicable to disparate device types having different hardware and/or software platforms. A client policy engine can analyze the generic policy definition compare it to client side applications or functions and make intelligent decisions on how to apply the policy for the specific client.

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

(21) Application No.3022/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/09/2011

(43) Publication Date: 30/10/2015

(54) Title of the invention: CD PROTECTOR AND STANDING CD BOX

(31) Priority Document No (32) Priority Date (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 Filing Date :NA	ROAD) NIZAMABAD - 503 001 Andhra Pradesh India (72)Name of Inventor: 1) T. BHOOMAIAH CHARY
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

NA

No. of Pages: 6 No. of Claims: 3

(22) Date of filing of Application :08/05/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: CONTAINER FOR NONAQUEOUS ELECTROLYTE SOLUTION NONAQUEOUS ELECTROLYTE SOLUTION TO PUT IN CONTAINER AND METHOD FOR STORING NONAQUEOUS ELECTROLYTE SOLUTION

(51) International classification: H01M2/36,B67B1/00,H01G9/038 (71)Name of Applicant:

:WO 2012/063832

(31) Priority Document No :2010252726 (32) Priority Date :11/11/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/075750

:08/11/2011 Filing Date

(87) International Publication

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

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

1)UBE INDUSTRIES LTD.

Address of Applicant: 1978 96 Oaza Kogushi Ube shi

Yamaguchi 7558633 Japan (72) Name of Inventor:

1)ABE Koji 2)ITO Akikazu

(57) Abstract:

The present invention is a (1) container for nonaqueous electrolyte solutions constituted of a material that contains aluminum or an aluminum alloy layer and is a container that is filled with a nonaqueous electrolyte solution formed by dissolving and electrolyte salt in a nonaqueous solvent. The container has a resin cap and a intermediate plug and the water content of a nonaqueous electrolyte after 30 days of storage in the container is maintained at 50 ppm or less. The present invention is also (2) a nonaqueous electrolyte solution to be put in the container and (3) a method for storing nonaqueous electrolyte solutions. This container for nonaqueous electrolyte solutions prevents decomposition of the nonaqueous electrolyte solution during storage preserves high quality and is a lightweight container capable of easily and assuredly handling nonaqueous electrolyte solutions.

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

(21) Application No.5490/CHE/2012 A

(19) INDIA

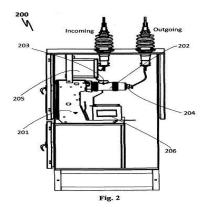
(22) Date of filing of Application :28/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A SWITHCHGEAR

(51) International classification	:H01H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABB TECHNOLOGY LTD.
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHUSHAN KULKARNI
(87) International Publication No	: NA	2)DUKKAIAPPAN SUBBIAH THEVAR
(61) Patent of Addition to Application Number	:NA	3)HRISHIKESH S BRAMHAPURIKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
•		•

(57) Abstract:

ABSTRACT A SWITCHGEAR The invention relates to a switchgear comprising a circuit breaker, a current transformer and a potential transformer. The current transformer and potential transformer are mounted on the circuit breaker in an integrated manner, and electrically connected therein with the circuit breaker. The circuit breaker comprises circuit breaker pole having one set of terminals positioned at a perpendicular relationship with the other set of terminals. Fig. 2



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

(22) Date of filing of Application :06/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR MANUFACTURING SUCCINIC ACID

(51) International classification(31) Priority Document No(32) Priority Date	:C12P :61/303767 :12/02/2010	(71)Name of Applicant: 1)PURAC BIOCHEM BV Address of Applicant: Arkelsedijk 46 NL 4206 AC Gorinchem
(33) Name of priority country (86) International Application No	:U.S.A.	Netherlands (72)Name of Inventor:
Filing Date	:14/02/2011 :WO2001/126123	1)GROOT Willem Jacob 2)VAN BREUGEL Jan
(87) International Publication No	A1	2) VAIN BREUGEL Jail
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention discloses a Process for the preparation of succinic acid comprising the steps of: a) providing an aqueous medium comprising magnesium succinate by fermentation wherein a carbohydrate source is fermented by means of a micro organism to form succinic acid a magnesium base being added as neutralising agent during fermentation to provide the magnesium succinate; b) subjecting the aqueous medium comprising magnesium succinate to a crystallisation step and a salt exchange step to provide an aqueous solution comprising a monovalent succinate salt wherein the salt exchange which is performed either prior to or after crystallisation comprises treating the magnesium succinate with a monovalent base to provide a magnesium base and the monovalent succinate salt; c) adjusting the concentration of the monovalent succinate salt in the aqueous solution to a value between 10 and 35 wt.%; d) subjecting the aqueous solution comprising the monovalent succinate salt to water splitting electrodialysis to produce a first solution comprising monovalent base and a second solution comprising succinic acid and monovalent succinate salt the electrodialysis being carried out to a partial conversion of 40 to 95 mole%; e) separating the second solution comprising succinic acid and monovalent succinate salt into succinic acid and a solution comprising the monovalent succinate salt by crystallisation; f) recycling the solution of step e) comprising the monovalent succinate salt to step d).

No. of Pages: 57 No. of Claims: 7

(21) Application No.1163/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/03/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : CD-BASED-CHALCOGENIDE/CDS CORE-SHELL NANOMATERIAL, DEFECTIVE CORE NANOCRYSTAL, METHODS AND APPLICATIONS THEREOF

(51) International classification	:H01L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAWAHARLAL NEHRU CENTRE FOR ADVANCED
(32) Priority Date	:NA	SCIENTIFIC RESEARCH
(33) Name of priority country	:NA	Address of Applicant :JAKKUR, BANGALORE 560 064
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RANJANI VISWANATHA
(61) Patent of Addition to Application Number	:NA	2)AVIJIT SAHA
Filing Date	:NA	3)KAVASSERY SURESWARAN NARAYAN
(62) Divisional to Application Number	:NA	4)KISHORE VELICHAPPATTU CHELLAPPAN
Filing Date	:NA	

(57) Abstract:

NA

No. of Pages: 52 No. of Claims: 24

(21) Application No.2656/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: TANDEM TYPE VANE COMPRESSOR

(51) International classification	·F04C28/06	(71)Name of Applicant:
	:2012-	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(31) Priority Document No	138722	Address of Applicant :2-1, TOYDA-CHO, KARIYA-SHI,
(32) Priority Date	:20/06/2012	AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KOBAYASHI, KAZUO
Filing Date	:NA	2)KAYUKAWA, HIROAKI
(87) International Publication No	: NA	3)SATO, SHINICHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tandem type vane compressor includes a housing, a rotary shaft accommodated in the housing, cylinder blocks accommodated in the housing, and partition walls arranged in an axial direction of the rotary shaft. Each cylinder block is located between an adjacent pair of the partition walls. The cylinder blocks and the partition walls define cylinder chambers in the housing. A rotor is accommodated in each of the cylinder chambers and rotates integrally with the rotary shaft. Each rotor includes a plurality of vane grooves. A vane is accommodated in each vane groove. Each adjacent pair of the vanes in each cylinder chamber defines a compression chamber that compresses refrigerant. The rotary shaft is rotationally supported by the partition walls. At least one of the partition walls is sandwiched by an adjacent pair of the cylinder chambers. At least one of the sandwiched partition walls is press-fit into the housing.

No. of Pages: 27 No. of Claims: 6

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : SKIN MATERIAL FOR THE CLAD MATERIAL HAVING AT LEAST ONE LAYER HAVING A CAST 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 Filed on

:B22C

:2005-356810

:09/12/2005 :Japan

:PCT/JP2006/324429

:07/12/2006

: NA

:NA

:NA

:2874/CHENP/2008

:07/12/2006

(71)Name of Applicant:

1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD)

Address of Applicant :10-26, WAKINOHAMA-CHO, 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan

(72)Name of Inventor:

1)TAKADA, MASAYUKI

2)NISHIOKA, YASUHIRO

3)NISHIMURA, TOMOHIRO

4)TOKUDA, KENJI

5)UEDA, TOSHIKI

6)MORISHITA, MAKOTO

7)INABA, TAKASHI

8)TSURUNO, AKIHIRO

9)KATO, YOSHINORI

10)KOSHIGOE, FUMIHIRO

11)TANIGAWA, MASAKI

12)SAKASHITA, NAOKI

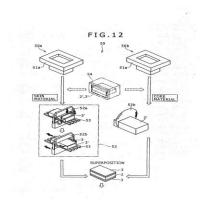
13)HARADA, KENJI

14)SHIKATA, JITSUTO

15)IKEDA, MASANORI

(57) Abstract:

Skin material for the clad material having at least one layer having a cast structure The present invention provides a method for manufacturing a clad material and the equipment for manufacturing the clad material, in which the productivity is excellent, the surface state and the flatness of the clad material can be readily controlled and the deterioration in adhesion rarely occurs in the clad material. The method for manufacturing the clad material composed of a core material and one or more skin materials which are superposed on either one or both faces of the core material includes: a clad material preparation process where an ingot for core material, which is manufactured by dissolving and casting a metal for skin material preparation process, and an ingot for skin material, which is manufactured by dissolving and casting a metal for skin material different from the core material in their component composition, in a skin material preparation process, are prepared, respectively; a superposition process where the ingot for skin material is superposed as a skin material at a predetermined position of either one or both faces of the ingot for core material to manufacture a superposed material; and a clad hot-rolling process where the superposed material is hot-rolled to manufacture a clad material. Figure 12



No. of Pages: 90 No. of Claims: 3

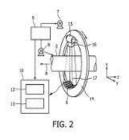
(22) Date of filing of Application :31/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMAGE PROCESSING APPARATUS FOR PROCESSING AN IMAGE

(51) International classification	:G06K9/00	(71)Name of Applicant:
(31) Priority Document No	:10163531.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:21/05/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2011/052137	Netherlands
Filing Date	:16/05/2011	(72)Name of Inventor:
(87) International Publication No	:WO/2011/145040	1)KOEHLER Thomas
(61) Patent of Addition to Application	:NA	2)BRENDEL Bernhard Johannes
Number	:NA	
Filing Date	.11/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an image processing apparatus (1) comprising an image providing unit (2) for providing a first image of an object and a second image of the same object and a filtering unit (3) which filters the first image depending on a first degree of similarity between image values of the first image and on a second degree of similarity between image values of the second image. This allows filtering the first image depending on the likeliness that image values belong to the same part of the object for example to tissue or to bone material of the object if the object is a human being or an animal even if due to noise the image values of one of the first image and the second image are disturbed thereby improving for example an edge preserving property of the filtering procedure. Fig.2



No. of Pages: 26 No. of Claims: 14

(21) Application No.5187/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN ENCODER MOUNTING 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 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS Address of Applicant :IIT P.O., CHENNAI - 600 036 Tamil Nadu India (72)Name of Inventor: 1)SANDIPAN BANDYOPADHYAY 2)R. ARUN SRIVATSAN 3)TARUN S MEHTA
Filing Date	:NA	3)TARUN S MEHTA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT The present invention relates to an encoder mounting assembly.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :05/07/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: SMOKELESS TOBACCO PACKAGING SYSTEM AND METHOD

(51) International :A24B13/00,A24F23/00,B65B63/02

classification (31) Priority Document No :61/421950

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

(86) International Application :PCT/US2011/064109

:09/12/2011 Filing Date

(87) International Publication :WO 2012/078960

(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)ALTRIA CLIENT SERVICES INC.

Address of Applicant :6601 West Broad Street Richmond

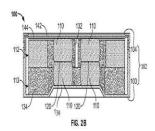
Virginia 23230 U.S.A. (72)Name of Inventor:

1)MACKO Jason Andrew 2)CLARK James Lindsay

3)BLACK Shannon Maxwell 4)CARROLL Andrew Nathan 5)JANARDHAN Srinivasan

(57) Abstract:

Some embodiments of a smokeless tobacco system include a container including a plurality of preformed smokeless tobacco products configured to generally retain their shape and integrity during processing shipping and consumer handling. One or more of the preformed smokeless tobacco products are compressed between a lid and a base of the container to hinder movement of the one or more preformed smokeless tobacco products within the container. Each preformed smokeless tobacco product can include a moist smokeless tobacco in combination with a selected binder such that the final product is configured to have material properties providing improved handling an improved mouth feel and a satisfying flavor profile. A method of forming and packaging the preformed smokeless tobacco products includes depositing shaped smokeless tobacco bodies into the container and closing the container prior to a relaxation of the shaped smokeless tobacco bodies into preformed smokeless tobacco products such that one or more of the preformed smokeless tobacco products become compressed between the lid and the base of the container.



No. of Pages: 40 No. of Claims: 49

(22) Date of filing of Application :29/08/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: HIGHLY FUNCTIONLA POLYETHYLENE FIBER EXCELLENT IN FORMING PROCESSABILITY

(51) International classification	:D01F6/04	(71)Name of Applicant:
(31) Priority Document No	:2010-035195	1)TOYO BOSEKI KABUSHIKI KAISHA
(32) Priority Date	:19/02/2010	Address of Applicant :2 8 Dojima Hama 2 Chome Kita ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5308230 Japan
(86) International Application No	:PCT/JP2011/051185	(72)Name of Inventor:
Filing Date	:24/01/2011	1)FUKUSHIMA Yasunori
(87) International Publication No	:WO	2)ODA Shoji
(67) International Laboration 140	2011/102186A1	3)HAMANO Akira
(61) Patent of Addition to Application	:NA	4)MASUDA Minoru
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a highly moldable high shrink polyethylene fiber that is highly resistant to cutting and has excellent low temperature workability. At the temperatures at which resulting products are used i.e. near room temperature the provided polyethylene fiber has excellent dimensional stability. Also said polyethylene fiber has a high contraction ratio and high stress when worked at temperatures much lower than the melting point of polyethylene. The limiting viscosity () of the provided polyethylene fiber is between 0.8 and 4.9 dL/g and the thermal stress thereof is at most 0.05 cN/dtex at 40°C and between 0.05 and 0.25 cN/dtex at 70°C. The repeating unit of said polyethylene fiber primarily comprises ethylene. Also provided are a string like material a rope a woven or knit material gloves and a protective cover using the provided polyethylene fiber.

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

(22) Date of filing of Application :05/11/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: EXHAUST PURIFICATION APPARATUS FOR ENGINE

(51) International classification	F01N3/08, F01N3/24, F01N3/36	(71)Name of Applicant: 1)UD TRUCKS CORPORATION Address of Applicant:1 Ooaza 1-chome Ageo-shi Saitama 362-8523 Japan Japan
(31) Priority Document No	:2010- 090439	(72)Name of Inventor : 1)Masakazu YANO
(32) Priority Date	:09/04/2010	2)Tomofumi NAKASHIMA
(33) Name of priority country	:Japan	3)Tomoyuki TAKEDA
(86) International Application No	:NA	4)Takafumi AMANO
Filing Date	:NA	
(87) 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:

Based on a dosing flow rate of a urea aqueous solution injected to an exhaust gas that flows at the exhaust upstream side of a SCR converter and a temperature of exhaust gas, a deposition amount of urea crystal to be deposited in an exhaust system per unit time is estimated. The exhaust system is located at the exhaust downstream side of an injecting point of the urea aqueous solution. Furthermore, by sequentially integrating the estimated deposition amount, an accumulation amount of the urea crystal accumulated in the exhaust system is estimated. In addition, an amount of the urea crystal to be removed from the exhaust system per unit time is estimated in accordance with the exhaust gas temperature. By sequentially subtracting the estimated amount of the urea crystal to be removed, from the accumulation amount of the urea crystal, the accumulation amount of the urea crystal remaining in the exhaust system is estimated. When the accumulation amount of the urea crystal is equal to or greater than a predetermined amount, a determination is made that a timing to forcefully remove the urea crystal accumulated in the exhaust system has arrived. Then, an alarming lamp is lightened, and a forceful removing processing is performed by raising the temperature of the above an elimination temperature of the urea crystal.

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

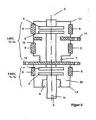
(22) Date of filing of Application :20/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: TAP CHANGER HAVING VACUUM INTERRUPTERS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:H01H9/00,H01H33/16,H01H33/664 :10 2011 008 959.4 :19/01/2011 :Germany :PCT/EP2012/000016 :04/01/2012 :WO 2012/097957 :NA :NA :NA	(71)Name of Applicant: 1)MASCHINENFABRIK REINHAUSEN GMBH Address of Applicant:Falkensteinstrae 8 93059 Regensburg Germany 2)SIEMENS AG (72)Name of Inventor: 1)ALBRECHT Wolfgang 2)HAMMER Christian 3)HEYNEN Christoph 4)FROTSCHER Rainer 5)KOTZ Christian 6)SACHSENHAUSER Andreas 7)PIRCHER Christian 8)HARTMANN Werner 9)KOSSE Sylvio 10)LAWALL Andreas 11)RENZ Roman 12)STELZER Andreas 13)TEICHMANN Jrg
1 ming 2 min		13)TEICHMANN Jrg 14)WENZEL Norbert

(57) Abstract:

The invention relates to a tap changer having vacuum interrupters for switching over between winding taps of a tapped transformer without interruption. The tap changer according to the invention having vacuum interrupters is based on the general idea of combining the functionalities of at least one conventional vacuum switching contact which switches under load and a further mechanical switching means according to the prior art in just one single vacuum interrupter with two separately moving contact systems.



No. of Pages: 16 No. of Claims: 3

(22) Date of filing of Application :05/07/2013

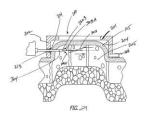
(43) Publication Date: 30/10/2015

(54) Title of the invention : DISSECTION HANDPIECE WITH ASPIRATION MEANS FOR REDUCING THE APPEARANCE OF CELLULITE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61B10/02 :12/975,966 :22/12/2010 :U.S.A. :PCT/US2011/062449 :29/11/2011 :WO 2012/087506 A3 :NA	3)CLARK Robert L.
(87) International Publication No (61) Patent of Addition to Application Number	:WO 2012/087506 A3	2)MERCHANT Adnan I.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dermatological skin treatment device is provided. The device comprises a handpiece and a cutting tool wherein the tool is inserted through the conduit and percutaneously inserted into a tissue disposed within a recessed area of the handpiece. The device and method cut the fibrous structures under the skin that cause cellulite at an angle substantially parallel to the surface of the skin and replace these structures with a non cellulite forming structure by deploying a highly fibrous mesh through a single needle hole to create a highly fibrous layer directly or through wound healing processes. A tool is provided to aspirate excess fluid and tissue from the treatment area.



No. of Pages: 108 No. of Claims: 15

(21) Application No.8293/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A DRY POWDER FORMULATION SUITABLE FOR INHALATION

(51) International classification :A61K 31/40 (71)Name of Applicant: (31) Priority Document No 1)VECTURA LIMITED :0409703.6 (32) Priority Date :30/04/2004 Address of Applicant: 1 PROSPECT WEST, CHIPPENHAM, (33) Name of priority country WILTSHIRE SN14 6FH U.K. :U.K. (86) International Application No :PCT/EP2005/051980 (72)Name of Inventor : Filing Date 1)MORTON, DAVID :29/04/2005 (87) International Publication No :WO/2005/105043 2) SHOTT, MARTIN (61) Patent of Addition to Application 3) DAVIES, REBECCA :NA Number :NA Filing Date (62) Divisional to Application Number :4400/CHENP/2006 Filed on :29/04/2005

(57) Abstract:

The present invention relates to a dry powder formulation suitable for inhalation comprising glycopyrrolate and magnesium stearate, wherein the glycopyrrolate is micronised and then undergoes a conditioning step, which step includes exposure to humid conditions of 30-100% RH at temperatures between 5°C to 90°C for at least 48 hours.

No. of Pages: 42 No. of Claims: 13

(22) Date of filing of Application :05/07/2012

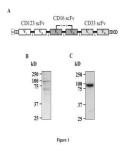
(43) Publication Date: 30/10/2015

(54) Title of the invention: THERAPEUTICS AGAINST ACUTE MYELOID LEUKAEMIA

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:C07K :09015260.4 :09/12/2009 :EPO :PCT/EP2010/069271	(71)Name of Applicant: 1)FRIEDRICH-ALEXANDER-UNIVERSITAT ERLANGEN-NURNBERG Address of Applicant: Schlossplatz 4 91054 Erlangen Germany Germany
(33) Name of priority country		Address of Applicant :Schlossplatz 4 91054 Erlangen
Filing Date	:09/12/2010	2)FEY Georg H.
(87) International Publication No(61) Patent of Addition to Application	: NA :NA	(72)Name of Inventor: 1)FEY Georg H.
Number Filing Date	:NA	2)STEIN Christoph 3)KELLNER Christian
(62) Divisional to Application Number Filing Date	:NA :NA	4)KUGLER Markus

(57) Abstract:

The present invention relates to a molecule having binding specificities for (a) CD123; (b) CD16 and (c) CD33. The present invention further relates to the molecule of the invention wherein the molecule comprises a first immunoglobulin domain comprising a VL domain linked to a VH domain wherein the immunoglobulin domain specifically binds to CD123; a second immunoglobulin domain comprising a VL domain linked to a VH domain wherein the immunoglobulin domain specifically binds to CD16; and a third immunoglobulin domain comprising a VL domain linked to a VH domain wherein the immunoglobulin domain specifically binds to CD33. The present invention furthermore relates to a nucleic acid molecule encoding the molecule of the invention. In addition the present invention relates to diagnostic and pharmaceutical compositions and the use of the molecule or the nucleic acid molecule of the invention in the treatment of acute myeloid leukaemia and/or myelodysplastic syndrome. Figure 1



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

(22) Date of filing of Application :10/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR ANTISEPTIC PROCESSING OF THE SURFACE OF A PRODUCT MADE OF POLYMERIC 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 Filing Date 	:A01N :RU2009146340 :15/12/2009 :Russia :PCT/EP2010/069632 :14/12/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)CLOSED STOCK COMPANY INSTITUTE OF APPLIED NANOTECHNOLOGY Address of Applicant: Savelkinsky travel 4 offis 1314 Zelenograd Moscow-124482 Russia 2)FONDAZIONE SALVATORE MAUGERI CLINICA DEL LAVORO E DELLA RIABILITAZIONE 3)SIB LABORATORIES LIMITED (72)Name of Inventor: 1)ABRAMYAN Ara Arshavirovich 2)AFANASYEV Mikhail Mefodievich 3)BEKLEMYSHEV Viacheslav Ivanovich 4)MAKHONIN Igor Ivanovich 5)MAUGERI Umberto Orazio Giuseppe 6)SOLODOVNIKOV Vladimir Aleksandrovich
---	--	---

(57) Abstract:

The invention concerns a method for antiseptic processing of the surface of a product made of organosilicon rubbers with molecular weight 2.105.6.105, said method consisting in a two stages formation of an antiseptic coating on said surface of said product: (a) at a first stage said surface is modified by treatment in low-temperature oxygen plasma at high-frequency electromagnetic radiation; and (b) at a second stage the modified surface is processed applying on it an antiseptic preparation containing: - a biocide, which is a nanodispersed powder of bentonite intercalated by ions of silver or/and copper; - a fluoroacrylic polymeric binding agent, wherein said binding agent is dissolved in a mixture of fluoroalkylethers. The method provides the formation of a coating having effective antiseptic and operational properties especially when the coating is applied on the surface of small orthopedic devices such as footcorrectors, insoles, heel pads, etc..

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

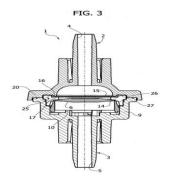
(22) Date of filing of Application :24/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: ONE-WAY VALVE FOR MEDICAL LINES

(51) International classification	:A61M39/00	(71)Name of Applicant :
(31) Priority Document No	:TO2012A000575	
(32) Priority Date	:27/06/2012	Address of Applicant :VIA G. DI VITORIO, 7BIS, I-10024
(33) Name of priority country	:Italy	MONCALIERI, TORINO Italy
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GUALA, GIANNI
(87) 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 one-way valve for medical infusion lines and the like, comprising a first tubular connector (2) and a second tubular connector (3), which define, respectively, an upstream passage (4) and a downstream passage (5), which are coaxial and set transversely between which is a diaphragm (6) made of elastically deformable material co-operating in a fluid-tight way with an annular seat (14) to keep the valve normally closed. A filter (15; 25; 35), integrated in the valve, is axially clamped and blocked between the first tubular connector (2) and the diaphragm (.6). (Figure 3)



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

(19) INDIA

(22) Date of filing of Application :11/03/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: A LITHOGRAPHIC PRINTING PLATE PRECURSOR

(51) International classification	:B41C 1/10	(71)Name of Applicant:
(31) Priority Document No	:08105354.8	1)AGFA GRAPHICS NV
(32) Priority Date	:16/09/2008	Address of Applicant :IP DEPARTMENT 3622,
(33) Name of priority country	:EUROPEAN	SEPTESTRAAT 27, B-2640 MORTSEL Belgium
	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2009/061927	1)012211(1)11102
Filing Date	:15/09/2009	2)VAN SEVEREN, INEKE
(87) International Publication No	:WO 2010/031758	
(67) International Laboration 140	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.1728/CHENP/2011 A

(57) Abstract:

NA

No. of Pages: 82 No. of Claims: 17

(22) Date of filing of Application :07/05/2012

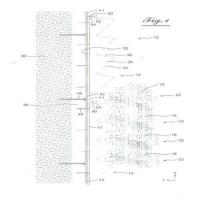
(43) Publication Date: 30/10/2015

(54) Title of the invention : SYSTEM FOR A VEHICLE OR SLOPING ARRANGEMENT FOR CONTAINER PLAT CULTIVATION

(51) International classification	:A01G1/00	(71)Name of Applicant :
(31) Priority Document No	:09 57 705	1)MODULOGREEN VERTICAL SOLUTIONS
(32) Priority Date	:30/10/2009	Address of Applicant :18-2H RUE ISABEL CARVALHO P-
(33) Name of priority country	:France	500-608 VILA REAL Portugal
(86) International Application No	:PCT/FR2010/052298	(72)Name of Inventor:
Filing Date	:27/10/2010	1)DOS SANTOS, JOSE
(87) International Publication No	:WO 2011/051619 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		·

(57) Abstract:

The invention relates to a device for a vertical or angled arrangement of the hydroponic cultivation of plants (16), including at least one module (12) defining an inner space intended for containing at least one nutritional substrate and plants, said device being defined by a front wall (30) and a rear wall (35) secured to the front wall (30), at least the front wall (30) being provided with at least one opening (24) for plants to pass therethrough, and the front (30) and/or rear (35) wall comprising an attachment area for attaching the module (12) to a mounting (18). The the front wall (30) and/or rear wall (35) comprises overlappiag edges (41, 42) enabling, when the device is installed on a green roof or a green wall comprising at least two adjacent modules (12), the modules to overlap at least partially in the roof or the wall. (57) Abrege: LTM invention conceme un dispositif pour un agencement vertical ou incline de culture hors sol de v6getaux (16), comprenant au mo ins un module (12) determinant un volume interne destine a recevoir au moins un substrat nutritif et des vegetaux et deltmite par une parol avant (30) et une parol arriere (35) solidaire de la parol avant (30), au moins la paroi avant (30) et ant pourvue dau moins une ouverture (24) pour le passage des vegetaux et au moins Iune des parois avant (30) et arriere (35) comportant une zone de fixation pour la fixation du module (12) a un [Suite sur la page suivante]



No. of Pages: 24 No. of Claims: 12

(21) Application No.4132/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: TREAD TILE

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. SHAN MADHAVAN
(32) Priority Date	:NA	Address of Applicant :ECOMILLS, 340/2B,
(33) Name of priority country	:NA	SAYANAVARAM, PONNERI, THIRUVALLUR DISTRICT,
(86) International Application No	:NA	PIN - 602 104 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. SHAN MADHAVAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

Tread tiles are manufactured from discarded truck tires by recycling technology. In this process tire strips are made from the whole discarded tires and converted into a fluffy surface which is put together as tread tiles.

No. of Pages: 5 No. of Claims: 3

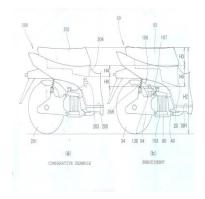
(22) Date of filing of Application :31/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SCOOTER-TYPE VEHICEL

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2011- 247614 :11/11/2011 :Japan :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)OKADA, NAOKI 2)OMORI, JUMPEI
(62) Divisional to Application Number		

(57) Abstract:

[Object] To provide an arrangement structure of a reserve tank in a scooter-type vehicle equipped with a water-cooled engine, which allows freedom in determining the size and shape of a storage box and a step. [Solving Means] A reserve tank 13 0 is disposed inside a rear fender 10 0 as shown in Fig. 10B. [Effect] Since the reserve tank 13 0 is disposed inside the rear fender 100, the size and shape of a storage box 20 can be determined without being influenced by the reserve tank 130. Likewise, the size and shape of a step 70R can be determined without being influenced by the reserve tank 130. [Selected Drawing] Fig. 10



No. of Pages: 44 No. of Claims: 7

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: COMPOSITION FOR FACILITATING EN RONMENTAL DEGRADATION OF A FILM •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/02/2011 :WO/2011/103319 :NA :NA :NA	(71)Name of Applicant: 1)FRITO-LAY NORTH AMERICA INC Address of Applicant:7701 Legacy Drive Plano TX 75024- 4099 United States of America U.S.A. (72)Name of Inventor: 1)FAYNE Todd Michael 2)KNOERZER Anthony Robert 3)LAVERDURE Kenneth Scott 4)RODGERS Brad Dewayne
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multi-layer PLA film with barrier properties having one or more additives. In one aspect the additive can lower the glass transition temperature of the PLA to enhance the span of environments in which the PLA film can degrade. In one aspect a plasticizer can be added to lower the glass transition temperature to facilitate degradation at lower temperatures. In one aspect calcium carbonate can be added to a PLA film layer



No. of Pages: 28 No. of Claims: 22

(21) Application No.3421/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/08/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: IGNITION TIMING CONTROL

	(71)Name of Applicant : 1)TVS MOTOR COMPANY LIMITED
:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
:NA	Nadu India
:NA	(72)Name of Inventor:
: NA	1)PRASAD RAGHAVENDRA
:NA	2)DAVINDER KUMAR
:NA	3)KUPPA VENKATA KALYANA KUMAR
:NA	4)PERUMAL LAKSHMANAN
:NA	5)SIVAKUMAR ARUMUGAM
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Abstract The present invention relates ignition timing control for 4 stroke engine and comprising the method of: calculating the engine speed continuously; monitoring crank sensor signal for reversal of engine crankshaft; establishing kick back condition by judging the time delay between leading and trailing edge of the crank signal; and delaying the spark after the establishment of kick back condition. Fig. 3

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

(21) Application No.5179/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: BOILING OIL STEAM ENGINE

(51) International classification	:F01K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M. ELUMALAI
(32) Priority Date	:NA	Address of Applicant :S/O. J.MANOHARAN, METTU
(33) Name of priority country	:NA	STREET, KANDOOR VILLAGE, SRIPERUMBUDUR
(86) International Application No	:NA	TALUCK, KANCHIPURAM DIST - 602 108 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)M. ELUMALAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT: Boiling oil steam engine is run by the heat convectional current between the boiling oil and steam at pressure of the closed operating cylinder of engine. The present invention is related to boiling oil steam engine. It is a heat engine. This engine is followed the thermodynamic cycle, are heating, expansion, cooling, and compression. Boiling oil is acting as heat transfer fluid and steam is acting as working fluid. The Specific quantity of water, oil, and induction heating range are calculated by the final temperature of fluids formula and steam table. The temperature change inside the engine produced the pressure change needed to push on the piston and make the engine run. This engine gets their input energy from the output gain. It designed to convert thermal energy into mechanical motion. This system is controlled by increasing and deceasing temperature of induction heating.

No. of Pages: 25 No. of Claims: 8

(21) Application No.6152/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : BLOOD PRESSURE INFORMATION MEASUREMENT DEVICE CUFF AND BLOOD PRESSURE INFORMATION MEASUREMENT DEVICE PROVIDED THEREWITH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:16/12/2010 : NA	(71)Name of Applicant: 1)OMRON HEALTHCARE CO. LTD. Address of Applicant:53 Kunotsubo Terado-cho Muko-shi Kyoto 617-0002 Japan. Japan (72)Name of Inventor: 1)Yoshihiko SANO 2)Hideaki YOSHIDA 3)Minoru TANIGUCHI
	1	1 2
* *		
(87) International Publication No	: NA	2)Hideaki YOSHIDA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)Minoru TANIGUCHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(FF) A1		

(57) Abstract:

In a blood pressure information measurement device cuff, a first flexion point (P1) and a second flexion point (P2) at which a curvature radius changes are provided in a curler (191), and a straight line-shaped connection portion (191c) is provided between the first flexion point (P1) and the second flexion point (P2) so as to be located inside a curve formed by extending a first curved portion (191a) and a second curved portion (191b) that are located at the ends of the curler (191) at the first flexion point (P1) and the second flexion point (P2), according to the respective curvatures. Through this, it is possible to provide a blood pressure information measurement device cuff, and a blood pressure information measurement device provided with such a cuff, that can reduce error in a blood pressure measurement by reducing errors in changes in the volume of a fluid bladder, even in the case where the blood pressure information measurement device cuff has been wrapped around a measurement area loosely.

No. of Pages: 33 No. of Claims: 8

(21) Application No.9186/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NEW M THODS FOR ISOLATING TR1 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 	:G01N 33/50 :10368021.1 :15/04/2010 :EPO :PCT/IB2011/001232 :15/04/2011 :WO/2011/128779	(71)Name of Applicant: 1)TXCELL Address of Applicant: Alle de la Nerti"re Les Cardoulines F- 06560 Valbonne France France (72)Name of Inventor: 1)FOUSSAT Arnaud 2)BRUN Valrie 3)RFI MONTE Notholio
		1)FOUSSAT Arnaud
ĕ		
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)BELMONTE Nathalie 4)BASTIAN Herv 5)QUATTANNENS Brigitte
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to methods for isolating Tr1 cells resting Tr1 cells and/or activated Tr1 cells to methods for enriching or depleting a cell population in Tr1 cells resting Tr1 cells and/or activated Tr1cells and to methods and kits for treating chronic inflammatory diseases autoimmune diseases allergic diseases cancer and organ transplantation conditions.

No. of Pages: 51 No. of Claims: 16

(22) Date of filing of Application :26/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: BIOMARKERS BASED ON A MULTI-CANCER INVASION-ASSOCIATED MECHANISM •

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12Q 1/68 :61/323,818 :13/04/2010 :U.S.A. :PCT/US2011/032356 :13/04/2011 :WO/2011/130435 :NA :NA :NA	(71)Name of Applicant: 1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK Address of Applicant:116 Street and Broadway New York NY 10027 United States of America U.S.A. (72)Name of Inventor: 1)ANASTASSIOU Dimitris 2)WATKINSON John 3)KIM Hoon
---	--	---

(57) Abstract:

The present invention relates to biomarkers which constitute a metastasis associated fibroblast (MAF) signature and their use in diagnosing and staging a variety of cancers. It is based at least in part on the discovery that identifying the differential expression of certain genes indicates a diagnosis and/or stage of a variety of cancers with a high degree of specificity. In particular the presence of the signature implies that the cancer has already become invasive. Accordingly in various embodiments the present invention provides for methods of diagnosis diagnostic kits as well as methods of treatment that include an assessment of biomarker status in a subject. Further because the differential expression of certain genes can function as marker for the acquisition of metastatic potential such expression profiles can be used to predict the appropriateness of certain therapeutic interventions such as the appropriateness of neoadjuvant therapeies......

No. of Pages: 53 No. of Claims: 33

(22) Date of filing of Application :04/07/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention : NANOCRYSTALS WITH HIGH EXTINCTION COEFFICIENTS AND METHODS OF MAKING AND USING SUCH NANOCRYSTALS

(51) International classification	:B32B5/16	(71)Name of Applicant :
(31) Priority Document No	:61/427760	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:28/12/2010	Address of Applicant :5791 Van Allen Way Carlsbad
(33) Name of priority country	:U.S.A.	California 92008 U.S.A.
(86) International Application No	:PCT/US2011/067174	(72)Name of Inventor:
Filing Date	:23/12/2011	1)WELCH Eric
(87) International Publication No	:WO 2012/092195	2)BARTEL Joseph August
(61) Patent of Addition to Application	:NA	3)TULSKY Eric
Number	:NA	4)TREADWAY Joseph
Filing Date	.NA	5)CHEN Yongfen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		<u>'</u>

(57) Abstract:

A population of bright and stable nanocrystals is provided. The nanocrystals include a semiconductor core and a thick semiconductor shell and can exhibit high extinction coefficients high quantum yields and limited or no detectable blinking.

No. of Pages: 65 No. of Claims: 50

(21) Application No.5520/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date: 30/10/2015

(54) Title of the invention: CRUSTALLINE ATROPINE SULFATE

:A61K9/00	(71)Name of Applicant:
:NA	1)MYLAN LABORATORIES LTD
:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
:NA	India
:NA	(72)Name of Inventor:
: NA	1)GORE, VINAYAK
:NA	2)JOSHI, RAJESH
:NA	3)TRIPATHI, ANIL KUMAR
:NA	4)JADHAV, MADHAV
:NA	5)BHANDARI, SHREYAS
	:NA :NA :NA :NA :NA :NA :NA :NA

⁽⁵⁷⁾ Abstract:

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

^{1.} Crystalline Atropine Sulfate

(19) INDIA

(22) Date of filing of Application: 18/04/2012

(21) Application No.3478/CHENP/2012 A

(43) Publication Date: 30/10/2015

(54) Title of the invention: A MEDIUM OIL

(51) International classification	:C07C
(31) Priority Document No	:2003-59898
(32) Priority Date	:06/03/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/02795
Filing Date	:05/03/2004
(87) International Publication No	:WO/2004/078645

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

(62) Divisional to Application Number

Filed on

(71)Name of Applicant: 1)INPEX CORPORATION

Address of Applicant: 5-3-1, AKASAKA, MINATO-KU,

TOKYO Japan

2)TOTAL GAS & POWER VENTURES 3)TOYOTA TSUSHO CORPORATION

4) JAPAN PETROLEUM EXPLORATION, CO. LTD.

(72) Name of Inventor: 1)OKUYAMA, KEIICHI 2)SHIKADA, TSUTOMU 3)MOGI, YASUHIRO 4)SUZUKI, TOSHIFUMI 5)MIYOSHI, YASUO 6)OHNO, YOTARO 7)OGAWA, TAKASHI 8)AOKI, SEIJI 9)KOBAYASHI, NOBUAKI

10)SUZUKI, KAZURO

(57) Abstract:

The present invention relates to a medium oil which is used for the synthesis reaction with a slurry-bed reaction procedure as a medium, comprising, as a main component, a branched, saturated aliphatic hydrocarbon having 16 to 50 carbon atoms, 1 to 7 tertiary carbon atoms, 0 quaternary carbon atom, and 1 to 16 carbon atoms in the branched chains bonded to the tertiary carbon atoms; and at least one of the tertiary carbon atoms being bonded to hydrocarbon chains with a chain length having 4 or more of carbon atoms in three directions.

:2151/CHENP/205

:05/03/2004

No. of Pages: 151 No. of Claims: 10

(22) Date of filing of Application :20/06/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: GRID FOR LEAD STORAGE BATTERY POSITIVE PLATE USING GRID PLATE GROUP LEAD STORAGE BATTERY AND METHOD FOR MANUFACTURING POSITIVE PLATE FOR LEAD STORAGE BATTERY

(51) International

:H01M4/74,H01M4/14,H01M10/12

classification (31) Priority Document No

:201110085830.5

(32) Priority Date

:31/03/2011

(33) Name of priority country: China

(86) International Application :PCT/JP2012/002286

No

Filing Date

:02/04/2012

:NA

(87) International Publication :WO 2012/132476

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

Filing Date

:NA (62) Divisional to Application

Number

:NA Filing Date

(71)Name of Applicant:

1)PANASONIC CORPORATION

Address of Applicant: 1006 Oaza Kadoma Kadoma shi Osaka

5718501 Japan

(72)Name of Inventor:

1)BAI Song Tao

2)WANG Shi Long

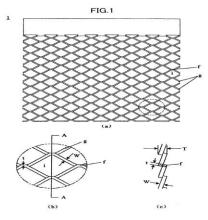
3)ANDO Kazunari

4)SASAKI Takehiro

5)MUROCHI Shouzou

(57) Abstract:

A grid for a lead storage battery is configured from an expanded grid formed by a reciprocal method. When the width of a grid line (g) of the expanded grid is represented by W and the thickness of the expanded grid is represented by T the flexibility (T/W) of the grid falls within the range of 1.5 1.9.



No. of Pages: 39 No. of Claims: 13

(21) Application No.5242/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF LINAGLIPTIN

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLAN LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHAVHAN, BHAUSAHEB
(61) Patent of Addition to Application Number	:NA	2)RATHINAPANDIAN, JEBARAJ
Filing Date	:NA	3)CHANDUPTLA, SHIVA KUMAR
(62) Divisional to Application Number	:NA	4)GHANDA, NAGARAJI
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for preparing Linagliptin by purifying the intermediate compounds converting the purified intermediates into Linagliptin. The present invention also relates to the preparation of an amorphous Linagliptin.

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

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: SENSOR FOR DETECTION OF A TARGET OF INTEREST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:61/656,354 :06/06/2012 :U.S.A. :NA :NA	(71)Name of Applicant: 1)NATIONAL TAIWAN UNIVERSITY Address of Applicant:#1, SEC. 4, ROOSEVELT ROAD, TAIPEI 10617 Taiwan (72)Name of Inventor: 1)SHIMING LIN 2)SI-CHEN LEE
(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	3)LUAN-YIN CHANG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Embodiments of the present disclosure set forth a sensor for detecting a target of interest. One example sensor may comprise an apparatus for binding the target of interest and a draining unit for draining fluid from the apparatus. The apparatus may comprise a substrate, a material disposed on the substrate, and a probe disposed on the material and configured to bind to the target of interest. The probe is configured on the material to scatter light emitted from a light source when the target of interest is bound to the probe.

No. of Pages: 53 No. of Claims: 26

(22) Date of filing of Application :15/04/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: CHARGING MEMBER AND METHOD FOR PRODUCING SAME

(51) International classification: G03G15/02,B32B3/30,B32B9/00 (71) Name of Applicant:

(31) Priority Document No :2010-215811 (32) Priority Date :27/09/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/072492

No :22/09/2011 Filing Date

(87) International Publication :WO 2012/043777 A1

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

:NA Number :NA Filing Date

1)CANON KABUSHIKI KAISHA

Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku

Tokyo 1468501 Japan (72) Name of Inventor: 1)KURODA Noriaki 2)SUZUMURA Noriko

3)TOMOMIZU Yuya

(57) Abstract:

Provided is a charging member having a roughened surface and capable of suppressing the adhesion of unwanted particles to the surface. The charging member has a supporting body an elastic layer and a surface layer wherein the surface layer contains a polymer compound having a Si O M bond having at least one constitutional unit selected from the constitutional units represented by general formula (1) and general formula (2) and also having a constitutional unit represented by general formula (3). The charging member has tears in the surface thereof extending to the elastic layer and the tears bulge in a projecting shape near the edges thereof. As a result the surface of the charging member is roughened.

$$\begin{array}{c|c}
-R_1 - O - R_2 - O \\
& & \\
SiO_3/_2 & SiO_3/_2
\end{array}$$
(3)

No. of Pages: 91 No. of Claims: 7

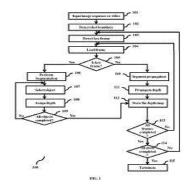
(22) Date of filing of Application :30/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: A METHOD FOR CONVERTING 2D VIDEO TO 3D VIDEO

		(71)Name of Applicant:
		1)Samsung India Software Operations Pvt Ltd
		Address of Applicant :Bagmane Lakeview, Block B, No. 66/1,
		Bagmane Tech Park, CV Raman Nagar, Byrasandra, Bangalore
(51) International classification	:G06T	Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Nipun Kumar
(33) Name of priority country	:NA	2)Moon Sik Jeong
(86) International Application No	:NA	3)Kiran Nanjunda Iyer
Filing Date	:NA	4)Nikhil Krishnan
(87) International Publication No	: NA	5)Armin Mustafa
(61) Patent of Addition to Application Number	:NA	6)Pam Revanth
Filing Date	:NA	7)Karan Sehgal
(62) Divisional to Application Number	:NA	8)Anshul Sharma
Filing Date	:NA	9)Biju Mathew Neyyan
		10)Ranjith Tharayil
		11)Abhinandan Ganapti Banne
		12)Prakash Bhagavathi
		13)Abhijit Dinakar Lade

(57) Abstract:

A method for converting a two-dimensional (2D) video to a three-dimensional (3D) video is disclosed. The method provides a User Interface (UI) to detect shot boundary in shots and select a key frame. Then the method checks whether the current frame is a key frame that has to be segmented from among at least one 2D video frame of a 2D video. The key frame is segmented by separating at least one object in the key frame and storing information about the segmentation. The segmented 2D frames are generated by segmenting at least one 2D video frame except the key frame in the same manner as the key frame is segmented, based on the stored segmentation information. Then the user assigns depth to at least one object in the key frame and propagates the depth to non-segmented non-key frames. Finally, the method stores the frames as 3D video. FIG. 1



No. of Pages: 69 No. of Claims: 42

(22) Date of filing of Application :04/07/2013

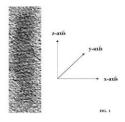
(43) Publication Date: 30/10/2015

(54) Title of the invention: PREPARATION OF NANOCRYSTALS WITH MIXTURES OF ORGANIC LIGANDS

(51) International classification	:C30B11/00	(71)Name of Applicant :
(31) Priority Document No	:61/427,760	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:28/12/2010	Address of Applicant :5791 Van Allen Way Carlsbad
(33) Name of priority country	:U.S.A.	California 92008 U.S.A.
(86) International Application No	:PCT/US2011/067144	(72)Name of Inventor:
Filing Date	:23/12/2011	1)BARTEL Joseph August
(87) International Publication No	:WO 2012/092178 A1	2)CHEN Yongfen
(61) Patent of Addition to Application	:NA	3)LERMER Noah
Number	:NA	4)CARTER Timothy
Filing Date	.IVA	5)SWEENEY Scott F.
(62) Divisional to Application Number	:NA	6)TETERS Chad N.
Filing Date	:NA	7)HUANG Wenxi

(57) Abstract:

Semiconductor nanocrystals prepared using a mixture of organic ligands (e.g. oxoacids) as well as compositions kits and methods of using such semiconductor nanocrystals are disclosed.



No. of Pages: 55 No. of Claims: 51

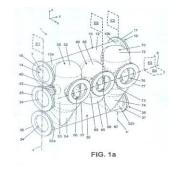
(22) Date of filing of Application :16/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : HOUSING FOR A SWITCHGEAR ASSEMBLY MODULE, SWITCHGEAR ASSEMBLY MODULE AND SWITCHGEAR ASSEMBLT'

(51) International classification	:H02B13/035,H02B13/045	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABB Technology AG
(32) Priority Date	:NA	Address of Applicant :Affolternstrasse 44 CH 8050 Z ¹ / ₄ rich
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2010/050518	(72)Name of Inventor:
Filing Date	:18/01/2010	1)SABANI Arben
(87) International Publication No	:WO 2011/085821 A1	2)SOLOGUREN SANCHEZ Diego
(61) Patent of Addition to Application	:NA	3)WRGLER Roland
Number	:NA	4)BOLLI Tilo
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a housing (1) for a switchgear unit module of a switchgear unit which forms a common gas chamber (3) suitable for receiving an insulating gas and three gas insulated busbar nominal conductors of the switchgear unit module. The housing (1) comprises: three first busbar openings (14 24 34) wherein the three first busbar openings (14 24 34) are arranged in terms of the area in a first opening plane E1 and along a first straight line (4); three second busbar openings (16 26 36) wherein the three second busbar openings (16 26 36) are arranged on a side of the housing opposite of the three first busbar openings (14 24 34); and three discharge conductor openings (56 66 76) wherein the three discharge conductor openings (56 66 76) are disposed in terms of the area in a second opening plane E2 and along a second straight line (6).



No. of Pages: 38 No. of Claims: 20

(21) Application No.2749/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTROL UNIT FOR SYNCHRONOUS ENGAGING 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 	:2012-144294 :27/06/2012 :Japan :NA :NA :NA : NA	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan (72)Name of Inventor: 1)HANAI, EIJI 2)TANAKA, KATSUHISA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

When a synchronizing sleeve that is driven by an actuator in response to gear shift request is stroked from a release position to an engagement position, a differential rotation speed between an input rotation and an output rotation is calculated at stroke positions after a synchronization completion position! and when the said differential rotation speed is equal to or more than a predetermined threshold value, a damage determination index is calculated based on the said differential rotation speed. Further, when a cumulative value of the damage determination index accumulated for each gear position becomes equal to or more than a predetermined threshold value, the engagement operation of the gear position corresponding to the said cumulative value is disabled. This makes it possible to effectively determine the degree of damage when a gear whine occurs to a synchronized engaging device.

No. of Pages: 36 No. of Claims: 5

(22) Date of filing of Application :04/07/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: DISPOSABLE DEVICE FOR TREATMENT OF INFECTIONS OF HUMAN LIMBS AND METHOD FOR ITS REALISATION

:A61B17/72,A61B17/58 (71)Name of Applicant : (51) International classification (31) Priority Document No :VR2011A000051 (32) Priority Date :10/03/2011 (33) Name of priority country :Italy

(86) International Application No :PCT/IB2012/051126

:NA

Filing Date :09/03/2012 (87) International Publication No :WO 2012/120480

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA 1)TECRES S.P.A.

Address of Applicant: Via A. Doria 6 I 37066

Sommacampagna (Verona) Italy

(72) Name of Inventor: 1)SOFFIATTI Renzo 2)FACCIOLI Giovanni

(57) Abstract:

Filing Date

A temporary disposable device for treating infections of the human body limbs comprising an intramedullary nail (C) having a substantially rod shape suitable for the stabilisation of the human body limbs and provided with an outer surface (E) a surface layer (2) provided with an outer surface (S) and arranged in contact with at least a portion of the outer surface (E) of the intramedullary nail (C) the surface layer (2) comprising a biologically compatible material in a solidifiable fluid form either porous or spongy the surface layer (2) comprising pores (2) arbitrarily provided onto the outer surface (S) or within the surface layer (2) wherein the pores (2) have a random arrangement.

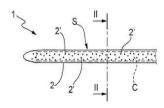


FIG.1

No. of Pages: 35 No. of Claims: 24

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: A DEVICE AND A LANGUAGE TECHNOLOGY FOR INDIAN LANGUAGES

(51) International classification(31) Priority Document No(32) Priority Date	:G06F3/00 :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS Address of Applicant :IIT P.O., CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)V. SRINIVASA CHAKRAVARTHY
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

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

The present invention relates a device and a multilingual language technology for Indian languages.

(22) Date of filing of Application :24/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: NOVEL CRYSTALLINE POLYMORPH OF PTEROSTIBENE

(51) International classification	:C07D213/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LAURUS LABS PRIVATE LTD
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, SERENE CHAMBERS
(33) Name of priority country	:NA	ROAD, #7, BANJARA HILLS, HYDERABAD - 500 034 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SREE RAMBABU JOGA
(61) Patent of Addition to Application Number	:NA	2)HARISH NIRANJANLAL DORWAL
Filing Date	:NA	3)SEETA RAMANJANEYULU GORANTLA
(62) Divisional to Application Number	:NA	4)SATYANARAYANA CHAVA
Filing Date	:NA	

(57) Abstract:

The present invention provides novel crystalline form of Pterostilbene. The present invention also provides a process for the preparation of the novel form and to pharmaceutical composition using the novel form of pterostilbene.

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

(21) Application No.1604/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PGR CONSORTIA FOR COCONUT

(51) International classification :C05G (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)TAMILNADU AGRICULTURAL UNIVERSITY Address of Applicant: DEPARTMENT OF CROP PHYSIOLOGY & COCONUT RESEARCH STATION, VEPPANKULAM, THANJAVUR DISTRICT TAMILNADU AGRICULTURAL UNIVERSITY COIMBATORE - 641 003 Tamil Nadu India (72)Name of Inventor: 1)DR. H. VIJAYARAGHAVAN 2)DR. S. VINCENT 3)DR. T. JAYARAJ 4)S. NATARAJAN
--	--

(57) Abstract:

A specific composition in liquid form made of macro and micro nutrients along with growth regulators like salicylic acid, naphthalene acetic acid and antioxidants in a particular ratio to be root fed with fertilizers having a specific pH level such that it suits that of the sap of the tree and does not interfere with the enzyme system but directly enters the metabolic system from the root resulting in better growth and more yield of nuts free from quality defects.

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

(21) Application No.1605/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PLANT GROWTH REGULATOR FOR GROUNDNUT

(51) International classification	:C05G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TAMILNADU AGRICULTURAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CROP
(33) Name of priority country	:NA	PHYSIOLOGY TAMIL NADU AGRICULTURAL
(86) International Application No	:NA	UNIVERSITY, COIMBATORE-641003 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. H. VIJAYARAGHAVAN
(61) Patent of Addition to Application Number	:NA	2)DR. S. VINCENT
Filing Date	:NA	3)Dr. S. NATARAJAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A specific composition in solid form consisting of essential micro nutrients and growth regulating hormones like Salicylic acid and Naphthalene Acetic acid in a particular ratio to be applied to the groundnut crop by spraying at pre determined intervals whereby it enhances the plant growth and increases the yield and pod.

No. of Pages: 5 No. of Claims: 3

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application: 11/07/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: PORTABLE URINATION 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 	:26/08/2011 :WO 2012/083581 :NA :NA	(71)Name of Applicant: 1)YANG Kuohuang Address of Applicant: ZHANG Minghua Room 2 8/F. No.2 Ln.90 Sec. 2 Heping East Rd. Taipei Taiwan 106 China (72)Name of Inventor: 1)YANG Kuohuang
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.5507/CHENP/2013 A

(57) Abstract:

(19) INDIA

A portable urination device (10) comprises a guiding body (11) and two connection units (12). The guiding body (11) has a guiding portion (111) a first port (El) and a second port (E2). The guiding portion (111) is formed of two side walls and the bottom edge of the side wall is of a closed structure. The first port (E1) and the second port (E2) are oppositely disposed and are respectively located at two ends of the guiding portion (111). The two connection units (12) are respectively extended between the first port (E1) and the second port (E2) of the guiding body (11). The two connection units (12) are used for the user operation the first port (E1) is used for receiving urine of a user and the urine is discharged from the second port (E2) through guiding of the guiding portion (111) or discharged from the first port (E1) after buffering of the guiding portion (111). The urination device is easily used and the user is dispense with contacting the public toilet stool.

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

(21) Application No.1701/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMPROVED PROCESS FOR PREPARING RIVAROXABAN USING NOVEL NTERMEDIATES

	COZD	
(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SYMED LABS LIMITED
(32) Priority Date	:NA	Address of Applicant :8-3-166/6 & 7, II FLOOR, SREE
(33) Name of priority country	:NA	ARCADE, ERRAGADDA, HYDERABAD - 500 018 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MOHAN RAO DODDA
(61) Patent of Addition to Application Number	:NA	2)VENKAT REDDY BUTHUKURI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided herein is an industrially advantageous one-pot process for the preparation of rivaroxaban or a stereochemically isomeric form or a racemic mixture thereof, in high yield and purity, using novel intermediates.

No. of Pages: 21 No. of Claims: 20

(21) Application No.1773/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/05/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SUPER LOW MELT TONERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C09D :13/105,305 :11/05/2011 :U.S.A.	Address of Applicant :45 GLOVER AVENUE, P.O. BOX 4505, NOTESLK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAHABADI, HADI, K.
(87) International Publication No	: NA	2)ZHOU, KE
(61) Patent of Addition to Application Number	:NA	3)CHRETIEN, MICHELLE, N.
Filing Date	:NA	4)ZWARTZ, EDWARD, G.
(62) Divisional to Application Number	:NA	5)SACRIPANTE, GUERINO, G.
Filing Date	:NA	

(57) Abstract:

Environmentally friendly latex particles are provided which include a gelling agent and a pigment encapsulated in an amorphous resin which may be utilized in forming EA super low melt toners. Methods for providing these resins and toners are also provided.

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

(21) Application No.9549/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELECTRICAL OUTLET WITH LATERAL CONNECTION

(51) International classification(31) Priority Document No(32) Priority Date	:H01R13/44 :12/469,701 :21/05/2009	(71)Name of Applicant: 1)FILIBA, YAAKOV Address of Applicant: 37 HASARIG ST., RISHON LEZION-
(33) Name of priority country	:U.S.A.	75496 Israel
(86) International Application No	:PCT/IB2010/050267	(72)Name of Inventor:
Filing Date	:21/01/2010	1)FILIBA, YAAKOV
(87) International Publication No	:WO 2010/133977 A1	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A safety electrical outlet includes a socket body containing at least two electrical contacts, a pivotally mounted socket cap with at least two apertures and a safety mechanism that holds the socket cap in a first position where the apertures are not aligned with the electrical contacts. The socket cap is released when plug prongs are inserted, allowing the socket cap to be rotated so that the prongs can engage the contacts in the second position.

No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :21/06/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : A SWIVEL SEAT MECHANISM FOR VEHICLES SUITABLE FOR HANDICAPPED AND AGED PASSENGERS

(51) International classification	·R60N2/00 R60N2/002	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TRUCE CONSULTING SERVICES PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :#63/5, 8TH CROSS,
(33) Name of priority country	:NA	BHAGYANAGAR, BELGAUM - 590 006 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ANAND KUTRE
(87) International Publication No	: NA	2)RAGHAVENDRA KHARVI
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	NIA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a swivel seat mechanism for vehicles, particularly for passenger vehicles. In the current automotive industry in passenger car segment there is no available mechanism for seats which can be used to swivel in outboard side for easy egress and ingress for the physically handicapped and old age people. The present invention provides a swivel mechanism which can be fitted to an existing vehicle seat. The swivel seat mechanism can be customized to different vehicle types and rotation angle for comfort. The mechanism can also be customized in such a way that it does not interfere with any surrounding vehicle parts. The mechanism is manually operated using a latch lever with two locking positions (Open & Close) for safety. The mechanism can be further motorized.

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

(22) Date of filing of Application:05/07/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: PUSH BUTTON FOR TIMEPIECE INCORPORTING A VALVE

(31) Priority Document No:12175537.5(32) Priority Date:09/07/2012(33) Name of priority country:EPO	(71)Name of Applicant: 1)OMEGA SA Address of Applicant: JAKOB-STAMPFLI-STRASSE 96, 2500, BIEL Switzerland (72)Name of Inventor: 1)BRISWALTER, SEBASTIEN 2)VUILLEME, ERIC 3)KISSLING, GREGORY
--	---

(57) Abstract:

(57) Abstract:

The house is composing as white Policy of the investment The ground investment in the ground in the grou

No. of Pages: 14 No. of Claims: 9

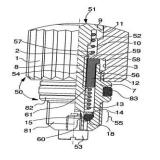


Fig. 1

(21) Application No.3816/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/09/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: PEDOMETER

(51) Intermediated algoritication	.C01.C	(71) Nome of Ameliant.
(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHEIK MOHAMMED ALI SHAJAHAN
(87) International Publication No	: NA	2)BOBY GEORGE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRCT: This invention relates to a device pedometer particularly a pedometer without user depended calibration based on inductive proximity, this can be easily embedded into shoes and it will also work even if it is fitted on the bottom-half of the legs or ankle with suitable fixtures and measures the number of steps, speed, and distance traveled while walking or jogging, the new system requires very less amount of calibration, the developed device will be useful for travelers to monitor various parameters while walking, jogging, running, etc

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

(21) Application No.6108/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention : CATHODE ELECTROLYTIC CELL FOR ELECTROLYSIS OF ALKALI METAL CHLORIDE AND METHOD FOR PRODUCING NEGATIVE ELECTRODE \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 	:24/12/2010 : NA	(71)Name of Applicant: 1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant:1-105 Kanda Jinbocho Chiyoda-ku Tokyo 101-8101 Japan Japan (72)Name of Inventor: 1)Akiyasu FUNAKAWA 2)Toshinori HACHIYA
	1	1 1
* *		
\mathcal{E}	:24/12/2010	1)Akiyasu FUNAKAWA
(87) International Publication No	: NA	2)Toshinori HACHIYA
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		·

(57) Abstract:

The present invention provides a cathode that has a conductive substrate and a catalyst layer formed on the conductive substrate. The catalyst layer comprises a first layer and a second layer. The first layer at least includes palladium element and platinum element. The second layer at least includes iridium element and platinum element. The first layer is located on the conductive substrate and the second layer is located on the first layer. The cathode is useful because it has a low hydrogen overvoltage and degradation and peel-off of the catalysis layer is reduced against reverse current generated when electrolysis is stopped.

No. of Pages: 63 No. of Claims: 18

(21) Application No.7538/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :31/08/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: 'MOLDINGS DESIGNED TO PREVENT FALLS'

(51) International classification	:E04D13/03,B32B17/10	(71)Name of Applicant:
(31) Priority Document No	:102010010312.8	1)EVONIK R–HM GMBH
(32) Priority Date	:04/03/2010	Address of Applicant :Kirschenallee 64293 Darmstadt
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/051648	(72)Name of Inventor:
Filing Date	:04/02/2011	1)SEELMANN Peter
(87) International Publication No	:WO 2011/107315	2)GEYER Manfred
(61) Patent of Addition to Application	:NA	3)HOLY Katharina
Number	:NA	4)HAMPL Gerd
Filing Date	.NA	5)ZEDNIK Brigitte
(62) Divisional to Application Number	:NA	6)HUTTERER Walter
Filing Date	:NA	

(57) Abstract:

A moulded body in the form of a domelight and composed of plastic reinforced by a metal mesh and production method therefor.

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

(22) Date of filing of Application :31/08/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD FOR PRODUCING AN M SUBSTITUTED ALKYL TOLUENE BY ISOMERIZIATION USING IONIC LIQUIDS AS CATALYSTS

(51) International classification: C07B35/08,C07C45/62,C07C5/22 (71) Name of Applicant:

(31) Priority Document No :10153317.2 (32) Priority Date :11/02/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/051732

:07/02/2011

Filing Date

(87) International Publication

:WO 2011/098418 (61) Patent of Addition to

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

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

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

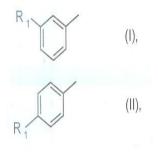
(72)Name of Inventor: 1)LANVER Andreas 2)EBEL Klaus

3)BECK Karl 4)PELZER Ralf 5)BOTZEM Jrg

6) GRIESBACH Ulrich

(57) Abstract:

1151The invention relates to a method for producing an m substituted alkyl toluene of formula (I) R being C C alkyl characterized in that a p substituted alkyl toluene of formula (II) where R has the meaning indicated in formula (I) is isomerized in the presence of ionic liquids forming an m substituted alkyl toluene of formula (I). The m substituted alkyl toluene obtainable according to the invention is a starting compound for producing fragrances and flavorings.



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

(22) Date of filing of Application :10/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: REAL TIME SIMULATOR FOR BRAKE MANAGEMENT SYSTEM OF AN AIRCRAFT

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant: 1)HINDUSTAN AERONAUTICS LTD.
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :AIRCRAFT RESEARCH AND DESIGN CENTRE (ARDC), DESIGN COMPLEX,
(86) International Application No	:NA	MARATHALLI POST, BANGALORE - 560 037 Karnataka India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)SAYEED AHMAD
(61) Patent of Addition to Application Number	:NA	2)P.S. UDAPA
Filing Date	:NA	3)T. NANMOZHI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT OF THE INVENTION: Real Time Simulator (RTS) for Brake Management System (BMS) of an Aircraft consists of different models of sub system/components of Brake Management system as shown in fig-1. These models run and interact with each other to simulate braking behavior of aircraft in real time. These models run on PXI based real time controller. These models runs at 300 micro second and interact with each other and all input & output are recorded. BMS Controller embedded with control law, is interfaced with RTS. The RTS gives real time environment of aircraft by simulating high fidelity models. The Patch panel enables selection of either simulated signal or the actual signal as per the test scenario as shown in fig 2 & 3. The facility simulate system failures (partial or total) temporary or permanent to test robustness of the control algorithm of BMS control law and its failsafe operation. BMS control law is tested and evaluated using RTS before testing evaluating BMS on Aircraft through taxi and flight trials. RTS has minimizing number of software builds on aircraft and number of test points on aircraft enabling fast BMS control law clearance & certification and saving time and cost.

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

(21) Application No.2150/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD & PREPARATION OF MOSQUITO REPELLANT PERFUME WITHOUT ANY HARMFUL EFFECT TO HUMAN HEALTH

(51) International classification	:A61P11/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GIRIVAS VISWANATH SHET
(32) Priority Date	:NA	Address of Applicant :MYSORE SANDAL PRODUCTS,.
(33) Name of priority country	:NA	6/1872, SASTHANAGAR, AANAVATHIL,
(86) International Application No	:NA	MATTANCHERRY, COCHIN - 682 002 Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)GIRIVAS VISWANATH SHET
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

NA

No. of Pages: 3 No. of Claims: 6

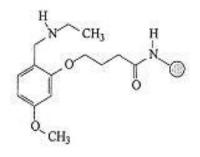
(22) Date of filing of Application :02/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR PREPARING LH-RH AGONIST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61K :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AURO PEPTIDES LTD Address of Applicant: AURO PEPTIDES LTD, PLOT NO.2, IIND FLOOR, MAITRIVIHAR, AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)AGASALADINNI NAGANA GOUD 2)MOHAMMED ABDUL SHAFEE

(57) Abstract:

AN IMPROVED PROCESS FOR PREPARING LH-RH AGONIST The present invention provides an improved process for the preparation of LH-RH agonist by using a novel solid support linker of Formula II.



Formula II

No. of Pages: 19 No. of Claims: 10

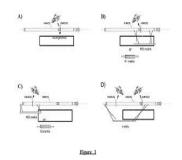
(22) Date of filing of Application :11/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : MEGANUCLEASES VARIANTS CLEAVING A DNA TARGET SEQUENCE IN THE NANOG GENE AND USES THEREOF

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:61/362234	1)CELLECTIS
(32) Priority Date	:07/07/2010	Address of Applicant :8 rue de la Croix Jarry F 75013 Paris
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SOURDIVE David
(87) 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:

Meganuclease variants cleaving DNA target sequences of the NANOG gene vectors encoding such variants and cells expressing them. Methods of using meganuclease variants recognizing NANOG gene sequences for modifying the NANOG gene sequence or for incorporating a gene of interest or therapeutic gene using the NANOG gene as a landing pad and a safe harbor locus.



No. of Pages: 97 No. of Claims: 36

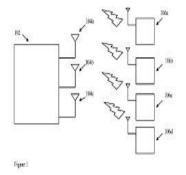
(22) Date of filing of Application :07/01/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHODS AND APPARATUS FOR UPLINK MU MIMO SCHEDULING

:H04W72/12	(71)Name of Applicant: 1)INTEL CORPORATION
	Address of Applicant :2200 Mission College Boulevard Santa
	Clara California 95052 U.S.A.
	(72)Name of Inventor:
	1)GONG Michelle X.
:07/07/2011	2)STEPHENS Adrian P.
:WO2012/009205	
:NA	
:NA	
:NA	
:NA	
	:12/834165 :12/07/2010 :U.S.A. :PCT/US201 1/043187 :07/07/2011 :WO2012/009205 :NA :NA

(57) Abstract:

According to various embodiments a computer implemented method is disclosed that includes receiving a field in a frame or a frame from the one or more STAs wherein the field in a frame or the frame includes information on buffered traffic and a timeout value for a given access category (AC); and scheduling the one or more STAs to transmit uplink traffic simultaneously through a polling frame.



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

(21) Application No.3225/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: CHARGING MEMBER AND MANUFACTURING METHOD THEREOF

(51) International

:G03G15/02,B32B27/00,C08G77/56

:16/09/2011

:NA

classification

(31) Priority Document No :2010221810 (32) Priority Date :30/09/2010

(33) Name of priority country: Japan (86) International :PCT/JP2011/005263

Application No

Filing Date (87) International Publication :WO 2012/042781

(61) Patent of Addition to Application Number

:NA Filing Date

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

(71)Name of Applicant:

1)CANON KABUSHIKI KAISHA

Address of Applicant: 30 2 Shimomaruko 3 chome Ohta ku

Tokyo 1468501 Japan (72)Name of Inventor: 1)TOMOMIZU Yuva 2)KURODA Noriaki

3)SUZUMURA Noriko

(57) Abstract:

Disclosed is a charging member which suppresses adhesion of toner etc. and is capable of stable charging performance. Said charging member has a substrate an elastic layer and a surface layer wherein said surface layer has Si O B bonds and contains a polymeric compound having structural units represented by structural formula (1) and structural units represented by structural formula (2).



No. of Pages: 69 No. of Claims: 8

(21) Application No.5049/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 27/06/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: LASER CUTTING METHOD AND ARTICLES PRODUCED THEREWITH

(51) International :B32B27/36,B23K26/00,B23K26/38 classification

(31) Priority Document No :61/428,395 (32) Priority Date :30/12/2010

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

(86) International Application: PCT/US2011/067826

No :29/12/2011 Filing Date

(87) International Publication :WO 2012/092478 A1

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)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant :3M Center Post Office Box 33427 Saint

Paul Minnesota 55133 3427 U.S.A.

(72)Name of Inventor:

1)WU Pigfan

2)WOO Edward J.

3)OWEN Ian R.

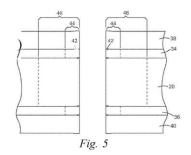
4)TAIT Bruce E.

5)LAPLANT Frederick P.

6)FLEMING Patrick R.

(57) Abstract:

Laser cutting of multilayer optical film bodies comprising polyester and polycarbonate materials.



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

(21) Application No.722/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: BAG MAKING MACHINE PARTS

(51) International classification :	R (71)Name of App	olicant :
(31) Priority Document No :	1)K.R. BHAR(GAVA
(32) Priority Date :	Address of Ap	oplicant :H.NO.4-1012/1, PENSIONERS
(33) Name of priority country :	COLONY, CHIT	TOOR - 2 Andhra Pradesh India
(86) International Application No :	(72)Name of Invo	entor:
Filing Date :	1)K.R. BHAR(GAVA
(87) International Publication No :	<u>.</u>	
(61) Patent of Addition to Application Number :		
Filing Date :		
(62) Divisional to Application Number :		
Filing Date :		

(57) Abstract:

Inventor - K. R. Bhargava Abstract - this is a machine design that is part of the bag making machine. This machine takes as its inputs, two sheets from two rolling wheels and unites them and gives a single sheet roll as the output.

No. of Pages: 2 No. of Claims: 3

(22) Date of filing of Application:14/11/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention: COMPOUND, SYNTHESIS, COMPOSITION AND USES THEREOF

(51) International :C07D239/48,A61K31/505,A61P35/00 classification

(31) Priority Document No :61/333300

(32) Priority Date :11/05/2010 (33) Name of priority :U.S.A.

country

(86) International :PCT/IB2011/001971

Application No :09/05/2011 Filing Date

(87) International :WO 2011/154846

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)KANDULA Mahesh

Address of Applicant: D. No. 11 61 G. Medapadu Andra

Pradesh 533 434 Andhra Pradesh India

(72)Name of Inventor: 1)KANDULA Mahesh

(57) Abstract:

The instant application provides the disclosure for a compound of formula I synthesis of compound of formula I and its pharmaceutical acceptable salts as well as its polymorphs solvates and hydrates thereof. The pharmaceutically acceptable salt may be formulated for oral administration systemic administration transdermal administration and injection. The compound of formula I and its pharmaceutical compositions may be used to treat cancer in mammal.

No. of Pages: 53 No. of Claims: 10

(22) Date of filing of Application :22/02/2010 (43) Publication Date : 30/10/2015

(54) Title of the invention : NEW COMPOSITIONS BASED ON POLYSACCHARIDES GRAFTED BY POLYAMINE OR POLYSULPHURISED COMPOUNDS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61K51/06 :07 56750 :26/07/2007 :France	(71)Name of Applicant: 1)LABORATOIRES CYCLOPHARMA Address of Applicant:BIOPOLE CLERMONT LIMAGNE, 63360 SAINT BEAUZIRE France
(86) International Application No Filing Date	:PC1/EP08/059825 :25/07/2008	(72)Name of Inventor: 1)DENIZOT, BENOIT
(87) International Publication No	:WO 2009/013358 A2	2)LACOEUILLE, FRANCK 3)LE JEUNE, JEAN JACQUES
(61) Patent of Addition to Application Number	er:NA	4)HINDRE, FRANCOIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to new pharmaceutical compositions based on grafted polysaccharides and polyvalent metal complexing agents which are radioactive in particular and to the use thereof in medical imaging, specifically scintigraphy, and in internal radiotherapy.

No. of Pages: 46 No. of Claims: 20

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: INEXPENSIVE SYSTEM FOR REVERSE OSMOSIS WATER PURIFICATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G08B :NA :NA :NA :NA	(71)Name of Applicant: 1)SAMRAT Address of Applicant: E-311, VIT MENS' HOSTEL, VIT UNIVERSITY, VELLORE 632 014 Tamil Nadu India (72)Name of Inventor:
Filing Date	:NA	1)SAMRAT
(87) 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 tongue operated switching module is a significant device to operate the household appliances and the wheel chair wirelessly with the help of tongue. The device has a chin frame 7 with the array of sensor 1, 2, 3, 4, 5. The sensors 1, 2, 3, 4, 5 send signal to the microcontroller 8 that further transmits the signal with the help of RF transmitter. At the other end RF receiver 11 receives signal and send it to another microcontroller 12 for operating different appliances with the help of relay 14. By using this device, any disabled or quadraplegic person having unaltered tongue movement can operate the wheel chair or other home appliances like bulb, fan, alarm, T.V., A.C. etc. very easily and this will assist the person in their day today activity.

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

(22) Date of filing of Application :26/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CBA: CALL BASED AUTHENTICATION

Filing Date :NA (87) International Publication No :NA :NA	GAVA pplicant:BHARGAVA, H.NO.4-1012/1, DLONY, CHITTOOR - 2 Tamil Nadu India
(61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	FAVA

(57) Abstract:

ABSTRACT CBA is cell phone caller id based authentication system that adds one more layer to the conventional user ID, password login process. In the proposed CBA too, the users enter the ID and password as in the conventional login process and then in addition to that they are required to give a missed call or send a SMS from their registered cell phones to the server. If the caller id too matches with the stored one along with the user ID and the password then the respective user is given access to the server otherwise the access is denied. Introduction It is well known that in order to authenticate the user on the server systems (online), for example the conventional E-mail systems, the authentication is done by taking two inputs from the respective user. One is the user ID and the other one is the user password. Both of these, what the user enters into the system in order to authenticate himself, come from the memory of the user. In the E-mail systems though both the inputs are involved in authentication just it falls into the genre user knows as both the inputs come from the memory of the user and it is evident that such single layer authentication systems are more easily vulnerable to hacking and yield to unauthorized access without much resistance. So, in order to make the system more secure, authentication at two levels is deployed, that falls into the category of TFA also known as 2FA. This article explores one such method of two layer authentication approach applicable on the network based systems. As the cell phones are common these days it is not unreal that every network user has a cell phone, by a rule of thumb. Now, this instrument is used in the authentication process along with the conventional user ID and the password thereby adding more security to the system. The Proposed Method In the proposed system, the cell phone number of the respective user is registered with the server system along with the usual user ID and the PIN numbers. If a user wants to login to the server system, then as in the conventional way, he enters his ID and the password. Then these data are sent to the server for verification from the user site and suppose the server authenticates the respective user. Now, without giving access to the user right away, in the proposed method, the system asks the user to give a missed call (all calls are missed calls only, as no one receives these calls at the server) or send toll free SMS to the server number. On the other hand the user could call the server just before she plans to logon to her system or before starting the system or even after getting down from her car. At the server site, by using specialized hardware/software unit, these phone numbers are transferred into the authenticating computer system at the server site. Please note that nothing is done manually and everything is done automatically. The phone is connected to the computer system and the incoming call numbers are automatically sent to the computer system that does the authentication. Now, after the user gives a call, the server checks whether the incoming number is same as the one that is already stored with the system. If both of them match, then the user is granted permission to his account. Otherwise the access is denied. The Caller ID The cell number (caller ID) of the use is also stored at the server along with the other two, the user ID and the password. So, it increases the memory needed at the server side in order to store these cell numbers of the users. But, this is not at all a burden on the service provider, given that at present the memory chips are very cheaper. It gives more security to the system, thus making the system more reliable and hence more customer loyalty and the service provider will naturally draw more customers. It reduces the risk even though the user ID and the password are both stolen unscrupulously, either on the net or from the user. Though both are stolen, the hacker has to get the cell phone of the respective user too in order to crack the server. So, it makes it more difficult for the intruder to hack the system and thus the server system becomes more secure and thus more reliable. If a user wants to change his/her cell number on the server, then some means should be provided. But, this is not a difficult problem and could be done like changing the password at present.

No. of Pages: 3 No. of Claims: 1

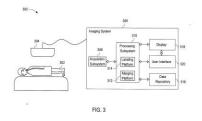
(22) Date of filing of Application :31/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR COMBINING A PLURALITY OF SUBIMAGES

		(71)Name of Applicant:
(51) International classification	:G06T7/00	1)GENERAL ELECTRIC COMPANY
(31) Priority Document No	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(32) Priority Date	:NA	NEW YORK 12345 U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PATEL, HIMA MUKESH
Filing Date	:NA	2)VAIDYA, VIVEK PRABHAKAR
(87) International Publication No	: NA	3)SUNDARARAJAN, RAMASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	GANGAIKONDAN
Filing Date	:NA	4)ANNAMRAJU, RAVI BHARADWAJ
(62) Divisional to Application Number	:NA	5)VENKATESAN, RAMESH
Filing Date	:NA	6)PATIL, MERU ADAGOUDA
		7)SKINNER, JOHN VERNON

(57) Abstract:

A method for combining a plurality of sub-images representing different portions of a region of interest is presented. The method includes obtaining labels corresponding to one or more features in the plurality of sub-images. Further, the method includes determining one or more overlap regions between adjacent sub-images in the plurality of sub-images based on the labels of the one or more objects. Moreover, the method includes aligning the adjacent sub-images based on the determined one or more overlap regions. The method further includes combining the plurality of sub-im to form a continuous image based on the aligned adjacent sub-images. Fig. 3



No. of Pages: 41 No. of Claims: 20

(21) Application No.6154/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/07/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CONTENT RECEIVING DEVICE CONTENT REPRODUCING DEVICE CONTENT RECEIVING AND REPRODUCING DEVICE CONTENT RECEIVING METHOD AND PROGRAM

(57) Abstract:

Provided is a content receiving device that can reduce processing loads at a time when an encrypted stream is decrypted. A video recording and reproducing device 5 includes: a receiving section 20 that receives a video stream in which data of a content containing video is divided into a plurality of TS packets; an extraction section 23 that extracts from the video stream in a case where the video stream received by the receiving section 20 is an encrypted stream a scramble key for decrypting the encrypted stream; a decryption section 24 that decrypts by using the scramble key only a specific packet among the plurality of TS packets; and an obtaining section 25 that obtains predetermined information of the video stream based on data decrypted by the decryption section 24.

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

(21) Application No.9927/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/11/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: VIBRATION DAMPING 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 	:F16F 15/08 :2010-120294 :26/05/2010 :Japan :PCT/JP2011/002558 :06/05/2011 : NA :NA :NA	(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)Chiyaki INOUE
Filing Date	:NA	

(57) Abstract:

A vibration damping device including a first mounting member (12), a second mounting member (14), and a main rubber elastic body (16) assembled in a non-adhesive way. A central protrusion (26) of the first mounting member (12) is inserted into one end of the main rubber elastic body (16), and the other end of the main rubber elastic body (16) is fitted into a depressed portion (42) provided in the second mounting member (14). The main rubber elastic body (16) has a central depression (56) opening toward the depressed portion (42). The first and second mounting members (12, 14) overlap each other with the main rubber elastic body (16) interposed therebetween on a projected image in a direction orthogonal to a direction of opposition thereof under stationary load acting thereon with the two mounting members (12, 14) mounted onto components (18, 20) to be linked in a vibration damping manner.

No. of Pages: 32 No. of Claims: 3

(21) Application No.3336/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR MANAGING ONE OR MORE RULES APPLIED TO DATA IN A DATA STORAGE SYSTEM

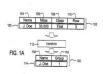
(51) International classification	:G06F 9/44,G06N 5/04	(71)Name of Applicant: 1)AB INITIO TECHNOLOGY LLC
(31) Priority Document No	:11/733,434	Address of Applicant :201 SPRING STREET, LEXINGTON,
(32) Priority Date	:10/04/2007	MASSACHUSETTS 02421 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2008/058360	1)JOEL GOULD
Filing Date	:27/03/2008	2)JOSEPH SKEFFINGTON WHOLEY
(87) International Publication No	:WO/2008/124319	3)TIMOTHY PERKINS
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:4949/CHENP/2009	

(57) Abstract:

Filed on

A method for managing one or more rules applied to data in a data storage system, the method including receiving, over an input device or port, data from the data storage system; and processing, with at least one processor, at least a portion of the received data according to a rule specified by at least a portion of a rule specification, the processing including displaying, in an editor interface, a plurality of portions of the rule specification, applying the rule to one or more records of the received data to obtain result information, and displaying, in the editor interface, at least a portion of the result information in association with a particular displayed portion of the rule specification. Fig. 1

:24/08/2009



No. of Pages: 66 No. of Claims: 39

(21) Application No.5082/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: SPACE FRAMES

(51) International classification	:E06B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAJID PASHA NELLIKURUSSI
(32) Priority Date	:NA	Address of Applicant : AMEEN MANZIL TIRURANGADI
(33) Name of priority country	:NA	(P.O.), MALAPPURAM (DT.) - 676 306 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAJID PASHA NELLIKURUSSI
(87) 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 In a space frame of the type having upper and lower grids of tubular longitudinal and lateral chord members, (3, 8, 22, 17) the chord attachment pads or node discs at intersections of chords (4, 9, 20, 21) of the upper and lower grid being interconnected by oblique struts or webs (13), the longitudinal chords which are welded to a chord attachment pad at the node locations and are continuous at each node intersections, similarly the transverse chords which are welded to another load distribution pad (4, 9, 20, 21) at the nodes and are continuous at each node intersections, the struts or webs (13), which are also tubular, being flattened and deformed at their ends to form attachment pad (31, 16) on the chord attachment pads (4, 9, 20, 21), bolts (14, 18) connecting the three overlapped pads of longitudinal attachment pad, transverse attachment pad (4, 9, 20, 21) and web attachment pad (31, 16).

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

(21) Application No.8908/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: USING EVENT ALERT TEXT AS INPUT TO AN AUTOMATED ASSISTANT

(51) International classification	:G06F17/28	(71)Name of Applicant:
(31) Priority Document No	:61/295,774	1)APPLE INC.
(32) Priority Date	:18/01/2010	Address of Applicant: 1 INFINITE LOOP, CUPERTINO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 95014 U.S.A.
(86) International Application No	:PCT/US2011/020861	(72)Name of Inventor:
Filing Date	:11/01/2011	1)GRUBER THOMAS ROBERT
(87) International Publication No	:WO 2011/088053 A2	2)CHEYER ADAM JOHN
(61) Patent of Addition to Application	:NA	3)GUZZONI DIDIER RENE
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:6734/CHENP/2012	
Filed on	:11/01/2011	

(57) Abstract:

An intelligent automated assistant system engages with the user in an integrated, conversational manner using natural language dialog, and invokes external services when appropriate to obtain information or perform various actions. The system can be implemented using any of a number of different platforms, such as the web, email, smartphone, and the like, or any combination thereof. In one embodiment, the system is based on sets of interrelated domains and tasks, and employs additional functionally powered by external services with which the system can interact.

No. of Pages: 215 No. of Claims: 20

(22) Date of filing of Application :05/02/2013

(43) Publication Date: 30/10/2015

(54) Title of the invention: A VIBRATING METER INCLUDING AN IMPROVED METER CASE

(57) Abstract:

A vibrating meter is provided. The vibrating meter includes one or more conduits formed from a first material. The vibrating meter further includes a driver coupled to a conduit of the one or more conduits and configured to vibrate at least a portion of the conduit at one or more drive frequencies and one or more pick offs coupled to a conduit of the one or more conduits and configured to detect a motion of the vibrating portion of the conduit. The vibrating meter further includes a case enclosing at least a portion of the one or more conduits the driver and the one or more pick offs. The case is formed from a second material comprising a higher vibrational damping characteristic than the first material.

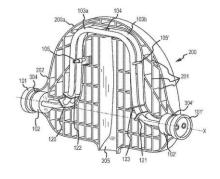


FIG. 3

No. of Pages: 31 No. of Claims: 19

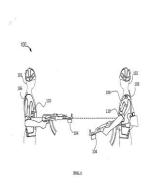
(22) Date of filing of Application :20/11/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: WEAPON RANGE ESTIMATION FOR MULTIPLE EVENT ASSESSMENT

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Zen Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-42 Industrial Estate Sanathnagar
(33) Name of priority country	:NA	Hyderabad Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Kishore Dutt Atluri
(87) International Publication No	: NA	2)M Ravi Kumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

System and method for precise estimation of a weapons range of a simulated weapon related to a firer combatant in order to determine one or more events associated with the target combatant. Fig-1



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

(21) Application No.5190/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: WEARABLE SUPPORTIVE DEVICE FOR MOBILITY AND REHABILITATION

(51) International classification	:A61H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. THIRU MURUGA VEERABAHU
(32) Priority Date	:NA	Address of Applicant :PLOT NO: 70, FIRST LAYOUT,
(33) Name of priority country	:NA	TEACHER'S COLONY, KOLATHUR, CHENNAI - 600 099
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S. THIRU MURUGA VEERABAHU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention is related to deflection based control in mobility assist device for persons suffering from lower extremity disabilities. The device is a wearable supportive system which helps the users in mobility and rehabilitation. The device works on non-bio signal based sensing for the recognizing user commands .The device helps in walking, sitting and standing and further can be unfolded to act as wheelchair.

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

(21) Application No.5549/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/07/2013 (43) Publication Date: 30/10/2015

(54) Title of the invention: SYNTHETIC PATHWAY CONSTRUCTING EQUIPMENT SYNTHETIC PATHWAY CONSTRUCTING METHOD SYNTHETIC PATHWAY CONSTRUCTING PROGRAM AND PROCESSES FOR MANUFACTURING 3 HYDROXYPROPIONIC ACID CROTONYL ALCOHOL AND BUTADIENE

(51) International classification: C12M1/00,B01J19/00,C07B61/00 (71)Name of Applicant:

:WO 2012/081723

(31) Priority Document No :2010281794 (32) Priority Date :17/12/2010

(33) Name of priority country :Japan

(86) International Application :PCT/JP2011/079378

No :19/12/2011 Filing Date

(87) International Publication

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)MITSUBISHI CHEMICAL CORPORATION

Address of Applicant: 1 1 Marunouchi 1 chome Chiyoda ku

Tokyo 1008251 Japan (72) Name of Inventor: 1)ARAKI Michihiro 2)MIYAOKU Kohei

3)TANIGUCHI Takeshi

(57) Abstract:

In order to construct a synthetic pathway of a compound without any limitation on chemical transformation rules this synthetic pathway constructing equipment is provided with: a conversion section for converting the chemical structures of compounds to universal features (UFs); a calculation section for setting pairs of compounds and subtracting the UF of one of the compounds constituting each pair from the UF of the other to calculate the difference features (DFs); a determination section for comparing DFs of known reaction pairs of compounds the reactions related to the known reaction pairs being known with DFs of unknown reaction pairs of compounds the reactions related to the unknown reaction pairs being unknown and thus determining imaginary reactions which are unknown reactions related to unknown reaction pairs of compounds that each have the same DF as that of any of the known reaction pairs of compounds; a synthetic pathway producing section for producing synthetic pathways of compounds using nodes representing compounds and edges representing known reactions and imaginary reactions; and a selection section for selecting synthetic pathways from starting compounds to desired compounds among the synthetic pathways produced above.

No. of Pages: 99 No. of Claims: 32

(22) Date of filing of Application:03/09/2012 (43) Publication Date: 30/10/2015

(54) Title of the invention: ANTIBODIES AGAINST HUMAN CSF 1R AND USES THEREOF

(51) International :C07K16/28,A61P35/00,A61P35/04 classification

(31) Priority Document No :10002269.8

(32) Priority Date :05/03/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/053213

:03/03/2011

Filing Date

(87) International Publication :WO 2011/131407

(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)F. HOFFMANN LA ROCHE AG

Address of Applicant: Grenzacher Strasse 124 CH 4070 Basel

Switzerland

(72) Name of Inventor: 1)FERTIG Georg

2)FIDLER Alexander

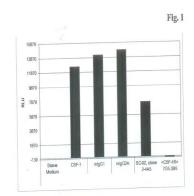
3)KALUZA Klaus 4)THOMAS Marlene

5)RIES Carola

6)SEEBER Stefan

(57) Abstract:	stract:
----------------	---------

The present invention relates to antibodies against human CSF 1R (CSF 1R antibody) methods for their production pharmaceutical compositions containing said antibodies and uses thereof.



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

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention : DEVICE AND METHOD FOR MEASURING CHEMICAL AND PHYSICAL PARAMETERS OF WATER FOR AQUACULTURE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)SREERAM RAAVI
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :R SIVA RAMA KRISHNAIAH, H.NO. 3-54, PEDANANDIPADU (POST & MANDAL), GUNTUR
(86) International Application No	:NA	DISTRICT - 522 235 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SREERAM RAAVI
(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 and method for measuring chemical and physical parameters of the water for aquaculture The present device comprises a power management module; a water quality monitoring module for monitoring, detecting, processing and recording the chemical and physical parameter(s) of the water; a data transmission module for transmitting recorded the chemical and physical parameter (s) wirelessly to a user using a communicating means; a controller module for controlling aerators and auto feeders on receiving the chemical and physical parameter(s) from the data transmission module. The present invention provides real time monitoring and sends an alert signal to the farmers if water quality drops/increases so that farmers can take immediate preventive action to save the fishes/shrimps/prawn.

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

(21) Application No.8904/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/10/2012 (43) Publication Date : 30/10/2015

:11/01/2011

(54) Title of the invention: PRIORITIZING SELECTION CRITERIA BY AUTOMATED ASSISTANT

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:61/295,774	1)APPLE INC.
(32) Priority Date	:18/01/2010	Address of Applicant :1 INFINITE LOOP, CUPERTINO,
(33) Name of priority country	:U.S.A.	CALIFORNIA 95014 U.S.A.
(86) International Application No	:PCT/US2011/020861	(72)Name of Inventor:
Filing Date	:11/01/2011	1)GRUBER THOMAS ROBERT
(87) International Publication No	:WO 2011/088053 A3	2)CHEYER ADAM JOHN
(61) Patent of Addition to Application	:NA	3)GUZZONI DIDIER RENE
Number	:NA	4)BRIGHAM CHRISTOPHER DEAN
Filing Date	.11/11	5)SADDLER HARRY JOSEPH
(62) Divisional to Application Number	:6734/CHENP/2012	

(57) Abstract:

Filed on

An intelligent automated assistant system engages with the user in an integrated, conversational manner using natural language dialog, and invokes external services when appropriate to obtain information or perform various actions. The system can be implemented using any of a number of different platforms, such as the web, email, smartphone, and the like, or any combination thereof. In one embodiment, the system is based on sets of interrelated domains and tasks, and employs additional functionally powered by external services with which the system can interact.

No. of Pages: 214 No. of Claims: 10

(22) Date of filing of Application :03/04/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: CO-EMULSIFICATION OF INSOLUBLE COMPOUNDS WITH TONER RESINS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G03G :13/082,729 :08/04/2011 :U.S.A. :NA :NA	Address of Applicant :45 GLOVER AVENUE, P.O BOX 4505, NORWALK CONNECTICUT 06856-4505 U.S.A. (72)Name of Inventor: 1)ZHOU, KE
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	2)NOSELLA, KIMBERLY, D. 3)SACRIPANTE, GUERINO G. 4)HADZIDEDIC, SONJA
Filing Date	:NA	

(57) Abstract:

A process for making a latex emulsion suitable for use in a toner composition includes co-emulsifying a bio-based resin with an insoluble component, such as a pigment or wax, whereby the resin encapsulates the insoluble component. The resulting latex, including the insoluble component encapsulated in the resin, may then be utilized to form a toner. The insoluble component may thus be included in toner particles, which might otherwise be difficult to achieve, using emulsion aggregation processes.

No. of Pages: 37 No. of Claims: 10

(22) Date of filing of Application :30/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: SELECTIVE GLYCOSIDASE INHIBITORS AND USES THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01N43/78,A61K31/425 :PCT/CN2010/078528 :08/11/2010 :China :PCT/US2011/059668 :08/11/2011 :WO 2012/064680 :NA :NA :NA	(71)Name of Applicant: 1)ALECTOS THERAPEUTICS INC. Address of Applicant:8999 Nelson Way Burnaby British Columbia V5A 4B5 Canada 2)MERCK SHARP & DOHME CORP. (72)Name of Inventor: 1)CHANG Jiang 2)LIU Kun 3)MCEACHERN Ernest J. 4)MU Changwei 5)SELNICK Harold G. 6)SHI Feng 7)VOCADLO David J. 8)WANG Yaode 9)WEI Zhongyong 10)ZHOU Yuanxi 11)ZHU Yongbao
--	---	---

(57) Abstract:

The invention is directed to compounds for selectively inhibiting glycosidases uses of the compounds and pharmaceutical compositions including the compounds and methods of treating diseases and disorders related to deficiency or overexpression of O GlcNAcase and/or accumulation or deficiency of O GlcNAc.

No. of Pages: 222 No. of Claims: 21

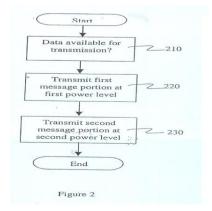
(22) Date of filing of Application :17/08/2012 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MESSAGE COMMUNICATION

(51) International classification	:H04L 1/16	(71)Name of Applicant:
(31) Priority Document No	:60/391,985	1)QUALCOMM INCORPORATED
(32) Priority Date	:25/06/2002	Address of Applicant :5775 MOREHOUSE DRIVE, SAN
(33) Name of priority country	:U.S.A.	DIEGO, CALIFORNIA 92121 U.S.A.
(86) International Application No		(72)Name of Inventor:
Filing Date	:25/06/2003	1)SUBRAHMANYA, PARVATHANATHAN
(87) International Publication No	: NA	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filed on	:2897/CHENP/2004 :25/06/2003	

(57) Abstract:

Methods and apparatus for reducing latency for communication error recovery includes recognizing that an incoming message is due, and requesting retransmission if that message is not properly received. A message is transmitted as two message portions, the first message portion transmitted at a first power level, and the second message portion, which is associated with the first message portion, transmitted at a second lower power level. The first power level is chosen to provide a predetermined probability that the first message portion will be successfully received. Alternatively, the first and second message portions are transmitted such that the first message portion has a greater energy per bit than does the second message portion. At a first time, the first message portion is received. At a second time, wherein the second time has a known relationship to the first time, a signal is received from which the second message portion is not reliably obtained. The receiving device recognizes that the second message portion was not properly received and requests retransmission of at least the second message portion. Figure 2.



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

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: FREQUENCY HOPPING METHOD FOR LTE APERIODIC SOUNDING REFERENCE 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 	:61/389051 :01/10/2010 :U.S.A. :NA :NA : NA : NA	(71)Name of Applicant: 1)RESEARCH IN MOTION LIMITED Address of Applicant: 295 Phillip Street Waterloo ON N2L 3W8 Canada (72)Name of Inventor: 1)CAI Zhijun 2)SMITH Jack 3)GAO Shiwei
Filing Date	:NA	3)GAO Sniwei
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A methodology that enables narrowband aperiodic sounding and frequency hopping through the use of additional RRC configuration thus requiring little or no additional Ll overhead to support narrowband frequency hopping for aperiodic sounding transmissions. More specifically a simple approach for extending the LTE periodic sounding reference signal methodology to include aperiodic sounding. One benefit of the proposed technique is that it enables each UE to perform aperiodic channel sounding in every sounding subframe using a frequency hopped approach where the sounding bandwidth of the UE can be narrowed appropriately to match its link capability. Additional benefits of the new approach include better resource utilization lower signaling overhead faster channel information update rates and lower blocking probabilities.

No. of Pages: 63 No. of Claims: 29

(21) Application No.3862/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012 (43)

(43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR PRODUCING EPOXY 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 	:18/11/2004 :WO/2005/054167 :NA :NA :335/CHENP/2009	(71)Name of Applicant: 1)SOLVAY (SOCIETE ANONYME) Address of Applicant: RUE DU PRINCE ALBERT, 33, B- 1050 BRUSSELS Belgium (72)Name of Inventor: 1)KRAFFT, PHILIPPE 2)GILBEAU, PATRICK 3)GOSSELIN, BENOIT 4)CLAESSENS, SARA
(62) Divisional to Application Number Filed on	:335/CHENP/2009 :18/11/2004	

(57) Abstract:

Process for producing epoxy resins wherein a mixture of dichloropropanoi isomers consisting essentially of 1,3-dichloropropane-2-ol and 2,3-dichloropropane-1-ol and containing at least 50% by weight of 1,3-dichloropropane-2-ol relative to the total mixture dichloropropanoi isomers is used as the starting material

No. of Pages: 38 No. of Claims: 16

(21) Application No.5209/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/07/2013 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR PRODUCING ISOPHORONE

(51) International classification	:C07C45/74,C07C49/603	(71)Name of Applicant :
(31) Priority Document No	:10 2010 062 587.6	1)EVONIK DEGUSSA GMBH
(32) Priority Date	:08/12/2010	Address of Applicant :Rellinghauser Strae 1 11 45128 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/070377	(72)Name of Inventor:
Filing Date	:17/11/2011	1)ORSCHEL Matthias
(87) International Publication No	:WO 2012/076314 A1	2)JANSEN Robert
(61) Patent of Addition to Application	:NA	3)MAIER Martin
Number	:NA	4)GRUND Gerda
Filing Date	.NA	5)SCHWARZ Markus
(62) Divisional to Application Number	:NA	6)NITZ Jrg Joachim
Filing Date	:NA	7)HENGSTERMANN Axel

(57) Abstract:

The invention relates to a method for producing isophorone by catalyzed aldol condensation of acetone as an educt reprocessing the reaction product hydrolyzing the product stream and separating into an organic and an aqueous fraction obtaining isophorone from the organic fraction distillatively reprocessing the aqueous fraction and feeding the vapors from the head of the distillative reprocessing apparatus into the hydrolysis apparatus.

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

(21) Application No.1805/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: COMPOSITE PROSTHETIC DEVICES

:NA

(51) International classification :A61F2/04,A61L27/14,A61L27/02 (71)Name of Applicant : 1)ZEUS INDUSTRIAL PRODUCTS INC. (31) Priority Document No :61/620633 (32) Priority Date :05/04/2012 Address of Applicant :3737 Industrial Blvd. Orangeburg SC (33) Name of priority country 29118 U.S.A. :U.S.A. (72) Name of Inventor: (86) International Application :PCT/US2013/032771 No 1)PUCKETT Sabrina D. :18/03/2013 Filing Date 2)MANASCO Joshua L. (87) International Publication 3)BALLARD Robert L. :WO 2013/151778 4)ANNEAUX Bruce L. (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

The present disclosure provides composite prosthetic devices comprising two or more layers of electrospun polymers and methods of preparation thereof. In some embodiments the two or more layers can be porous and in other embodiments one or more components is nonporous. The composite prosthetic devices can comprise various materials and the properties of the prosthetic devices can be tailored for use in a range of different applications.

No. of Pages: 59 No. of Claims: 35

(21) Application No.1806/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DETERMINING A POSITION BY MEASURING ANGLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:12/03/2013 :WO 2013/135715 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant:Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)KRAUSE Uwe
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The invention relates to a device and a method for determining the position of an object (1) which can be moved in a linear manner. The device comprises a contact unit (4) which is coupled to the object (1) such that the contact unit provides an angle signal (a) that is dependent on the position of the object (1) an angle detecting unit (8) for detecting the angle signal (a) provided by the contact unit (4) and an evaluating unit (9) for evaluating the angle signal (a) detected by the angle detecting unit (8). The position of the object (1) is ascertained using an evaluation function (a(X)) during the evaluation process said evaluation function describing a dependence of the angle signal (a) on the position of the object (1).

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: WASHING MACHINE AND CONTROL METHOD THEREOF

(51) International classification :D06F37/42,D06F39/14 (71)Name of Applicant : (31) Priority Document No 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH :201210104142.3 (32) Priority Date :01/04/2012 Address of Applicant : Carl Wery Str. 34 81739 München (33) Name of priority country :China Germany (86) International Application No :PCT/IB2013/052282 (72) Name of Inventor: Filing Date :22/03/2013 1)ZHAN Yang (87) International Publication No :WO 2013/150410 2)ZHONG Afang (61) Patent of Addition to Application 3)ZHOU Dalei :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a washing machine (100) disposed with a door lock device (30). The door lock device (30) includes: a door lock sliding block (31) disposed with a clipping hole (32) at one end thereof and used for latching in cooperation with the hook (21); a resetting spring (35) disposed on the door lock sliding block (31) and used for resetting the door lock sliding block to an initial state; and a first latching part (40) and a second latching part (50) used for latching the door lock sliding block (31) where the first latching part (40) and the second latching part (50) are both controlled by the washing machine main controller (13); after washing of the washing machine ends the washing machine main controller controls the first latching part (40) and the second latching part (50) to unlock the door lock sliding block (31) the door lock sliding block (31) is restored to the initial state by the action of the resetting spring (35) and the hook (21) is separated from the door lock device (30) by the action of the door lock sliding block (31) to automatically open the washing machine door (20). The present invention further relates to a control method of the washing machine.

No. of Pages: 19 No. of Claims: 9

(21) Application No.1809/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: MOBILE STATION AND COMMUNICATION METHOD

(51) International :H04W60/04,H04W60/06,H04W76/02 classification

(31) Priority Document No :2012-038491

(32) Priority Date :24/02/2012 (33) Name of priority

:Japan country

(86) International :PCT/JP2013/054263

Application No :21/02/2013 Filing Date

(87) International

:WO 2013/125615 **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)NTT DOCOMO, INC.

Address of Applicant: 11-1, Nagatacho 2-chome, Chivoda-ku,

Tokyo 1006150 Japan (72) Name of Inventor: 1)TANAKA, Itsuma 2) TOKUNAGA, Kazuhito 3)OBATA, Hiroshi

(57) Abstract:

Provided are a mobile station and a communication method wherein even if an IP-CAN Bearer, which is a logical communication path used for SIP and audio media, is released for some reason, a state that no incoming calls can be received can be prevented from continuing for a long time. UE (100), which can connect to an access network complying with the internet protocol, executes a registration with an IP multimedia subsystem complying with the internet protocol. The UE (100) comprises: a bearer establishing unit (110) that establishes an IP-CAN Bearer that is a logical communication path between the UE (100) and a PGW constituting the access network; and a registration processing unit (120) that executes a registration of the mobile station with the IP multimedia subsystem when the bearer establishing unit (110) establishes the IP-CAN Bearer.

No. of Pages: 23 No. of Claims: 4

(21) Application No.1824/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PARTIAL OXIDATION REACTION WITH CLOSED CYCLE QUENCH

:C10J3/84,C10J3/86,C10K3/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)PALMER LABS LLC :61/597719 (32) Priority Date Address of Applicant :406 Blackwell Street 4th Floor Durham :11/02/2012 (33) Name of priority country NC 27701 U.S.A. :U.S.A. 2)8 RIVERS CAPITAL LLC (86) International Application No :PCT/US2013/025563 Filing Date :11/02/2013 (72)Name of Inventor: (87) International Publication No :WO 2013/120070 1)ALLAM Rodney John (61) Patent of Addition to 2)FETVEDT Jeremy Eron :NA **Application Number** 3)PALMER Miles R. :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date :NA

(57) Abstract:

The present disclosure relates to a power production system that is adapted to achieve high efficiency power production with complete carbon capture when using a solid or liquid hydrocarbon or carbonaceous fuel. More particularly the solid or liquid fuel first is partially oxidized in a partial oxidation reactor. The resulting partially oxidized stream that comprises a fuel gas is quenched filtered cooled and then directed to a combustor of a power production system as the combustion fuel. The partially oxidized stream is combined with a compressed recycle CO2 stream and oxygen. The combustion stream is expanded across a turbine to produce power and passed through a recuperator heat exchanger. The expanded and cooled exhaust stream is scrubbed to provide the recycle CO2 stream which is compressed and passed through the recuperator heat exchanger and the POX heat exchanger in a manner useful to provide increased efficiency to the combined systems.

No. of Pages: 45 No. of Claims: 54

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DATA ACQUISITION METHOD DEVICE AND MOBILE TERMINAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:18/02/2013 :WO 2013/123868 :NA	(71)Name of Applicant: 1)HUAWEI DEVICE CO. LTD. Address of Applicant: Building B2 Huawei Industrial Base Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)CHEN Lei
(61) Patent of Addition to Application	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Disclosed in an embodiment of the present invention are a data acquisition method device and mobile terminal. The data acquisition method can be used in a device comprising a plurality of data acquisition units the method comprising: at least two data acquisition units simultaneously acquire initial data at respective acquisition frequencies according to an acquisition start time; and according to a synchronous acquisition frequency acquiring the initial data acquired by the at least two data acquisition units to obtain the synchronous data the synchronous acquisition frequency being a frequency of a common divisor of the respective acquisition frequencies of the at least two data acquisition units. By adjusting the acquisition start time of the at least two data acquisition units and simultaneously capturing the synchronous data from the initial data at the synchronous acquisition frequency the data acquisition method device and mobile terminal acquire multiple sets of accurate data acquired at the same time by respective data acquisition units thus an application program utilizing the multiple sets of accurate data can avoid the occurrence of error.

No. of Pages: 33 No. of Claims: 17

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : DELIVERY ASSEMBLY FOR MACHINES FOR PREPARING LIQUID PRODUCTS VIA CARTRIDGES

(51) International classification (71)Name of Applicant: :A47J31/36 (31) Priority Document No :TO2012A000249 1)LUIGI LAVAZZA S.P.A. (32) Priority Date Address of Applicant :Corso Novara 59 I 10154 Torino Italy :20/03/2012 (33) Name of priority country (72)Name of Inventor: :Italy (86) International Application No :PCT/IB2013/051543 1)BUGNANO Luca Filing Date :26/02/2013 2) CABILLI Alberto (87) International Publication No :WO 2013/140282 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A delivery assembly for a machine for preparing liquids product by means of cartridges (10) includes: an injector device (34) to let water and/or steam under pressure in the cartridge (10) an infusion chamber (31) facing the injector device (34) and capable of receiving one said cartridge (10) retention means (42,47) capable of maintaining the cartridge (10) in a position substantially coaxial to the infusion chamber (31) and the injector device (34). The retention means comprise: a support element (42) of the cartridge (10) sustained in a displaceable way by the injector device (34) in a part thereof that generally faces towards the outlet passage (41); and guiding means (47b) mounted in a fixed position at generally opposite side parts of the injector device (34) that frontally protrude from the injector device (34) and are capable of laterally constraining the cartridge (10) to guide it until a position substantially coaxial to the infusion chamber (31).

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

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: STRADDLE-TYPE VEHICLE.

(31) Priority Document No :2013- 206827	(71)Name of Applicant: 1)YAMAHA HATSUDOKI KABUSHIKI KAISHA Address of Applicant: 2500 SHINGAI,IWATA-SHI, SHIZUOKA-KEN,438-8501,JAPAN (72)Name of Inventor: 1)YU SEKIYA 2)KENGO MINAMI
--	--

(57) Abstract:

A case 25 of an engine unit 20 has a clutch housing part 25A housing a clutch 30. The clutch housing part 25A has an upper portion 25a located higher than a part housing a transmission 40. A clutch actuator 60 is provided leftward apart from the upper portion 25a and provided so that a part thereof may overlap with the upper portion 25a in a side view of a vehicle body. The dutch actuator 60 is connected to the clutch 30 via a link mechanism Li.Accordingly, the degree of freedom of the layout of the clutch actuator may be increased, and the engine unit and the clutch actuator may be compactly laid out. Thereby, a straddle-type vehicle that may suppress upsizing of the vehicle body is provided.

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

(21) Application No.1847/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: CONTINUOUS HOT DIP ZINC PLATING FACILITY

:C21D9/56,C21D1/76,C23C2/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2012087313 (32) Priority Date :06/04/2012

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/001156

Filing Date :27/02/2013

(87) International Publication No: WO 2013/150710

(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)SATO Nobuyuki

(57) Abstract:

Provided is a continuous hot dip zinc plating facility which can prevent without fail the surface of a steel sheet from being oxidized in an annealing furnace and can thereby attain stable production of a zinc coated steel sheet having an excellent coating layer. This continuous hot dip zinc plating facility has an annealing furnace of an all radiant tube heating type said annealing furnace being provided with a water removal unit by which an atmospheric gas present in the annealing furnace is recovered freed from water and then returned to the furnace. In the annealing furnace both a dew point instrument for measuring the dew point of an atmospheric gas present in the furnace and a discharge port for recovering an atmospheric gas present in the furnace are disposed at each of at least two points. One of the points is a point present on the side wall in the neighborhood of the inlet of the annealing furnace and the other thereof is a point which is present on the side wall in the neighborhood of the furnace top or bottom side end and at which the temperature of a steel sheet reaches the maximum. Further supply ports for supplying the atmospheric gas which has been freed from water in the water removal unit to the furnace are disposed respectively on the side walls at points which are opposite to the two points in the heightwise direction of the furnace. Thus the continuous hot dip zinc plating facility makes it possible to control stably the dew point of an atmospheric gas to 45 to 80°C over the whole area of an annealing furnace.

No. of Pages: 32 No. of Claims: 4

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : STEEL SHEET PILE STEEL SHEET PILE WALL FORMED FROM STEEL SHEET PILE AND METHOD FOR PRODUCING STEEL SHEET PILE

(51) International classification (71)Name of Applicant: :E02D5/04 (31) Priority Document No :2012093324 1)JFE STEEL CORPORATION (32) Priority Date Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda :16/04/2012 (33) Name of priority country ku Tokyo 1000011 Japan :Japan (86) International Application No :PCT/JP2013/001832 (72)Name of Inventor : Filing Date :18/03/2013 1)ONDA Kunihiko (87) International Publication No :WO 2013/157198 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided are: a steel sheet pile which exhibits significant size adjustment freedom and retains joint strength and accuracy; a method for producing the same; and a steel sheet pile wall formed from a steel sheet pile. This steel sheet pile (1) is obtained by joining a base member having no joint section and produced by rolling or folding to a linear steel sheet pile divided first member (7) and a linear steel sheet pile divided second member (11) which at least have joint sections and are obtained by cutting a linear steel sheet pile (3) formed by hot rolling. Furthermore this steel sheet pile (1) is characterized in that the base member is formed into a U shaped base member (13) which is U shaped and both ends of the U shaped base member (13) respectively have the linear steel sheet pile divided first member (7) and the linear steel sheet pile divided second member (11) joined thereto causing the overall shape to be a shape equipped with arm parts (10) having joint sections at the tips thereof and extending outward from both ends of the U shaped section which is substantially U shaped in the axial direction orthogonal cross section thereof.

No. of Pages: 31 No. of Claims: 8

(21) Application No.1860/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: APPARATUS AND METHOD FOR IRRADIATING BIOLOGICAL TISSUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61N5/00,A61N2/02,A61B18/18 :NA :NA :NA :PCT/IB2012/050453 :31/01/2012	(71)Name of Applicant: 1)PRODOLUX SP Z O O Address of Applicant:Rydygiera Ludwika 8 lok. BUD. 3A województwo mazowieckie PL 01 793 Warszawa Poland (72)Name of Inventor: 1)ZACHAR Oron
(87) International Publication No	:WO 2013/114156	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention delineates methods and devices for non invasive generation of concentrated electric fields within a subject animal body using electromagnetic field sources placed outside of said animal body. Said sources placed externally of the body are operable to induce electric currents within the body of that subject and particularly in the brain. In particular embodiments devices according to the invention can be used for focused deep brain stimulation (DBS) of selected brain regions with minimal effect on undesired other brain regions.

No. of Pages: 40 No. of Claims: 35

(22) Date of filing of Application :30/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: LIGANDS FOR ANTIBODY AND FC FUSION PROTEIN PURIFICATION BY AFFINITY CHROMOTOGRAPHY IV

(51) International

:C07K1/22,B01D15/38,C07D317/66 classification

(31) Priority Document No :12154471.2 (32) Priority Date :08/02/2012

(33) Name of priority country: EPO

(86) International :PCT/EP2013/052564 Application No

:08/02/2013 Filing Date

(87) International Publication :WO 2013/117707

(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)GRAFFINITY PHARMACEUTICALS GMBH

Address of Applicant :Im Neuenheimer Feld 518 69120

Heidelberg Germany (72) Name of Inventor: 1)BITTERMANN Holger

2)ARNOLD Marc 3)NEUMANN Thomas

4)OTT Inge

5)SCHMIDT Kristina 6)SEKUL Renate

(57) Abstract:

The present invention relates to the use for affinity purification of an antibody or an fragment of an antibody, of a ligand-substituted matrix comprising a support material and at least one ligand covalently bonded to the support material, the ligand being represented by formula (I) L (Sp) Ar Am Arwherein L is the linking point on the support material to which the ligand is attached; Sp is a spacer group; v is 0 or 1; Am is an amide group NR C(O) and wherein either NR is attached to Ar and C(O) is attached to Ar or C(O) is attached to Ar and NR is attached to Ar; and R is hydrogen or C to C alkyl more preferably hydrogen or methyl; and most preferably hydrogen; Ar is a 5 6 or 7 membered mononuclear aromatic ring or partially saturated aromatic ring connected to Sp or L via a chemical bond and which is optionally furthermore (a) attached to a further 5 or 6 membered mononuclear aromatic ring via a chemical bond; or (b) fused to a mononuclear or binuclear aromatic ring as part of a multinuclear ring system wherein Ar is directly connected to Am via a chemical bond present on the said 5 6 or 7 membered aromatic ring constituting Ar or indirectly via a chemical bond which is either present at the further 5 or 6 membered aromatic ring attached to Ar or on the further 5 or 6 membered aromatic ring fused to Ar; and wherein Ar is either not further substituted or attached to at least one substituent selected from C to Calkyl; Cand C cycloalkyl; C to C alkenyl; C to C alkynyl; a halogen; C to C haloalkyl;;; hydroxyl substituted C to C alkyl; C to C alkoxy; hydroxyl substituted C to C alkoxy; halogen substituted C to C alkoxy; C to C alkylamino; C to C alkylthio; NO: =O: =S: =NH; OH; and combinations thereof; Ar is a 5 or 6 membered mononuclear aromatic ring which is unsubstituted or via a chemical bond attached to at least one substituent selected from C to C alkyl; C to C cycloalkyl; C to C alkenyl; C and C cycloalkenyl; C to C alkynyl; a halogen; Cto C haloalkyl; hydroxyl substituted C to C alkyl; C to C alkoxy; hydroxyl substituted C to C alkoxy; halogen substituted C to C alkoxy; C to C alkylamino; C to Calkylthio; carbamoyl; methylenedioxy; ethylenedioxy; OH; SH; a 5 or 6 membered mononuclear aromatic ring; and combinations thereof; and wherein Ar optionally further to the substituents to which it may be attached via a chemical bond as cited above is fused to a 5 or 6 membered mononuclear aromatic ring as part of a multinuclear ring system.

No. of Pages: 105 No. of Claims: 17

(21) Application No.1862/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: PERCUSSION DEVICE

(51) International classification :B25D9/02,B25D9/18,E21B4/14 (71)Name of Applicant :

(31) Priority Document No :10 2012 010 094.9

(32) Priority Date :23/05/2012

(33) Name of priority country :Germany

(86) International Application No: PCT/DE2013/000178

Filing Date :05/04/2013 (87) International Publication No: WO 2013/174359

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) CONSTRUCTION TOOLS GMBH

Address of Applicant : Helenenstrasse 149 45143 Essen

Germany

(72) Name of Inventor: 1)MELLWIG Markus 2)AUTSCHBACH Uwe

(57) Abstract:

The invention relates to a percussion device comprising a percussion mechanism housing which has a receiving bore in which a percussion piston is mounted such that it is movable along the longitudinal axis wherein at least one percussion mechanism guide surface having an inner diameter is formed in the receiving bore and at least one percussion piston guide surface having an outer diameter is formed on the percussion piston. In order to avoid radial contact between the percussion piston and the percussion mechanism housing as far as possible to reduce the volume of oil leakage through the gap of the guide surface and to prevent wear on the guide surfaces and on the lands between the seals according to the invention the percussion mechanism guide surface has at least in some regions an inner diameter that increases non linearly in the axial direction and/or the percussion piston guide surface has an outer diameter that decreases non linearly in the axial direction.

No. of Pages: 58 No. of Claims: 13

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: INTEGRATED UNIT FOR INTAKE AND PRETREATMENT WITH LOCAL BACKWASHING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D24/20,B01D24/46 :61/597790 :12/02/2012 :U.S.A. :PCT/IB2013/050800 :30/01/2013 :WO 2013/118031 :NA :NA	Address of Applicant :Hamatechet Street P.O.B. 5016 Hasharon Industrial Park 60920 Kadima Israel (72)Name of Inventor: 1)LIBERMAN Boris 2)LEVY Amnon 3)ROJANSKIY Henrikh 4)LEVITIN Vitaly 5)ILEVICKY OZEL Maya 6)GREENBERG Gal 7)FAIGON Miriam
(62) Divisional to Application Number Filing Date	:NA :NA	7)FAIGON Miriam 8)AMAR Shimon 9)SPIVAK Josef

(57) Abstract:

Locally backwashing portions of filter media allows a simple and effective design of intake and pretreatment units as well as their integration. An enclosure is used to limit portions of filter media and backwash them locally by suction utilizing filtered water from adjacent filter media as the back wash water. Wastewater is produced at small amounts that allows efficient sludge treatment. This design enables water pretreatment at the intake unit simplifying overall plant design and preventing damage to organisms living outside the intake unit.

No. of Pages: 28 No. of Claims: 11

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: COMPOSITE OXIDE BLACK PIGMENT AND METHOD FOR PRODUCING SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2012084288 :02/04/2012 :Japan :PCT/JP2013/059627 :29/03/2013 :WO 2013/150983 :NA :NA	(71)Name of Applicant: 1)DAINICHISEIKA COLOR & CHEMICALS MFG. CO. LTD. Address of Applicant: 7 6 Nihonbashi Bakuro cho 1 chome Chuo ku Tokyo 1038383 Japan (72)Name of Inventor: 1)NISHIO Akira 2)KAWAKAMI Toru 3)YAMANE Kenichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention is a composite oxide black pigment that possesses the property of absorbing visible light rays and near infrared rays and comprises oxides of main constituent metals including copper manganese and iron. Within a wavelength range of 400 to 1000 nm a minimum wavelength at which transmittance reaches a minimum exists in the wavelength range 600 to 800 nm; the molar ratio of manganese/iron is 3/1 to 30/1 and the molar ratio of copper/(manganese + iron) is 1/2 to 1.2/2. This makes it possible to obtain a vivid bluish tint in a transparent neutral gray by using the black pigment alone maximizes the absorption of the near infrared region and provides excellent absorption properties for the near infrared region.

No. of Pages: 65 No. of Claims: 12

(21) Application No.1866/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date: 30/10/2015

(54) Title of the invention: MEASURING TRANSDUCER 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 Filing Date 	:01/03/2013 :WO 2013/135506 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)HAIN Stefan 2)MILEWSKI Peter 3)OLSZEWSKI Wojciech
Filing Date	:NA	

(57) Abstract:

A measuring transducer arrangement has a voltage sensor and a current sensor. The voltage sensor is equipped with a measuring electrode (1a,1b,1c) for recording an electric voltage. The current sensor is equipped with a probe (10a,10b,10c) for recording an electric current. The measuring electrode (1a,1b,1c) is equipped with a receptacle (9a,9b,9c) in which the probe (10a,10b,10c) of the current sensor is positioned.

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

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DRIVE CASCADE SYSTEM FOR A WATERCRAFT

:B63H23/24,B60L11/08 (71)Name of Applicant : (51) International classification 1) SIEMENS AKTIENGESELLSCHAFT (31) Priority Document No :10 2012 203 820.5 (32) Priority Date Address of Applicant: Wittelsbacherplatz 2 80333 München :12/03/2012 (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2013/054611 (72) Name of Inventor: 1)HARTIG Rainer Filing Date :07/03/2013 (87) International Publication No :WO 2013/135557 2)SCHRÖDER Dierk (61) Patent of Addition to Application 3)TIGGES Kay :NA Number 4)WYCISK Michael :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a drive method for a drive system which provides a drive method for a drive system having the following method steps: operation of at least one drive propeller 2 of the drive system below a first predefinable propeller rotational speed according to a first operating state by operating at least one drive motor 5 connected to the at least one drive propeller 2 of the drive system by means of a first alternating voltage wherein according to the first operating state at least one power inverter 22 makes available the first alternating voltage; operation of the at least one drive propeller 2 above the first predefinable propeller rotational speed according to a second operating state by operating the at least one drive motor 5 by means of a second alternating voltage wherein according to the second operating state a first internal combustion engine 3 drives a first generator 4 which generates the second alternating voltage. In order to be able to move a watercraft from the stationary state up to the maximum speed and vice versa with continuous propulsion while avoiding jerky changes in propulsion with simultaneously economical operation of the individual drive components it is proposed in the case of a transition from the first operating state into the second operating state or vice versa initially to operate the first internal combustion engine 3 at such a rotational speed that the at least one drive propeller 2 is driven at the first predefinable propeller rotational speed and to synchronize the first alternating voltage with the second alternating voltage by means of the at least one power inverter.

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

(22) Date of filing of Application :02/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DIFFERENTIAL GEAR FOR A MOTOR VEHICLE

(51) International classification	:F16H48/40	(71)Name of Applicant:
(31) Priority Document No	:10 2012 004 389.9	1)DAIMLER AG
(32) Priority Date	:03/03/2012	Address of Applicant :Mercedesstrasse 137 70327 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/000202	(72)Name of Inventor:
Filing Date	:23/01/2013	1)BERNDT Alexander
(87) International Publication No	:WO 2013/131600	2)BUENTING Andreas
(61) Patent of Addition to Application	:NA	3)ELSNER Christian
Number		4)KRAJEWSKI Christian
Filing Date	:NA	5)KRAUTER Hartmut
(62) Divisional to Application Number	:NA	6)THOME Lena
Filing Date	:NA	

(57) Abstract:

The invention relates to a differential gear (10) for a motor vehicle comprising at least one housing part (12) as a first gear part and a crown wheel (22) as a second gear part these being interconnected using a press fit by means of specific first connecting surfaces (26,28) which run in the axial direction and also being interconnected with the formation of a weld seam (34) by means of specific second connecting surfaces (30,32) which run at an incline to the axial direction. One of the gear parts (12,22) is formed from a steel and the other gear part (12) is formed from a cast iron material. The invention also relates to such a differential gear (10) in which the second connecting surfaces (30,32) are directly attached to the first connecting surfaces (26,28).

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

(22) Date of filing of Application :02/09/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DETERMINING THE QUALITY OF THE VOLTAGE AND/OR CURRENT OF AN ENERGY SUPPLY 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 (62) Divisional to Application Number Filing Date (51) International Classification SNA SPCT/EP2012/054901 SPCT/EP2	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)SCHRÖDER Stephan 2)DESNICA Sasa
--	---

(57) Abstract:

The invention relates to a method for determining the quality of the voltage (U) and/or current of an energy supply device wherein parameters (U Eff, f,H3,H5,GHV) of the voltage and/or current are continuously detected and the quality of the voltage (U) and/or current is determined from the detected parameters (U Eff, f,H3,H5,GHV). To make it easier to determine the quality of the voltage (U) and/or current using such a method disconnections (A) of the energy supply device carried out specifically are detected according to the method of the invention. Parameters (U Eff, f,H3,H5,GHV) detected over the duration of the disconnections (A) are explicitly indicated as such. The invention also relates to an arrangement (7) for determining the quality of the voltage (U) and/or current of an energy supply device.

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

(22) Date of filing of Application :02/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: CATALYTIC BIOMASS PYROLYSIS PROCESS

(51) International classification:C10B53/02,C10G1/08,C10L10/02 (71)Name of Applicant:

(31) Priority Document No :61/607866 (32) Priority Date :07/03/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/029379

:06/03/2013 Filing Date

(87) International Publication

:WO 2013/134391 (61) Patent of Addition to

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

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

1) RESEARCH TRIANGLE INSTITUTE

Address of Applicant: 3040 Cornwallis Road P.O. Box 12194

Research Triangle Park North Carolina 27709 U.S.A.

(72) Name of Inventor: 1)DAYTON David C. 2) GUPTA Raghubir P. 3)TURK Brian S.

4)KATARIA Atish 5)SHEN Jian Ping

(57) Abstract:

Described herein are processes for converting a biomass starting material (such as lignocellulosic materials) into a low oxygen containing stable liquid intermediate that can be refined to make liquid hydrocarbon fuels. More specifically the process can be a catalytic biomass pyrolysis process wherein an oxygen removing catalyst is employed in the reactor while the biomass is subjected to pyrolysis conditions. The stream exiting the pyrolysis reactor comprises bio oil having a low oxygen content and such stream may be subjected to further steps such as separation and/or condensation to isolate the bio oil.

No. of Pages: 36 No. of Claims: 44

(21) Application No.1878/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: TYRE AND WHEEL FRAME FOR MAKING SAME

(51) International classification :B29D30/12,B60C7/10,B29D30/08

(31) Priority Document No :1020120011070
(32) Priority Date :03/02/2012
(33) Name of priority country :Republic of Korea

(86) International Application :PCT/KR2013/000783

Filing Date :31/01/2013

(87) International Publication :WO 2013/115575

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

Filing Date
(62) Divisional to Application
Number
Filing Date

NA

NA

:NA

(71)Name of Applicant : 1)SONG Deoksoo

Address of Applicant :940 5 Youngdeok dong Giheung gu

Yongin si Gyeonggi do 446 908 Republic of Korea

(72)Name of Inventor: 1)SONG Deoksoo

(57) Abstract:

Disclosed is a tyre. The tyre comprises: an outer skin layer of U form wherein one side is open and the end parts positioned in the opening direction join onto a rim; a foamed synthetic resin layer which fills the inside of the outer skin layer; and a recess formed in the filling foamed synthetic resin layer adjacent to the end parts.

No. of Pages: 41 No. of Claims: 13

(22) Date of filing of Application :02/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SIGNAL ENCODING AND DECODING METHOD AND DEVICE

(32) Priority Date :29/ (33) Name of priority country :Ch (86) International Application No :PC Filing Date :23/	01210087702.9 0/03/2012 hina CT/CN2012/075924 0/05/2012 0/0 2013/143221 A A	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)LIU Zexin 2)MIAO Lei 3)QI Fengyan
---	--	--

(57) Abstract:

Provided are a signal encoding and decoding method and device. The method for signal encoding comprises: according to an input signal obtaining a frequency domain signal; according to a preset allocation rule allocating a preset bit to the frequency domain signal; under the condition that the maximum frequency of the frequency domain signal of bit allocation is greater than a preset value adjusting the bit allocation of the frequency domain signal; and according to the bit allocation of the frequency domain signal encoding the frequency domain signal.

No. of Pages: 48 No. of Claims: 25

(21) Application No.1813/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: NANOLAMINATED COATED CUTTING TOOL

(51) International :C23C14/06,C23C14/32,C23C30/00

:NA

classification (31) Priority Document No :12158414.8

(32) Priority Date :07/03/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/054514

:06/03/2013

Filing Date

(87) International Publication :WO 2013/131961

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

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

Number Filing Date (71)Name of Applicant: 1)SECO TOOLS AB

Address of Applicant: S 737 82 Fagersta Sweden

(72)Name of Inventor: 1)ANDERSSON Jon 2)JOHANSSON Mats

(57) Abstract:

The present invention relates to a cutting tool insert machining by chip removal comprising a body of a hard alloy of cemented carbide cermet ceramics cubic boron nitride based material or high speed steel onto which a hard and wear resistant coating is deposited by physical vapor deposition (PVD) Said coating comprises at least one polycrystalline nanolaminated structure comprising sequences of alternating A and B layers where said layer A is (A1Me1)N with 0.3 < x1 < 0.95 0.9 < y1 < 1.1 and Me1 is one or more of the elements Ti Y V Nb Mo Si and W or Me1 is Ti and one or more of the following elements Y V Nb Mo Si Cr and W and said layer B is (ZrSiMe2)N with $0 < x2 < 0.30 \ 0.90 < y2 < 1.20 \ 0.25$ and Me2 is one or more of the elements Y Ti Nb Ta Cr Mo W and A1 the average individual thickness of A and B layers is between 1 nm and 50 nm and the nanolaminated structure has a thickness between 0.5 µm and 15 µm. The invention also relates to a method for coating the insert and the use thereof. This insert shows improved tool life due to increased wear resistance and edge integrity in metal cutting applications at elevated temperatures.

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

(21) Application No.1814/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: TRIAZOLO[4 5 D]PYRIMIDINE DERIVATIVES

(51) International :C07D487/04,A61K31/519,A61P35/00

classification

(31) Priority Document No :12000558.2 (32) Priority Date :28/01/2012 (33) Name of priority

:EPO country

(86) International :PCT/EP2012/005358 Application No

:21/12/2012 Filing Date

(87) International :WO 2013/110309

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)MERCK PATENT GMBH

Address of Applicant: Frankfurter Strasse 250 64293

Darmstadt Germany (72)Name of Inventor: 1)DORSCH Dieter

2)HOELZEMANN Guenter

3)SCHIEMANN Kai 4)WEGENER Ansgar

(57) Abstract:

Compounds of the formula (I) in which R1 and R2 have the meanings indicated in Claim 1 are inhibitors of GCN2 and can be employed inter alia for the treatment of cancer.

No. of Pages: 155 No. of Claims: 18

(21) Application No.1815/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROSTHETIC CAPSULAR BAG AND METHOD OF INSERTING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F2/16 :13/402398 :22/02/2012 :U.S.A. :PCT/US2013/026820 :20/02/2013 :WO 2013/126380 :NA :NA :NA	(71)Name of Applicant: 1)OMEGA OPHTHALMICS LLC Address of Applicant: P.O.Box 910871 Lexington KY 40591 U.S.A. (72)Name of Inventor: 1)WORTZ Gary N.
--	--	--

(57) Abstract:

The present invention relates to a prosthetic capsular bag and method for inserting the same. The prosthetic capsular bag helps to maintain the volume of the natural capsular bag thereby stabilizing the effective lens position of an IOL so that refractive outcomes may be improved with cataract surgery. The prosthetic capsular bag further provides an integrated refractive surface providing a means for experimentally determining an effective lens position prior to inserting an IOL.

No. of Pages: 29 No. of Claims: 14

(22) Date of filing of Application :27/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD AND APPARATUS FOR EFFICIENT FUEL CONSUMPTION

:B60L11/00,H02J7/00,H02J7/14 (71)Name of Applicant : (51) International classification

(31) Priority Document No :13/408903 (32) Priority Date :29/02/2012

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

(86) International Application No: PCT/US2013/027922

Filing Date :27/02/2013 (87) International Publication No: WO 2013/130533

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

:NA Number :NA Filing Date

1)INI POWER SYSTEMS INC.

Address of Applicant :175 Southport Drive Suite 100

Morrisville NC 27560 U.S.A. (72) Name of Inventor: 1)MARKOSKI Larry J.

(57) Abstract:

A method for efficient fuel consumption comprises recharging batteries or operating a device carrying out a task with an engine through an electrical connection. The method also includes monitoring at least one of (i) current in the electrical connection (ii) voltage of the batteries and (iii) length of time of the recharging or task to determine if the recharging has reach a preselected endpoint or the task has been completed. The method further includes generating a signal through a communication link to cause the engine to stop operating by: (a) preventing operation of a spark plug (b) preventing delivery of fuel to the engine or (c) preventing delivery of oxygen to the engine.

No. of Pages: 30 No. of Claims: 45

(22) Date of filing of Application :11/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: AGGREGATION OF RESOURCES IN ENHANCED CONTROL 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 	:H04L5/00 :61/612803 :19/03/2012 :U.S.A. :PCT/SE2013/050300 :19/03/2013 :WO 2013/141801 :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)FRENNE Mattias 2)CHENG Jung Fu 3)FURUSKOG Johan 4)KOORAPATY Havish 5)LARSSON Daniel
Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	5)LARSSON Daniel
Filing Date	:NA	

(57) Abstract:

The set of resource aggregation levels available for forming an enhanced control channel message may vary from one subframe to another based on the level of puncturing in the transmitted subframes. An example method begins with determining (2710) members of a set of aggregation levels usable to aggregate the non overlapping subsets of resource elements for transmitting downlink control information. This determining is based on a puncturing level to be used for the transmission of the downlink control information. Downlink control information for the given subframe is mapped (2720) to one or more non overlapping subsets of resource elements in the at least one block of time frequency resources according to an aggregation level selected from the determined set and then transmitted (2730) in the one or more non overlapping subsets. This method may be repeated for each of several subframes where the puncturing may differ from one subframe to another.

No. of Pages: 52 No. of Claims: 18

(21) Application No.1850/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: HOT ROLLED STEEL PLATE FOR SQUARE STEEL TUBE FOR USE AS BUILIDING STRUCTURAL MEMBER AND PROCESS FOR PRODUCING SAME

(51) International classification: C22C38/00, C21D8/02, C22C38/06 (71) Name of Applicant:

:WO 2013/153679

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

(86) International Application :PCT/JP2012/060526

:12/04/2012 Filing Date

(87) International Publication

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan

(72) Name of Inventor:

1)KAMI Chikara 2)TAMURA Yuta 3)TAMAI Takato

4)KAWAMURA Shuji

(57) Abstract:

Provided is a hot rolled steel plate suitable as a raw material for a square steel tube for use as a building structural member. This hot rolled steel plate contains in mass% 0.07 to 0.18% of C 0.3 to 1.5% of Mn 0.01 to 0.06% of Al and at most 0.006% of N with the balance being Fe and unavoidable impurities and comprises a primary phase consisting of ferrite and a secondary phase consisting of pearlite or both pearlite and bainite. The frequency of the second phase is 0.20 to 0.42 and the mean grain diameter of the primary and secondary phases is 7 to 15µm. A square steel tube which combines a low yield ratio and high toughness can be produced by subjecting the hot rolled steel plate to cold forming.

No. of Pages: 71 No. of Claims: 12

(21) Application No.1851/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 30/10/2015

:NA

:NA

(54) Title of the invention : STEEL SHEET PILE STEEL SHEET PILE WALL FORMED FROM STEEL SHEET PILE AND METHOD FOR PRODUCING STEEL SHEET PILE

(51) International classification :E02D5/04,B21B1/082 (71)Name of Applicant : (31) Priority Document No 1)JFE STEEL CORPORATION :2012093325 (32) Priority Date Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda :16/04/2012 (33) Name of priority country ku Tokyo 1000011 Japan :Japan (86) International Application No :PCT/JP2013/001833 (72) Name of Inventor: Filing Date :18/03/2013 1)ONDA Kunihiko (87) International Publication No :WO 2013/157199 (61) Patent of Addition to Application :NA Number :NA

(57) Abstract:

Filing Date

Filing Date

Provided are: a steel sheet pile which exhibits significant freedom in size and retains joint strength and accuracy; a method for producing the same; and a steel sheet pile wall formed from a steel sheet pile. This steel sheet pile (1) is characterized in that: an L base member (13) having no joint section and produced by rolling or folding is joined to a U shaped steel sheet pile divided first member (7) and a U shaped steel sheet pile divided second member (11) which at least have joint sections and are obtained by cutting a U shaped steel sheet pile (3) formed by hot rolling; and the overall shape is a shape equipped with arm parts (14) extending outward from both ends of the U shaped section which is substantially U shaped in the axial direction orthogonal cross section thereof.

No. of Pages: 56 No. of Claims: 13

(62) Divisional to Application Number

(21) Application No.1961/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014 (43) Publication Date : 30/10/2015

:NA

:NA

:NA

(54) Title of the invention : DEVICE FOR DETECTING THE P R N D M+ M AND M POSITIONS OF A GEAR LEVER OF A GEARBOX OF A MOTOR VEHICLE

:F16H59/04,F16H59/10 (71)Name of Applicant : (51) International classification (31) Priority Document No :1252530 1)DURA AUTOMOTIVE SYSTEMS SAS (32) Priority Date Address of Applicant :14 Parc Burospace Route de Gisy F :21/03/2012 (33) Name of priority country 91570 Bievres France :France (86) International Application No :PCT/FR2013/050597 (72) Name of Inventor: Filing Date :20/03/2013 1)DEROUET Hugues (87) International Publication No :WO 2013/140093 2) BEAUFILS Dominique (61) Patent of Addition to Application :NA Number

(57) Abstract:

Filing Date

Filing Date

This device is mounted with the capacity for angular motion within a supportive housing (2) said motion being detected by means capable of sending electrical signals into a processing unit. The means comprise a single 2D Hall effect sensor (4) capable of measuring only the rotations of the magnetic field said sensor (4) being mounted to face a double magnet (5) in order to measure two rotations of the lever within two planes each corresponding to said positions P R N D and M + M and M.

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

(62) Divisional to Application Number

(21) Application No.1962/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : TURBINE SYSTEM FOR GENERATING POWER FROM A FLOW OF LIQUID AND RELATED SYSTEMS AND METHODS

(51) International classification	·E02B12/08 E02B0/06	(71)Name of Applicant :
` '		
(31) Priority Document No	:61/600627	1)HYDROVOLTS INC.
(32) Priority Date	:18/02/2012	Address of Applicant :210 South Hudson Street Suite 330
(33) Name of priority country	:U.S.A.	Seattle WA 98134 U.S.A.
(86) International Application No	:PCT/US2013/026600	(72)Name of Inventor:
Filing Date	:18/02/2013	1)LAYTON Michael
(87) International Publication No	:WO 2013/123483	2)STYNER James
(61) Patent of Addition to Application	:NA	3)PEITHMAN Brian
Number		4)ROTA Jason
Filing Date	:NA	5)ROTH Dane
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A turbine system that can be releasably anchored in a flow of liquid like a waterfall and generate power from the flow includes a runner operable to receive some or all of the flow of liquid and rotate to generate power an adjustable length penstock operable to direct the flow toward the runner and an intake operable to direct the flow into the penstock. The runner may be coupled to a generator to generate electric power. The turbine system also includes a valve operable to modify the flow of the liquid flowing into the runner and a control circuit operable to determine an amount of liquid entering the penstock and in response to the determined amount move the valve to increase or decrease the flow of liquid into the runner. In addition the turbine system includes an anchor to releasably hold the system in the flow of liquid.

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

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: STEREOSCOPIC IMAGE APPARATUS

(51) International classification	:G02B 27/26,G02B27/22	(71)Name of Applicant: 1)MASTERIMAGE 3D ASIA, LLC.
(31) Priority Document No	:10-2013-0035805	Address of Applicant :(GASAN-DONG, BYC, HIGHCITY
(32) Priority Date	:02/04/2013	BUILDING A 22F) 131, GASAN DIGITAL1-RO
(33) Name of priority country	:Republic of Korea	GEUMCHEON-GU, SEOUL 153-803 REPUBLIC OF KOREA
(86) International Application No	:PCT/KR2014/002563	(72)Name of Inventor:
Filing Date	:26/03/2014	1)LEE, CHUL WOO
(87) International Publication No	:WO/2014/163322	2)CHO, SUNG HO
(61) Patent of Addition to Application	:NA	3)LIM, BYUNG GUL
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stereoscopic image apparatus that is capable of minimizing loss of optical energy and improving quality of a stereoscopic image is disclosed. The stereoscopic image apparatus includes a polarizing beam splitter to reflect or transmit incident light based on polarization components of the light to split the light in at least three different directions, a reflective member to reflect the light reflected by the polarizing beam splitter to a screen, at least one modulator to modulate the light reflected by the reflective member and the light transmitted through the polarizing beam splitter, and a refractive member disposed in an advancing direction of light to be incident upon the polarizing beam splitter.

No. of Pages: 55 No. of Claims: 14

(22) Date of filing of Application: 16/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: ANTIMICROBIAL CYCLIC PEPTIDE COMPOSITIONS FOR PLANTS

(51) International classification :C07K7/64,A01N37/44,C07K7/66 (71) Name of Applicant:

:22/02/2013

(31) Priority Document No :2012/01316 (32) Priority Date :22/02/2012 (33) Name of priority country :South Africa

(86) International Application :PCT/IB2013/051457

Filing Date

(87) International Publication :WO 2013/150394

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

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

1)STELLENBOSCH UNIVERSITY

Address of Applicant : Admin B Victoria Street Stellenbosch

7600 Western Cape Province South Africa

(72) Name of Inventor:

1)RAUTENBACH Marina

2)DE BEER Abré

3)TROSKIE Anscha Mari

4)VOSLOO Johan Arnold

(57) Abstract:

Compositions containing one or more tyrocidines tryptocidines phenycidines and/or gramicidin S or derivatives and analogues thereof are described for controlling antimicrobial growth on plants plant material or plant growth media and methods for controlling or preventing the growth of microbial pathogens and in particular fungal pathogens on plants plant parts and plant material are described herein. The active agents used to control these pathogens are tyrocidines tryptocidines phenycidines and/or gramicidin S or derivatives analogues or modifications thereof. The tyrocidines tryptocidines phenycidines and/or gramicidin S are cyclic decapeptides having the general amino acid sequence cyc/o(valine Xrleucine D phenylalanine proline -X2- X3- X4- X5- X6) (SEQ ID NO: 1) or a derivative or analogue thereof wherein Xi is ornithine or lysine Xis valine leucine isoleucine phenylalanine tryptophan or tyrosine; X is the D isomer of valine leucine isoleucine phenylalanine tryptophan tyrosine ornithine or lysine; X is asparagine glutamine or leucine; X is glutamine the D isomer of valine leucine or isoleucine; and X6 is tyrosine phenylalanine tryptophan or proline.

No. of Pages: 94 No. of Claims: 18

(21) Application No.1964/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR DETECTING NAVAL MINES AND NAVAL MINE DETECTION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2012 006 566.3 :30/03/2012 :Germany	(71)Name of Applicant: 1)ATLAS ELEKTRONIK GMBH Address of Applicant: Sebaldsbrücker Heerstraße 235 28309 Bremen Germany (72)Name of Inventor: 1)LAMBERTUS Detlef 2)RICHTER Ralf
--	---	--

(57) Abstract:

The invention relates to a vehicle group (24) which has an unmanned surface vehicle (3) and an unmanned submarine vehicle (1 1a) wherein the submarine vehicle has locating means in particular a sonar for collecting locating data (12) under water and an evaluation unit or a plurality of evaluation units the evaluation unit or evaluation units being set up such as to comprise detection means (20) for detecting (14) a contact (MILEC) on the basis of the collected locating data (12) and also classification means (21) for classifying (15) the detected contact (MILEC) as a mine like contact (MILCO) or a non mine like contact (NONMILCO) wherein the classification takes place by means of a comparison of the contact (MILEC) with known mine information such that a mine like contact (MILCO) is identifiable as a mine contact (MINE) or as some other object (NOMBO).

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

(21) Application No.1965/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 16/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: RECOVERY METHOD FOR RECOVERING AN UNDERWATER VEHICLE RECOVERY DEVICE SUBMARINE WITH RECOVERY DEVICE UNDERWATER VEHICLE FOR THIS PURPOSE AND SYSTEM EQUIPPED **THEREWITH**

:B63G8/42,B63G8/22,B63G8/24 (71)Name of Applicant : (51) International classification

(31) Priority Document No :10 2012 008 074.3

(32) Priority Date :20/04/2012

(33) Name of priority country :Germany

(86) International Application No:PCT/EP2013/056259

Filing Date :25/03/2013

(87) International Publication No: WO 2013/156264

(61) Patent of Addition to

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

(62) Divisional to Application

:NA Number :NA

Filing Date

1)ATLAS ELEKTRONIK GMBH

Address of Applicant :Sebaldsbrücker Heerstrasse 235 28309

Bremen Germany

(72) Name of Inventor:

1)KALWA Jörg

(57) Abstract:

The invention relates to a recovery method (53) for recovering an underwater vehicle (8) using a recovery device (4) for a submarine (6). The invention further relates to the recovery device (4) the submarine (6) the underwater vehicle (8) and a system (2) comprising the recovery device (4) or the submarine (6) and comprising the underwater vehicle (8). The recovery device (4) has a docking device (10). Waves (19) in particular light waves and/or sound waves which propagate from multiple markers to at least one sensor (24) between the underwater vehicle (8) and the recovery device (4) are sensed (96) in order to bring (60) the underwater vehicle (8) towards the docking device (10) in a controlled manner. In this manner the positions and orientations of the recovery device (4) and the underwater vehicle (8) relative to each other are determined (82).

No. of Pages: 24 No. of Claims: 15

(21) Application No.1971/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/09/2014 (43) Publication Date : 30/10/2015

:NA

(54) Title of the invention : HANDLING BAND COMBINATIONS WITH REDUCED PERFORMANCE IN CARRIER AGGREGATION

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No
(H04W8/22,H04W72/
(26/03/2012
(26/03/2012
(U.S.A.
(PCT/SE2013/050313
(21/03/2013
(WO 2013/147680

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

:H04W8/22,H04W72/04 (71)Name of Applicant :

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor :

1)BOSTRÖM Lisa 2)LARSSON Magnus 3)SKÄRBY Christian

(57) Abstract:

Filing Date

Techniques are disclosed for identifying carrier aggregation band combinations that may be supported by a mobile terminal with limited performance. According to one example method a mobile terminal sends (710) a band capability information element to the network (e.g. to a 3GPP eNB). The band capability information element contains data indicating which band combinations the mobile terminal supports for carrier aggregation. In addition the mobile terminal sends(720)additional information (e.g. one or more new parameters) associated with at least one specific band combination. In some cases this new information indicates that a specific band combination has limited support. In these or in other embodiments the new information contains information about an amount or type of limitation. This latter information may be present on its own or in combination with the information that more generally indicates that the mobile terminal is capable of only limited support for a specific band combination.

No. of Pages: 34 No. of Claims: 23

(21) Application No.1972/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DYNAMIC CONFIGURATION OF SUBFRAMES IN A RADIO COMMUNICATIONS 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 	:H04W72/12 :NA :NA :NA :NA :PCT/SE2012/050322 :22/03/2012 :WO 2013/141770 :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)SUSITAIVAL Riikka 2)ERIKSSON Erik 3)ASTELY David
Filing Date	:NA	

(57) Abstract:

The technology disclosed provides the ability for a subframe to be dynamically configured in time division duplex (TDD) communications between a UE radio terminal (40) and a radio network node (10). A frame structure includes one or more subframes preconfigured as a downlink subframe one or more subframes preconfigured as an uplink subframe and one or more dynamically configurable subframes. Each dynamically configurable subframe includes a guard time period and at least a downlink part for transporting a dynamically configurable amount of downlink information and in some embodiments uplink information. A configuration for dynamically configurable subframes is determined for transmission and/or reception between the UE radio terminal and the radio network node.

No. of Pages: 45 No. of Claims: 29

(21) Application No.1973/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: BUMPER FASTENING CLIP

(51) International classification :B60R19/24,F16B5/07,F16B5/12 (71) Name of Applicant:

(31) Priority Document No :2012035838 (32) Priority Date :22/02/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/054395

No

:21/02/2013 Filing Date

(87) International Publication No:WO 2013/125651

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIFCO INC.

Address of Applicant: 184 1 Maioka cho Totsuka ku

Yokohama shi Kanagawa 2448522 Japan

2)NISSAN MOTOR CO. LTD.

(72)Name of Inventor: 1)KOJIMA Shunpei 2)BARMASE Anikesh 3)NAGAHORI Yohei

(57) Abstract:

Provided is a bumper fastening clip comprising a base part that engages with a vehicle panel engaging tabs that engage with a plurality of engaging holes formed on a bumper side and an engaging member with a second engaging tab that by means of operating an operating part can engage with or detach from one of the engaging holes formed on the bumper side; the bumper fastening clip fastens the bumper to the vehicle panel. The engaging member is formed integrally with the body of the fastening clip and is provided with the following: an operation portion substantially in the form of a short rod; a second engaging clip formed in the vicinity of the center of rotation of the operation portion; and a contact piece formed opposite of the second engaging clip. Because the fastening clip body is provided with a limiting portion that comes into contact with the contact piece of the operation portion and limits the range of movement of the operation portion it is possible to reduce the strength needed to operate the operation portion and by limiting the range of movement to prevent breakage even if excessive force is applied.

No. of Pages: 20 No. of Claims: 5

(22) Date of filing of Application :18/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ANTENNA SYSTEM BASE STATION SYSTEM AND COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01Q23/00 :NA :NA :NA :PCT/CN2012/072604 :20/03/2012 :WO 2012/103830 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)LIU Dezheng 2)PU Tao 3)SUN Weihua 4)QIN Zuojun 5)HE Pinghua
--	--	---

(57) Abstract:

Embodiments of the present invention relates to an antenna system a base station system and a communication system. A first antenna unit group and a second antenna unit group of the antenna system both comprise multiple antenna oscillators for transmitting and receiving signals in two different polarization directions. A first combiner/divider combines signals received by the multiple antenna oscillators in the first antenna unit group. An active module receives the signals combined by the first combiner/divider in the two different polarization directions and performs frequency conversion processing on the signals combined by the first combiner/divider so as to obtain a baseband signal. A second combiner/divider combines signals received by the multiple antenna oscillators in the second antenna unit group. Each second antenna device corresponds to at least one pair of receiving channels for receiving signals combined by the second combiner/divider in the two different polarization directions respectively. The active module performs frequency conversion processing on the signals received by the at least one pair of receiving channels so as to obtain a baseband signal. In this way network performance gains are improved.

No. of Pages: 46 No. of Claims: 17

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SUPPLY PACKS AND METHODS AND SYSTEMS FOR MANUFACTURING SUPPLY PACKS

Ant: HNOLOGY HOLDINGS LLC cant: 405 Madison Avenue 8th Floor Toledo or: y J. new J. g J. Rory T.
Roly 1.
R

(57) Abstract:

A cost effective pack adapted to be distributed from an aircraft in the event of a natural military political or other disaster includes an outer package at least one item in the outer package for aerial delivery and at least one aerodynamic component formed on the outer package and methods and systems for making the pack.

No. of Pages: 61 No. of Claims: 28

(21) Application No.1975/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: AIR FILTER CARTRIDGE FOR I.C. MOTORS METHOD FOR ITS MANUFACTURE AND AIR FILTER INCORPORATING SAID CARTRIDGE

(51) International :B01D46/24,B01D46/52,B01D46/12

classification

(31) Priority Document No :TO2012A000185 (32) Priority Date :02/03/2012 (33) Name of priority country: Italy

(86) International :PCT/IB2013/051640

Application No :01/03/2013

Filing Date

(87) International Publication :WO 2013/128417

(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)OFFICINE METALLURGICHE G. CORNAGLIA S.P.A. Address of Applicant: Strada Mirafiori 31 I 10092 Beinasco

(TO) Italy

(72) Name of Inventor: 1)CORNAGLIA Umberto

(57) Abstract:

Air filter cartridge (11;111) for I.C. motors comprising a body (13) in which there are defined in the flow direction of the air to be filtered an upstream face (15) and a downstream face (17) of the cartridge wherein said body (13) comprises at least one pair of panels (19a 19b; 19a 19b 19a 19b) of filtering material provided in a substantially V shaped arrangement so that at least one channel (21) for the passage of air is define between the panels of said at least one pair of panels wherein the filtering material of at least one of the panels comprises a corrugated sheet (23) of filtering material wherein on opposite surfaces thereof a succession of corrugations 25 and grooves 27 are defined. The invention further concerns the method of manufacturing the cartridge as well as a filter equipped with the cartridge.

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

:NA

:NA

(21) Application No.1976/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention : NEW AQUEOUS FRACTURING FLUID COMPOSITION AND FRACTURING METHOD IMPLEMENTING THE FLUID

(51) International classification :C09K8/68,C09K8/88,C09K8/80 (71) Name of Applicant: (31) Priority Document No :1253029 1)S.P.C.M. SA (32) Priority Date :03/04/2012 Address of Applicant : ZAC de Milieux F 42160 Andrezieux (33) Name of priority country **Boutheon France** :France (86) International Application No:PCT/FR2013/050583 (72) Name of Inventor: Filing Date :19/03/2013 1)FAVERO Cédrick (87) International Publication No: WO 2013/150203 2) GAILLARD Nicolas (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

(57) Abstract:

Filing Date

Number

A fracturing fluid comprising in solution in water a propping agent and an associative amphoteric polymer said polymer having a molecular mass of at least 1 000 000 g/mol and comprising: 0.01 to 10 mol % of at least one cationic monomer derived from acrylamide 0.09 to 89.99 mol % of at least one anionic monomer and 10 to 99 mol % of at least one non ionic water soluble monomer. A fracturing method implementing the fluid.

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

(21) Application No.1977/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: GYRATORY CRUSHER CRUSHING HEAD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B02C2/04 :12162975.2 :03/04/2012 :EPO :PCT/EP2013/055661 :19/03/2013 :WO 2013/149820 :NA :NA :NA	(71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: S 811 81 Sandviken Sweden (72)Name of Inventor: 1)BERGMAN Axel 2)BERN Gustav 3)ERIKSSON Bengt Arne 4)LARSSON Mikael M. 5)MALMQVIST Patric
---	--	---

(57) Abstract:

A gyratory crusher crushing head (103) having a circumferential groove (206) formed in an outer facing surface (203 204 205) of the crushing head. The groove is positioned towards a second lower end (209) at the outward facing surface relative to an axial length of the crushing head. The groove and its relative axial positioning minimizes the stress concentrations at the crushing head resultant from forces tangential to the outward facing surface upon which is removably mounted a crushing shell (102).

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

(21) Application No.1978/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: GYRATORY CRUSHER FRAME

(51) International classification	:B02C2/06	(71)Name of Applicant:
(31) Priority Document No	:12162974.5	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:03/04/2012	Address of Applicant :SE 811 81 Sandviken Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/055546	1)ÅBERG Niklas
Filing Date	:18/03/2013	2)BERGMAN Axel
(87) International Publication No	:WO 2013/149814	3)BERN Gustav
(61) Patent of Addition to Application	:NA	4)ERIKSSON Bengt Arne
Number	:NA	5)LARSSON Mikael M
Filing Date		6)MALMQVIST Patric
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A gyratory crusher frame part and a gyratory crusher having a topshell (200) and spider (201) assembly configured to minimise stress concentrations. An annular flange (202) is formed at the junction between a lower region of each spider arm (203) and an upper region of the topshell. Optimisation of loading force transfer and a reduction in stress concentration is achieved by positioning the spider arms radially inward relative to an outer circumferential perimeter (224) of the flange.

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

(21) Application No.1979/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/09/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention: GYRATORY CHRUSHER FRAME

(51) International classification	:B02C2/06	(71)Name of Applicant:
(31) Priority Document No	:12162977.8	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:03/04/2012	Address of Applicant :S 811 81 Sandviken Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/055657	1)ÅBERG Niklas
Filing Date	:19/03/2013	2)BERGMAN Axel
(87) International Publication No	:WO 2013/149819	3)BERN Gustav
(61) Patent of Addition to Application	:NA	4)ERIKSSON Bengt Arne
Number		5)LARSSON Mikael M
Filing Date	:NA	6)MALMQVIST Patric
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A gyratory crusher frame part comprising: a topshell (200) mountable upon a bottom shell (102) the topshell having an annular wall (213) extending around a longitudinal axis (115) of the frame part; a spider (201) having a plurality of arms (203) extending radially outward from a cap (207) positioned at the longitudinal axis each arm of the plurality of arms having an first portion (204) extending generally in a radially outward direction from the cap and a second portion (205) extending generally in an axial direction from an outer region of the first portion; an annular flange (202) positioned between the second portion of each arm and the annular wall the flange having an outer circumferential perimeter (208) and an inner circumferential perimeter (224) relative to the longitudinal axis; the topshell comprising an outward facing surface (209) and an inward facing surface (214) relative to the longitudinal axis the annular wall being defined between the outward and inward facing surfaces; characterised in that: a section of the wall of the topshell neighbouring the flange comprises a concave section (402) at the outward facing surface and substantially a first half (4009 of the concave section in the axial direction closest to the flange is a substantially uniform curve (403) extending continuously in the circumferential direction around the longitudinal axis.

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

(22) Date of filing of Application :04/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD FOR PASSING SIGNALS THROUGH A MEDIUM UNDER MONITORING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)CLOSED UP JOINT STOCK COMPANY COHERENT Address of Applicant: ul. Demakova 27 Novosibirsk 630128 Russia (72)Name of Inventor: 1)ROMANOV Yuriy Igorievich
--	-------------------	---

(57) Abstract:

The method for passing signals through a medium under monitoring consists in generating a reference signal transmitting this reference signal in a forward direction through the medium under monitoring by means of at least one transmitting electrical circuit receiving the signal passing in the forward direction through the medium under monitoring by means of at least one receiving electrical circuit transmitting the generated reference signal in the reverse direction through the medium under monitoring by means of the at least one receiving electrical circuit receiving the signal passing in the reverse direction through the medium under monitoring by means of the at least one transmitting electrical circuit and thus ensuring the passage of signals through the medium under monitoring. The method for passing signals through a medium under monitoring ensures the production of signals passing through the medium under monitoring which have a high degree of identity.

No. of Pages: 19 No. of Claims: 3

(21) Application No.1894/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: REGENERABLE SOLVENT MIXTURES FOR ACID GAS SEPARATION

(51) International classification :B01D53/14,B01D53/40,B01D53/48

(31) Priority Document No :61/606057 (32) Priority Date :02/03/2012 (33) Name of priority country:U.S.A.

(86) International Application No :PCT/US2013/028660

Filing Date :01/03/2013

(87) International Publication :WO 2013/130997

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

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

(71)Name of Applicant:

1)RESEARCH TRIANGLE INSTITUTE

Address of Applicant: 3040 Cornwallis Road P.O. Box 12194

Research Triangle Park NC 27709 U.S.A.

(72)Name of Inventor :

1)LAIL Marty 2)COLEMAN Luke

(57) Abstract:

A solvent system for the removal of acid gases from mixed gas streams is provided. Also provided is a process for removing acid gases from mixed gas streams using the disclosed solvent systems. The solvent systems may be utilized within a gas processing system.

No. of Pages: 44 No. of Claims: 31

(21) Application No.2005/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : PROCESS FOR PREPARING CYCLOHEXANOL AND CYCLOHEXANONE WITH CYCLOHEXANE SERVING AS RAW MATERIAL

(51) International classification :C07C49/403,C07C45/53,C07C35/08

(31) Priority Document No :201210085933.6 (32) Priority Date :28/03/2012

(33) Name of priority :China

country

(86) International :PCT/CN2012/075627

Application No
Filing Date

17/05/2012

(87) International

Publication No :WO 2013/143209

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

(71)Name of Applicant:

1)XIAO Zaosheng

Address of Applicant :Room1302 22 Buildinghanlinyuan

industrial park suzhou Jiangsu 215123 China

(72)Name of Inventor: 1)XIAO Zaosheng

(57) Abstract:

A process for preparing cyclohexanol and cyclohexanone with cyclohexane serving as a raw material comprises the following steps: (1) performing uncatalyzed oxidation on cyclohexane by using molecular oxygen and producing oxidized mixture liquid with cyclohexyl hydrogen peroxide serving as a primary product; (2) performing homogeneous catalytic decomposition by using an oil soluble transition metal compound serving as a catalyst and using 1 hydroxy ethidene 1 1 diphosphonic acid (di) octyl ester or a composition of 1 hydroxy ethidene 1 1 diphosphonic acid (di) octyl ester and phosphoric acid octyl ester as a scale inhibitor so as to decompose the cyclohexyl hydrogen peroxide in the oxidized mixture liquid to produce cyclohexanol and cyclohexanone; and (3) obtaining a cyclohexanol product and a cyclohexanone product through rectification.

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

(22) Date of filing of Application :22/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : A NODE AND METHOD FOR HANDLING NON REAL TIME DATA IN A WIRELESS COMMUNICATIONS NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W24/10 :61/607762 :07/03/2012 :U.S.A. :PCT/SE2013/050118 :12/02/2013 :WO 2013/133749 :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)SIOMINA Iana
Filing Date	:NA	

(57) Abstract:

Example embodiments presented herein are directed towards improved means of collecting and handling non real time measurements and/or non real time data. According to some of the example embodiments a first radio node (e.g. a collector node) is configured to transmit to a second radio node (e.g. a user equipment or any other node which may obtain measurements) a signal or message indicating an availability for collecting the non real time measurements and/or non real time data. The first radio node may further receive from the second radio node the non real time measurements and/or non real time data in response to the signal or message indicating the ability. Some of the example embodiments may be directed towards a second radio node configured to receive from the second radio node the signal or message indicating availability for collecting the non real time measurements and/or non real time data. The second radio node may be further configured to receive the non real time measurements and/or data based on the received signal or message.

No. of Pages: 49 No. of Claims: 22

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SPUN YARN WINDING APPARATUS

(51) International classification	:D01H1/22 D01H5/74	(71)Name of Applicant: 1)TMT MACHINERY, INC.
(31) Priority Document No	:2013- 215222	Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-
(32) Priority Date	:16/10/2013	0041, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HASHIMOTO KINZO
Filing Date	:NA	2)KAGATA KAKERU
(87) International Publication No	: NA	3)KIKUCHI JUN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A spun yarn winding apparatus with which yarn threading is shortened in time and can be easily redone is provided. The spun yarn winding apparatus is configured to wind yarns spun out from a melt spinning device onto bobbins attached to a bobbin holder. A godet roller attached to this spun yarn winding apparatus is movable between a production position where the yarns are wound onto the bobbins and a yarn threading position which is closer to an end of the bobbin holder than the production position. Distribution guides are movable between production positions where the yarns sent from the godet roller are guided to the bobbins and yarn threading positions which are closer to the yarn threading position of the godet roller than the distribution guides at the production positions and where the distribution guides are gathered so that the intervals thereof are narrow.

No. of Pages: 45 No. of Claims: 7

(21) Application No.1817/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: BONE CEMENT COMPOSITION

(51) International classification	:A61L24/00,A61L27/00	(71)Name of Applicant:
(31) Priority Document No	:2012043418	1)ISHIHARA SANGYO KAISHA LTD.
(32) Priority Date	:29/02/2012	Address of Applicant :3 15 Edobori 1 chome Nishi ku Osaka
(33) Name of priority country	:Japan	shi Osaka 5500002 Japan
(86) International Application No	:PCT/JP2013/054711	2)KYOTO UNIVERSITY
Filing Date	:25/02/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/129292	1)UEDA Yoshimichi
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide a bone cement composition which can have desired biological activity performance and desired radiolucency while enabling the strength of a cured product thereof to be kept. A titanium oxide coating is formed on radiolucent particles to thereby produce composite particles and the composite particles are added to a bone cement composition. The bone cement composition thus produced can be used suitably for the filling of a bone defect portion and the fixation of an artificial joint and in percutaneous vertebroplasty. The shape of each of the radiolucent particles is preferably granular and the titanium oxide is preferably of a rutile type.

No. of Pages: 48 No. of Claims: 12

(21) Application No.1929/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: METHODS AND SYSTEMS FOR ENERGY CONVERSION AND GENERATION INVOLVING ELECTROLYSIS OF WATER AND HYDROGENATION OF CARBON DIOXIDE TO METHANE

:C25B1/04,C07C1/12,C07C9/04 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1202791.8 (32) Priority Date :20/02/2012

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

(86) International Application No: PCT/GB2013/050375

Filing Date :18/02/2013 (87) International Publication No: WO 2013/124632

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)THERMOGAS DYNAMICS LIMITED

Address of Applicant: 7 Main Street Largs Ayshire KA30

(72) Name of Inventor: 1)SIMPSON Robert

(57) Abstract:

The invention relates to methods and systems of converting electrical energy to chemical energy and optionally reconverting it to produce electricity as required. In preferred embodiments the source of electrical energy is at least partially from renewable source. The present invention allows for convenient energy conversion and generation without the atmospheric release of C02. One method for producing methane comprises electrolysis of water to form hydrogen and oxygen and using the hydrogen to hydrogenate carbon dioxide to form methane. It preferred to use the heat produced in the hydrogenation reaction to heat the water prior to electrolysis. The preferred electrical energy source for the electrolysis is a renewable energy source such as solar wind tidal wave hydro or geothermal energy. The method allows to store the energy gained at times of low demand in the form of methane which can be stored and used to generate more energy during times of high energy demand. A system comprising an electrolysis apparatus and a hydrogenation apparatus and a pipeline for the transportation of two fluids is also described.

No. of Pages: 71 No. of Claims: 87

(22) Date of filing of Application :24/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : GROUP COMMUNICATION METHOD AND SYSTEM GROUP SERVER AND GROUP MEMBER 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 	:H04W4/00 :NA :NA :NA :PCT/CN2012/075427 :14/05/2012 :WO 2013/170410	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)XIAO Fangying 2)ZHANG Yongjing
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/170410 :NA :NA :NA :NA	2)ZHANG Yongjing

(57) Abstract:

Provided are a group communication method and system a group server and a group member device. The method comprises: a group server receiving notification messages sent by a group member device; and according to the subscription device address aggregating the notification messages sent to the same subscription device and then sending same to the subscription device. By aggregating a plurality of messages sent to a subscription device by a group member device the interaction messages between the group member device and the subscription device are reduced and the communication traffic between the group member device and the subscription device is saved.

No. of Pages: 63 No. of Claims: 27

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD OF SURFACE HARDENING SINTERED BODIES BY USING VIBRATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B22F3/00,B22F3/24 :12159307.3 :13/03/2012 :EPO :PCT/EP2013/054607 :07/03/2013 :WO 2013/135555 :NA :NA :NA	(71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: S 811 81 Sandviken Sweden (72)Name of Inventor: 1)CARPENTER Michael 2)GEOGHEGAN Sarah 3)KEOWN Eugene 4)SMITH Jane
--	---	---

(57) Abstract:

The present invention relates to a method of surface hardening a plurality of sintered bodies comprising a hard phase such as WC and a binder phase such as cobalt or nickel. The method comprises the steps of placing the bodies in a container and thereby forming a system comprising the container and the bodies therein and causing the bodies to move and collide with each other and with inside walls of the container. The container is vibrating utilizing a mechanical resonance frequency of the system the vibrations being preferably unixial and acoustic with a frequency of 20 80 Hertz and an acceleration of 30 100 G.

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

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: BIPOLAR PLATE AND ELECTROCHEMICAL CELL COMPRISING SUCH A BIPOLAR 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 	:12159142.4 :13/03/2012 :EPO :PCT/EP2012/073917 :29/11/2012 :WO 2013/135322 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)BRANDT Torsten
Filing Date	:NA	

(57) Abstract:

A bipolar plate (2) for an electrochemical cell (4) comprising two plate elements (10 12) between which a flow field (4) with a flow inlet (6) and a flow outlet (8) is arranged. The flow field (4) has coolant (K) flowing through it. Each plate element (10 12) has a contact plane (16) for making contact with the respective other plate element (10 12) and a plurality of first embossments (14) projecting from the contact plane (16) and facing away from the respective other plate element (10 12). At least one of the plate elements (10 12) also has second embossments (24) wherein both the first and the second embossments (14) have an aperture (18) to the contact plane (16) of the plate element (10 12). To achieve a particularly uniform flow through the bipolar plate (2) flow channels (20) are formed by the apertures (18) of the embossments (14 24) by having the embossments (14 24) of the two plate elements (10 12) offset against one another in such a way that each embossment (14 24) only partially overlaps at least one embossment (14 24) of the respective other plate element (10 12) and wherein the second embossments (24) are made smaller than the first embossments (14) such that the flow channels (20) are restricted or interrupted in the region of the second embossments (24).

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

(22) Date of filing of Application :27/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: WRAP CASE FOR PACKAGING

(51) International :B65D25/52,B65D83/08,B65H35/04

classification (31) Priority Document No :1020120030434

(32) Priority Date :26/03/2012 (33) Name of priority country: Republic of Korea (86) International

:PCT/KR2012/009563 Application No

:13/11/2012 Filing Date

(87) International Publication :WO 2013/147387

(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)LEE Tae Jung

Address of Applicant: 103 B02 10 4 Juan ro 47beon gil Nam

gu Incheon 402 839 Republic of Korea

(72)Name of Inventor: 1)LEE Tae Jung

(57) Abstract:

The present invention relates to a wrap case (1) for packaging in which a wrap for packaging (3) wound around a branch pipe (2) is accommodated. The present invention comprises: a rectangular first bottom plate (10); a first front surface plate (11) and a first rear surface plate (13) which respectively extend from both long side portions of the first bottom plate (10); a first side surface plate (15) which extends from the short side portion of the first bottom plate (10); a first reinforcing plate (16) which extends from the outer side edge of the first side surface plate (15); connection plates (12 and 14) which extend from the short side portions of the first front surface plate (11) and the first rear surface plate (13); a second front surface plate (17) which extends from the long side portion of the first front surface plate (11) in such a manner as to overlap the first front surface plate (11); a second bottom plate (18) which extends from the long side portion of the second front surface plate (17) in such a manner as to overlap the first bottom plate (10); a second rear surface plate (19) which extends from the long side portion of the second bottom plate (18) in such a manner as to overlap the first rear surface plate (13); a second side surface plate (20) which extends from the short side portion of the second bottom plate (18) in such a manner as to overlap the first side surface plate (15); a second reinforcing plate (22) which extends from the outer side edge of the second side surface plate (20); an upper surface cover plate (24) which extends from the long side portion of the first rear surface plate (13); and a front surface cover plate (26) which extends from the long side portion of the upper surface cover plate (24). A shaft hole (21) is formed on the second side surface plate (20) or the second reinforcing plate (22) such that the end portion of the branch pipe (2) around which the wrap (3) is wound is inserted.

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

(21) Application No.1831/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: STAINLESS CLAD STEEL

(51) International :C22C38/00,B32B15/01,C22C38/44

classification (31) Priority Document No :2012051091 (32) Priority Date :08/03/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/001372

:05/03/2013 Filing Date

(87) International Publication :WO 2013/132838

(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) JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor:

1)YAZAWA Yoshihiro 2)TACHIBANA Shunichi

3)KISHI Keiichiro 4)KURONUMA Yota

5)HOSHINO Toshiyuki

(57) Abstract:

The purpose of the present invention is to provide a stainless clad steel which exhibits excellent corrosion resistance particularly excellent anti rust properties and an improvement in appearance due to changes in the color of the surface thereof and with which the occurrence of outflow rust can be prevented. A stainless clad steel according to the present invention has as a cladding material stainless steel having a pitting index represented by formula (1) of at least 35 and is characterized in that: the ratio of Cr concentration (at%)/Fe concentration (at%) in the parent phase portion of the cladding material to Cr concentration (at%)/Fe concentration (at%) in the passivation film portion of the cladding material is at least 1.20; and the s (sigma) phase deposition amount of the surface of the cladding material expressed as an area ratio is not more than 2.0%. Formula (1): pitting index = (Cr+3.3Mo+16N) (in formula (1) Cr Mo and N each represent the content (mass%) of the respective element and if the element is not present the corresponding number is 0).

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

(21) Application No.1832/KOLNP/2014 A

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DETERMINING A POSITION BY MEASURING FORCES

(51) International classification :E05F1/16,E05F1/02,E05F15/14 (71) Name of Applicant:

(31) Priority Document No :10 2012 204 080.3

(32) Priority Date :15/03/2012 (33) Name of priority country :Germany

 $(86)\ International\ Application\ No: PCT/EP2013/055009$

Filing Date :12/03/2013 (87) International Publication No :WO 2013/135704

(87) International Publication No :WO 2013 (61) Patent of Addition to

Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA 3013/133704

Germany

(72)Name of Inventor:

1)KRAUSE Uwe

(57) Abstract:

The invention relates to a device and a method for determining the position of an object (1) which can be moved in a linear manner. The device comprises a contact unit (4) which is coupled to the object (1) such that the contact unit provides a force signal (F) that is dependent on the position of the object (1) a force detecting unit (8) for detecting the force signal (F) provided by the contact unit (4) and an evaluating unit (9) for evaluating the force signal (F) detected by the force detecting unit (8). The position of the object (1) is ascertained using an evaluation function (F(X)) during the evaluation process said evaluation function describing a dependence of the force signal (F) on the position of the object (1).

No. of Pages: 23 No. of Claims: 12

(21) Application No.1833/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: CARDIO PROTECTIVE AGENTS FROM KIWIFRUITS

(51) International classification	n:A23L1/30,A61K36/185,A61P9/00	
(31) Priority Document No	:61/601274	1)UNIVERSITY OF OSLO
(32) Priority Date	:21/02/2012	Address of Applicant :P.O. Box 1071 Blindern NO 0316 Oslo
(33) Name of priority country	:U.S.A.	Norway
(86) International Application	DCT/LIC2012/026926	(72)Name of Inventor:
No	:PCT/US2013/026826	1)DUTTAROY Asim Kanti
Filing Date	:20/02/2013	
(87) International Publication No	:WO 2013/126384	
(61) Patent of Addition to	.NI A	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	.NI A	
Number	:NA	
Filing Data	:NA	

(57) Abstract:

Filing Date

The invention relates to cardio protective agents. In particular the present invention relates to de sugared cardio protective extracts and fractions thereof prepared from kiwi fruit.

No. of Pages: 60 No. of Claims: 59

(21) Application No.1950/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HORIZONTAL STIRRER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2012 205 269.0 :30/03/2012 :Germany	(71)Name of Applicant: 1)INVENT UMWELT UND VERFAHRENSTECHNIK AG Address of Applicant: Am Pestalozziring 21 91058 Erlangen Germany (72)Name of Inventor: 1)HÖFKEN Marcus 2)HAGSPIEL Thomas
--	---	--

(57) Abstract:

The invention relates to a horizontal stirrer for generating essentially horizontal flow in a wastewater treatment tank in which a propeller (4) is installed on a polygonal shaft (3) driven by means of an immersed motor (1) where the propeller (4) is made of a first material which is formed by a polymer reinforced with first fibres and as hub has a bushing (7) which corresponds to the outer shape of the polygonal shaft (3) and is made of a second material which is different from the first material.

No. of Pages: 14 No. of Claims: 8

(21) Application No.2065/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : MANUFACTURE AND USE OF A COMPOSITE STRUCTURE CONTAINING PRECIPITATED 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 	:20125569 :28/05/2012 :Finland :PCT/FI2013/050583 :28/05/2013 :WO 2013/178881 :NA	(71)Name of Applicant: 1)NORDKALK OY AB Address of Applicant:Skräbbölevägen 18 FI 21600 Pargas Finland (72)Name of Inventor: 1)SAASTAMOINEN Sakari 2)GRÖNBLOM Teemu 3)GRÖNROOS Lars
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
C		

(57) Abstract:

A method of producing a composite structure which is formed of a polysaccharide body on which carbonate is precipitated by forming a carbonate ion solution; mixing polysaccharide in a form having free hydroxyl groups on its surface into the carbonate ion solution whereby a carbonate polysaccharide slurry is formed; and precipitating carbonate salt from the slurry into the polysaccharide. Also a carbonated polysaccharide product is claimed.

No. of Pages: 42 No. of Claims: 21

(21) Application No.1844/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: OIL SEPARATOR

(51) International classification :F01M13/00,F01M13/02,F04B39/16

(31) Priority Document No :2012040584 (32) Priority Date :27/02/2012 (33) Name of priority country :Japan

(86) International Application: PCT/JP2013/055188

Filing Date :27/02/2013

(87) International Publication :WO 2013/129496

(61) Patent of Addition to Application Number :NA

Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)NABTESCO AUTOMOTIVE CORPORATION

Address of Applicant :7 9 Hirakawa cho 2 chome Chiyoda ku

Tokyo 1020093 Japan (72)Name of Inventor:
1)SUGIO Takuya
2)MINATO Ichiro

(57) Abstract:

This oil separator is provided with a housing having an inlet for air an expansion chamber disposed inside the housing and a heating device for heating the bottom of the expansion chamber. The oil separator introduces air containing oil that has passed through the inlet inside the housing and separates and recovers the oil from the air that has been introduced. The cross sectional area of the expansion chamber is larger than the opening area of the inlet.

No. of Pages: 79 No. of Claims: 21

(21) Application No.1845/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: OIL SEPARATOR

(51) International classification	:F01M13/02,F04B39/16	(71)Name of Applicant :
(31) Priority Document No	:2012040583	1)NABTESCO AUTOMOTIVE CORPORATION
(32) Priority Date	:27/02/2012	Address of Applicant :7 9 Hirakawa cho 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1020093 Japan
(86) International Application No	:PCT/JP2013/055189	(72)Name of Inventor:
Filing Date	:27/02/2013	1)SUGIO Takuya
(87) International Publication No	:WO 2013/129497	2)MINATO Ichiro
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This oil separator is provided with a housing having an inlet for air and an expansion chamber disposed inside the housing. The oil separator introduces air containing oil that has passed through the inlet inside the housing and separates and recovers the oil from the air that has been introduced. The cross sectional area of the expansion chamber is larger than the opening area of the inlet. The oil separator is further provided with: a drain reservoir that is disposed below the expansion chamber and collects the separated oil; a drain linking part having a linking hole that links the expansion chamber to the drain reservoir; and an attaching and detaching mechanism for attaching and detaching the drain reservoir to and from the housing.

No. of Pages: 45 No. of Claims: 6

(21) Application No.1846/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: OIL SEPARATOR

(51) International :F04B39/16,B01D45/08,F01M13/04

classification (31) Priority Document No :2012040580 :27/02/2012 (32) Priority Date

(33) Name of priority country: Japan

(86) International Application: PCT/JP2013/055187

:27/02/2013

Filing Date (87) International Publication :WO 2013/129495

(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)NABTESCO AUTOMOTIVE CORPORATION

Address of Applicant: 7 9 Hirakawa cho 2 chome Chiyoda ku

Tokyo 1020093 Japan (72)Name of Inventor: 1)SUGIO Takuva 2)MINATO Ichiro

(57) Abstract:

An oil separator provided with: a case that has an air inlet; and a plurality of expansion chambers formed within the case. Air that contains oil is introduced into the case via the inlet and made to collide with an impact plate to thereby separate the oil from the introduced air and recover the oil. The cross sectional area of each expansion chamber is greater than the open area of the inlet. Partition walls with orifice holes formed therein are provided between the expansion chambers.

No. of Pages: 57 No. of Claims: 19

(21) Application No.1958/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ARRANGEMENT FOR COOLING POWER CABLES POWER UMBILICALS AND CABLES

(51) International classification :H01B7/42,H01B9/00,H01B7/14 (71)Name of Applicant :

(31) Priority Document No :20120174 (32) Priority Date :20/02/2012

(33) Name of priority country :Norway
(86) International Application No. PCT/NO.2013/05

(86) International Application No:PCT/NO2013/050033 Filing Date :20/02/2013

(87) International Publication No :WO 2013/125962

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

(62) Divisional to Application Number :NA Filing Date :NA 1)AKER SUBSEA AS

Address of Applicant :P.O.Box 94 N 1325 Lysaker Norway (72)Name of Inventor :

1)HEGGDAL Ole A.

(57) Abstract:

1A power cable (C) or power umbilical comprising a number of electric high power cables (10) for transfer of large amounts of electric power/energy; filler material (2 3 4 5 6) in the form of stiff elongate plastic elements; the number of electric high power cables (10) and stiff elongate plastic elements (2 3 4 5 6) being gathered in a twisted bundle by means of a laying operation; a protective sheath (1) that encompasses the electric cables and the filler material; and at least one longitudinally extending channel (6) is provided for forced flow transportation of a cooling agent through said power cable/umbilical in order to cool down the electric high power cables (10) and their insulation material from a critical temperature value of about 90°C.

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

(21) Application No.2072/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: VERIFICATION IN A WIRELESS COMMUNICATION SYSTEM

:H04B1/7083,H04J11/00 (71)**Name of Applicant :** (51) International classification (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) :61/611425 (32) Priority Date Address of Applicant :SE 164 83 Stockholm Sweden :15/03/2012 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No 1)SIOMINA Iana :PCT/SE2013/050220 Filing Date :12/03/2013 2)LINDOFF Bengt (87) International Publication No :WO 2013/137806 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method implemented by a node in a wireless communication system comprises obtaining (120) a result of a timing measurement performed on one or more first radio signals associated with one or more specific characteristics. The method also includes verifying (130) one or more second radio signals as associated with the one or more specific characteristics by determining whether the result meets one or more conditions. In some embodiments the one or more specific characteristics is an identity of a specific radio node or cell. Moreover in one or more embodiments the result of the timing measurement is used for verification in this way instead of or in addition to the result of a power based measurement.

No. of Pages: 65 No. of Claims: 23

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : DEVICE FOR FEEDING GRANULATE AND FILLER MATERIAL TO AN EXTRUDER SCREW OF AN EXTRUDER

(51) International classification: B29C47/10,B29B7/66,B29C47/08 (71) Name of Applicant: (31) Priority Document No 1)BSW MACHINERY HANDELS-GMBH :A 254/2012 (32) Priority Date :28/02/2012 Address of Applicant: Ledererhof 2, A-1010 Wien, Austria (33) Name of priority country (72)Name of Inventor: :Austria (86) International Application 1)SCHMALHOLZ, Peter :PCT/AT2013/000030 :19/02/2013 Filing Date (87) International Publication :WO 2013/126933 (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 feeding granulate and filler material to an extruder screw (11) of an extruder. A cyclone (12) with an inlet opening for introducing a delivery flow of pneumatically delivered filler material and with an outlet opening (16) for discharging the filler material which has been separated from the delivery flow, a feed funnel (1) for the fresh granulate, and a mixing section (9) are provided, the separated filler material and the fresh granulate from the feed funnel (1) being fed to said mixing section. The cyclone (12) is arranged at least partly in the feed funnel (1) and is coaxial to same such that the outlet opening (16) of the cyclone (12) dips into a feed funnel (1) outlet region (6) which surrounds the outlet opening (16) in an annular manner, wherein a stuffing screw (19) passes axially through the outlet opening (16) of the cyclone (12) and at least partly protrudes into the mixing section (9), which axially adjoins the outlet opening (16).

No. of Pages: 14 No. of Claims: 8

(21) Application No.1980/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention : ANALYSIS SYSTEM ANALYSIS DEVICE MANAGEMENT DEVICE AND COMPUTER PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/03/2013 :WO 2013/145676 :NA :NA	(71)Name of Applicant: 1)SYSMEX CORPORATION Address of Applicant: 5 1 Wakinohama Kaigandori 1 chome Chuo ku Kobe shi Hyogo 6510073 Japan (72)Name of Inventor: 1)KUWAOKA Shiro 2)NISHIDA Taisuke 3)YAO Shunsuke
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In order to enable the registration of measurement parameters to be grasped on the management side in case the measurement parameters are erroneously registered an analysis system (1) comprises an analysis device (100) which analyzes a sample in accordance with measurement parameters set for a reagent to be used and a management device (200) which is connected to the analysis device to be communicable therewith via a network. The analysis device (100) is provided with a processing unit (120) and a transmission unit (126) which transmits information to the management device (200). The processing unit (120) enables the execution of processing for accepting the registration of the measurement parameters and when the measurement parameters have been registered executes processing for transmitting transmission information including information indicating that the measurement parameters have been registered from the transmission unit (126) to the management device (200).

No. of Pages: 49 No. of Claims: 16

(21) Application No.1981/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention : METHODS AND APPARATUS FOR DETECTING POSSIBLE REPEATED HANDOVER DIFFERENT RADIO ACCESS TECHNOLOGIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W36/14 :61/605811 :02/03/2012 :U.S.A. :PCT/EP2012/075227 :12/12/2012 :WO 2013/127480 :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)CENTONZA Angelo 2)GUNNARSSON Fredrik 3)ZETTERBERG Kristina
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Inter radio access technology (IRAT) ping pong handover of a user equipment (UE) connection between a source radio access technology (RAT) communications network e.g. LTE and a different target RAT communications network e.g. UTRAN is detected. A control node determines IRAT ping pong handover information and evaluates an IRAT handover request message for the UE connection from the source RAT network with respect to the handover ping pong information. Based thereon the node determines that the UE connection meets one or more ping pong conditions associated with the handover ping pong information and provides an indication of an IRAT ping pong handover condition to a base station in the source RAT network to allow the base station to make mobility adjustments.

No. of Pages: 41 No. of Claims: 37

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

(54) Title of the invention: SOFT BUFFER PROCESSING METHOD AND DEVICE IN TDD SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:201210107431.9 :12/04/2012 :China	(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)LI Yingyang 2)SUN Chengjun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a method of processing soft buffer comprising the following steps: a base station allocating transmission resources for a UE determining a parameter of processing soft buffer and performing rate matching for physical downlink shared channel PDSCH; and the base station sending data to the UE via physical downlink control channel PDCCH and PDSCH. The present invention also proposes a method of processing soft buffer comprising the following steps: a UE receiving information of transmission resources allocated to it by a base station and determining a parameter of processing soft buffer; and the UE receiving physical downlink control channel PDCCH and physical downlink shared channel PDSCH sent by the base station according to the transmission resources and the parameter of processing soft buffer.

No. of Pages: 34 No. of Claims: 13

(21) Application No.1849/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HOUSEHOLD APPLIANCE HAVING AN EMBOSSED PATTERN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (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 204 559.7 :22/03/2012 :Germany :PCT/EP2013/055153 :13/03/2013 :WO 2013/139664 :NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany (72)Name of Inventor: 1)EGLMEIER Hans
Filing Date	:NA	

(57) Abstract:

The invention relates to a household appliance (5) in particular a water conducting household appliance (5) comprising a housing (4) wherein the housing (4) is provided with at least one housing wall (4) having an embossed pattern (3). The embossed pattern (3) is hereby based on a Penrose tiling (3).

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

(21) Application No.1968/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SEPARATORLESS STORAGE BATTERY

(51) International classification	:H01M8/20,H01M10/02	(71)Name of Applicant:
(31) Priority Document No	:1203713.1	1)ENERGY DIAGNOSTICS LIMITED
(32) Priority Date	:02/03/2012	Address of Applicant :The Manse 31 Ashley Terrace Alloa
(33) Name of priority country	:U.K.	FK10 2BA U.K.
(86) International Application No	:PCT/GB2013/050519	(72)Name of Inventor:
Filing Date	:01/03/2013	1)DILLEEN John
(87) International Publication No	:WO 2013/128206	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is herein described energy storage batteries and methods of manufacturing said energy storage batteries. More particularly there is described energy storage batteries comprising a laminar configuration and co planar and co parallel anodes and cathodes and methods of manufacturing said energy storage batteries.

No. of Pages: 22 No. of Claims: 27

(19) INDIA

(22) Date of filing of Application :17/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: JAW CRUSHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B02C1/04 :12162137.9 :29/03/2012 :EPO :PCT/EP2013/055314 :15/03/2013 :WO 2013/143871 :NA :NA :NA	 (71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: SE 811 81 Sandviken Sweden (72)Name of Inventor: 1)LINDBERG Mårten 2)LJUNGGREN Karin 3)SJÖBECK Roger
--	--	---

(21) Application No.1969/KOLNP/2014 A

(57) Abstract:

A jaw crusher (100) having a substantially fixed jaw (104) and an opposed movable jaw (105). A pair of opposed side walls (102) extending either side of the jaws (104 105) to define a crushing zone (103). Each side wall (102) comprises one or a plurality of side liners (106) configured to protect the side walls (102). A security or capture projection (300) extends from the side wall (102) to one side and adjacent to each side liner (106) and prevents the side liner (106) falling downward from the crushing zone (103) in the event of dislodgement from its mounting position during use.

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

(21) Application No.2084/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/10/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: APPARATUS FOR HEAT TREATING WASTE MATTERS

(51) International :B09B3/00,B01D47/00,B01D53/74 classification

(31) Priority Document No :1020120022554 (32) Priority Date :05/03/2012 (33) Name of priority country :Republic of Korea

(86) International Application :PCT/KR2012/008753

:24/10/2012 Filing Date

(87) International Publication :WO 2013/133499

(61) Patent of Addition to

Application Number :NA Filing Date

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

(57) Abstract:

(71) Name of Applicant: 1)HONG Sung Tae

Address of Applicant: 685 2 Wolgye dong Nowon gu Seoul

139 050 Republic of Korea 2)YU Seong Jong (72)Name of Inventor:

1)HONG Sung Tae 2)YU Seong Jong

The present invention relates to an apparatus for heat treating waste matters and more particularly an ecological apparatus for heat treating waste matters which enables waste matters such as various industrial wastes city living wastes and various high polymeric chemical wastes to be subjected to heat treatment at a lower temperature under vacuum in a heat treating vessel without discharging pollutants produced during the heat treatment such as carbon tar noxious gases malodors and dust by treatment in a filter mechanism.

No. of Pages: 37 No. of Claims: 12

(22) Date of filing of Application :04/10/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD FOR OPERATING A VACUUM MELTING SYSTEM AND VACUUM MELTING SYSTEM OPERATED ACCORDING TO SAID METHOD

(51) International classification (31) Priority Document No	:C21C7/10 :12163717.7	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:11/04/2012	Address of Applicant: Wittelsbacherplatz 2 80333 München
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2013/055955	(72)Name of Inventor:
Filing Date	:21/03/2013	1)MATSCHULLAT Thomas
(87) International Publication No	:WO 2013/152938	2)RIEGER Detlef
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a method for operating a vacuum melting system for the metallurgical treatment of a steel melt and a vacuum melting system operated according to said method acoustic signals generated in a pan (6) receiving the steel melt are recorded with at least one structure borne sound pick up (30 1 30 2 30 3 30 4) acoustically coupled directly or indirectly to said pan (6) and are used for determining a variable characterising the operating state of the vacuum melting system.

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

(22) Date of filing of Application :04/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: MOTOR CONTROL CIRCUIT FOR A BRUSHLESS WASHING MACHINE MOTOR

(51) International classification :D06F37/42,D06F37/36,D06F37/30

(31) Priority Document No :10 2012 205 816.8 (32) Priority Date :10/04/2012

(86) International Application :PCT/EP2013/057066

No :PC1/EP2013/03/

Filing Date .04/04/201

(33) Name of priority country: Germany

(87) International Publication :WO 2013/152978

(61) Patent of Addition to Application Number :NA

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

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant :Carl Wery Str. 34 81739 München

Germany

(72)Name of Inventor:

1)ALBAYRAK Hasan Gökcer

2)DZIVY Miroslav 3)SEIDL Rudolf 4)SKRIPPEK Jörg

(57) Abstract:

The invention relates to a motor control circuit (10) for a brushless washing machine motor (12) comprising an inverter stage (14) for controlling the power of the brushless motor and comprising a control stage (16) for generating control signals for the inverter stage (14). The inverter stage is controlled by the control stage via control lines (46a 46b 46c 48a 48b 48c). A protective circuit (50) is provided for switching off the control lines. The invention further relates to a washing machine comprising such a motor control.

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

(19) INDIA

(22) Date of filing of Application :02/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A NOVEL COATING CONCEPT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C23C26/00 :12161742.7 :28/03/2012 :EPO :PCT/EP2013/056544 :27/03/2013 :WO 2013/144216 :NA :NA	(71)Name of Applicant: 1)ALFA LAVAL CORPORATE AB Address of Applicant: P.O. Box 73, SE-221 00, Lund Sweden (72)Name of Inventor: 1)SJÖDIN, Per
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.1880/KOLNP/2014 A

(57) Abstract:

The present invention relates to composition comprising a blend of at least one boron source and at least one silicon source, and the composition further comprises particles selected from particles having wear resistance properties, particles having surface enhancing properties, particles having catalytic properties or combinations thereof, wherein the blend comprises boron and silicon in a weight ratio boron to silicon within a range from about 3:100 wt:wt to about 100:3 wt:wt, wherein silicon and boron are present in the blend in at least 25 wt%, and wherein the at least one boron source and the at least one silicon source are oxygen free except for inevitable amounts of contaminating oxygen, and wherein the blend is a mechanical blend of particles in and the particles have an average particle size less than $250 \, \mu m$. The present invention relates further to a method for providing a coated product and a coated product obtained by the method.

No. of Pages: 59 No. of Claims: 32

(21) Application No.2097/KOLNP/2014 A

(19) INDIA

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

(54) Title of the invention: COMBINED GAS PROCESSING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B01D53/22,B01D53/75 :12159508.6 :14/03/2012 :EPO	(71)Name of Applicant: 1)METHAPOWER BIOGAS GMBH Address of Applicant: Burgring 1/4 A 1010 Wien Austria (72)Name of Inventor:
(86) International Application No Filing Date(87) International Publication No	:PCT/EP2013/055213 :14/03/2013 :WO 2013/135802	(72)Name of Inventor : 1)GRUBER SCHMIDT Johann
 (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 a process for removing carbon dioxide from a carbon dioxide containing gas mixture comprising a multistage gas purification characterized in that the gas mixture is contacted with a carbon dioxide absorbing liquid in at least one first stage which gives a prepurified gas mixture and the prepurified gas mixture is contacted with a carbon dioxide adsorber or a molecular sieve in at least one second stage which separates carbon dioxide from the gas mixture and to an apparatus for performing the process.

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

(21) Application No.2098/KOLNP/2014 A

(19) INDIA

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

(54) Title of the invention: CLAMP AND TROLLEY 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 	:2012901048 :15/03/2012 :Australia :PCT/AU2013/000251 :14/03/2013 :WO 2013/134824 :NA :NA	(71)Name of Applicant: 1)HONG KONG TURBO TROLLEY LIMITED NO. 1636690 Address of Applicant: Hong Kong Turbo Trolley Limited Rm 1005 10/FHO King Commercial Centre2_16 Fa Yuen Stmong Kok KL Hong Kong China (72)Name of Inventor: 1)McKAY Douglas
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a clamp and trolley system for moveably attaching a power cable hose or tube (104) of a lifting apparatus to a guiding cable or track the clamp 100) comprising: a first clamp component (102) having a first engagement surface (106 116) adapted to engage with the power cable hose or tube (104); and a second clamp component (114) having a second engagement surface (132 133) adapted to engage with the power cable hose or tube the second clamp component (114) being pivotally attachable to the first clamp component and rigidly fastenable to it in a range of relative orientations; wherein the first and second engagement surfaces (106 116;132 233) are shaped so as to clamp the power cable hose or tube (104) between the first (102) and second (114) clamp components as the second clamp component (124) is pivoted towards a more closed orientation.

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

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

(54) Title of the invention : CIRCUIT BREAKER ARRANGEMENT HAVING A METAL ENCAPSULATED CIRCUIT BREAKER HOUSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:27/03/2013 :WO 2013/152954	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)GRONBACH Peter 2)EHRLICH Frank 3)MAHMOUDI Bachir
` '	:WO 2013/152954 :NA :NA :NA :NA	7

(57) Abstract:

The invention relates to a circuit breaker arrangement (1) having a metal encapsulated circuit breaker housing (2) in which three switching units (5) are arranged wherein the circuit breaker housing (2) has openings through which first and second connection lines (6 7) of the switching units (5) pass and wherein a fixed contact side (5.2) of the switching units (5) is mechanically held in the circuit breaker housing (2) solely by the first connection lines (6) which are connected to said fixed contact side. According to the invention a drive contact side (5.1) of the switching units (5) is mechanically held in the circuit breaker housing (2) by means of a holder (11) which is mechanically coupled to the circuit breaker housing (2) and is composed of an electrically insulating material.

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

(21) Application No.1966/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DRILL BIT FOR PERCUSSIVE DRILLING

:WO 2013/139755

(51) International classification :E21B10/36,E21B10/56,E21B17/10

(31) Priority Document No :12160762.6 (32) Priority Date :22/03/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/055613

No :19/03/2013

Filing Date :19/03/201

(87) International Publication

(61) Patent of Addition to Application Number :NA

Application Number :NA Filing Date :NA

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)SANDVIK INTELLECTUAL PROPERTY AB
Address of Applicant :. . SE 811 81 Sandviken Sweden

(72)Name of Inventor : 1)LARSSON Kenneth

(57) Abstract:

This invention relates to a drill bit (1) for use in percussive drilling the drill bit (1) comprising a body (2) having a front face (4) at least one button on the front face (hereinafter face button) (10) and a plurality of gauge buttons (20) each of the buttons (10 and 20) having a working face (10a and 20a). At least a portion of at least one gauge button (20) working face (20a) has a curvature which deviates further from being flat by comparison to a curvature of any curved portion of at least one face button (10) working face (10a) so that said portion of at least one gauge button (20) working face (20a) projects further than said portion of at least one face button (10) working face (10a).

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

(21) Application No.1967/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: DEVICES FOR REGULATION OF BLOOD PRESSURE AND HEART RATE

(51) International :A61N1/36,A61N1/378,A61N1/372 classification

(31) Priority Document No :61/607701

(32) Priority Date :07/03/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/028865

:04/03/2013

Filing Date

(87) International Publication

:WO 2013/134121

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

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

Filing Date

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

Address of Applicant :2800 Patton Road St. Paul MN 55113

U.S.A.

(72) Name of Inventor:

1)DONDERS Adrianus P.

2)TWEDEN Katherine S.

3)KNUDSON Mark B. 4)THORNTON Arnold W.

(57) Abstract:

A method and apparatus for treating a condition associated with impaired blood pressure and/or heart rate in a subject comprising applying an electrical treatment signal wherein the electrical treatment signal is selected to at least partially block nerve impulses or in some embodiments to augment nerve impulses. In embodiments the apparatus provides a first therapy program to provide a downregulating signal to one or more nerves including renal artery renal nerve vagus nerve celiac plexus a splanchnic nerve cardiac sympathetic nerves spinal nerves originating between T10 to L5. In embodiments the apparatus provides a third therapy program to provide an upregulating signal to one or more nerves including a glossopharyngeal nerve and/ or a tissue containing baroreceptors.

No. of Pages: 110 No. of Claims: 32

(21) Application No.2089/KOLNP/2014 A

(19) INDIA

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

(54) Title of the invention: SOLAR REFLECTOR PLATE

(51) International classification	:G02B5/08,C23C14/06	(71)Name of Applicant:
(31) Priority Document No	:2012091286	1)JFE STEEL CORPORATION
(32) Priority Date	:12/04/2012	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/JP2013/057878	(72)Name of Inventor:
Filing Date	:19/03/2013	1)SASHI Kazumichi
(87) International Publication No	:WO 2013/153923	2)OSHIGE Takahiko
(61) Patent of Addition to Application	:NA	3)ISHIKAWA Shin
Number	:NA	4)SAKAMOTO Yoshihito
Filing Date	.11/1	5)KUBOTA Takahiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide a solar reflector plate maintaining an excellent reflectance of a reflective layer and having excellent sand resistance and weather resistance. The solar reflector plate according to the present invention comprises a substrate; a reflective layer provided onto the substrate; and a protective layer provided onto the reflective layer wherein the protective layer contains silicon and an organic substance contains silicon in an amount of 10% by mass to 60% by mass in terms of SiO2 and has 1.5 to 3.2 oxygen atoms on average that form a chemical bond with silicon.

No. of Pages: 32 No. of Claims: 5

(22) Date of filing of Application :06/10/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD FOR OPERATING A VACUUM MELTING SYSTEM AND VACUUM MELTING SYSTEM OPERATED ACCORDING TO SAID 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 	:C21C7/10 :12163717.7 :11/04/2012 :EPO :PCT/EP2013/055949 :21/03/2013 :WO 2013/152936 :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München Germany (72)Name of Inventor: 1)MATSCHULLAT Thomas 2)RIEGER Detlef
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for operating a vacuum melting system for metallurgically treating molten steel and to a vacuum melting system operated according to said method. The acoustic signals generated in a ladle (6) which receives the molten steel are detected by means of at least one structure borne noise detector (30 1 30 2 30 3 30 4) which is directly or indirectly acoustically coupled to the ladle (6) and the acoustic signals are used to ascertain the height (H) or the thickness (d) of the foamed slag (18) which can be found in the ladle over the molten bath (14) of the molten steel.

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

(21) Application No.2091/KOLNP/2014 A

(19) INDIA

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

(54) Title of the invention: DEVICE FOR PROTECTING A USER

(51) International :H02H3/08,H01H71/14,H01H11/00 classification

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

(33) Name of priority country: NA

(86) International Application :PCT/EP2012/057284

:20/04/2012 Filing Date

(87) International Publication :WO 2013/156080

(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) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72) Name of Inventor: 1)FEIL Wolfgang 2)MAIER Martin 3)PFITZNER Klaus

4)RÖSCH Bernhard

(57) Abstract:

The invention relates to a device (1) for protecting a user (2) the device (1) having a first current path (100) which comprises a first and a second conduit (101 102) and a monitoring device for detecting an imminent overload of the electric user (2). In order to provide a thermally and electrically optimised improved and cost effective device (1) by means of which an imminent overload of a user can be detected the monitoring device comprises a first temperature measurement unit (18) a support (15) an evaluation unit (4) and a first transducer (10) that produces an electrically conductive connection between the first and second conduits (101 102) of the first current path (100) the first temperature measurement unit (18) being electrically insulated from the first transducer (10) and comprising a first temperature sensor (11) an additional electrically insulating material (14) being arranged on a first lateral surface (151) of the support (15) between the first transducer (10) and the support (15) and the first temperature sensor (11) being arranged on the support (15) in such a manner that it can detect a temperature of the first transducer (10) the evaluating unit (4) being able to detect an imminent overload at the user (2) on the basis of temperatures detected by the first temperature sensor (11).

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

(21) Application No.1982/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: BALL COLLECTION SYSTEM AND PLAYING AREA

:A63B71/02,A63B47/02 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)COURTFLOW LIMITED :1205055.5 (32) Priority Date :22/03/2012 Address of Applicant: 18 Grosvenor Road London W4 4EH (33) Name of priority country U.K. :U.K. (86) International Application No :PCT/GB2013/050759 (72) Name of Inventor: Filing Date :22/03/2013 1)BRAY Oliver Mark Tristan (87) International Publication No :WO 2013/140183 2) GRIFFITHS Peter William (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A ball collection system for a tennis court (1) configured to be provided along an edge (2a) of a tennis court comprising: a first slope (11) extending along said edge of the tennis court and configured such that the height of the first slope decreases in a first direction away from said edge of the tennis court; a second slope 12) arranged adjacent to the first slope on the opposite side of the first slope from the edge of the tennis court and configured such that the height of the second slope decreases in a second direction perpendicular to the first direction from a first end that is no higher than the lowest part of the first slope to a second end; and a ball collector (14) arranged at the second end of the second slope and configured to receive balls that roll down the second slope.

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

(22) Date of filing of Application: 19/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD AND DEVICE FOR EVALUATING MULTIMEDIA QUALITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B17/00 :201210120184.6 :23/04/2012 :China :PCT/CN2012/081967 :26/09/2012 :WO 2013/159487 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)SUN Lina 2)GAO Shan 3)XIE Qingpeng
--	---	---

(57) Abstract:

Disclosed are a method and a device for evaluating quality of multimedia. The method comprises: obtaining reference quality of video of a multimedia sequence final quality of the video reference quality of audio of the multimedia sequence and final quality of the audio; determining reference quality of the multimedia sequence according to the reference quality of the video and the reference quality of the audio; determining a distortion value of the multimedia sequence according to the reference quality of the video the final quality of the video the reference quality of the audio; and determining multimedia quality of the multimedia sequence according to the reference quality of the multimedia sequence and the distortion value of the multimedia sequence. The method and the device for evaluating multimedia quality according to embodiments of the present invention can directly reflect distortion of the multimedia sequence conforming to a subjective feeling of human thereby correctly and effectively evaluating the multimedia quality.

No. of Pages: 52 No. of Claims: 24

(22) Date of filing of Application :20/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SELECTING ANTENNAS IN DOWNLINK COOPERATIVE SCHEDULING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B7/02 :NA :NA :NA :NA :PCT/SE2012/050368 :04/04/2012 :WO 2013/151470 :NA :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)VON WRYCZA Peter 2)JOHANSSON Niklas 3)PARKVALL Stefan
--	--	--

(57) Abstract:

It is presented a method for obtaining a set of selected antennas in a mobile communication network wherein each one of the selected antennas is intended to be used in data transmissions to a first mobile communication terminal. The method is performed in a network node of the mobile communication network and comprises the steps of: obtaining a set of candidate antennas wherein each one of the candidate antennas is arranged to send out the same cell identifier and at least some of the candidate antennas have different coverage areas; evaluating performance of at least a subset of the candidate antennas in relation to the first mobile communication terminal; and determining a set of selected antennas based on the performance of the candidate antennas having been evaluated. A corresponding network node computer program and computer program product are also presented.

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

(21) Application No.2102/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ADJUVANT FORMULATIONS AND METHODS

(51) International classification	:A61K45/00,A61K47/00	(71)Name of Applicant:
(31) Priority Document No	:61/647390	1)SUBHASH V. Kapre
(32) Priority Date	:15/05/2012	Address of Applicant :362 Bellevue Way NE N435 Bellevue
(33) Name of priority country	:U.S.A.	Washington 98004 U.S.A.
(86) International Application No	:PCT/IB2013/053890	(72)Name of Inventor:
Filing Date	:13/05/2013	1)SUBHASH V. Kapre
(87) International Publication No	:WO 2013/171661	
(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 is directed to methods for administering antigenic material to a patient as a vaccine against an infection comprising providing both an antigenic material specific to the desired immunological response desired plus an adjuvant comprised of a peptide of a sequence derived from the sequence of pneumococcal surface adhesin A protein (PsaA). Preferably the peptide comprises a sequences derived from one or more sequences of PsaA that contain the epitope regions or contiguous amino acids of SEQ ID NOs 1 or 2. The invention is also directed to vaccine compositions containing adjuvant of the invention and also adjuvant compositions of the invention.

No. of Pages: 22 No. of Claims: 26

(21) Application No.1786/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SINGLE RING CARDIAC VALVE SUPPORT

(57) Abstract:

The present invention is primarily directed a prosthetic cardiac valve support device adapted for endovascular delivery to a cardiac valve comprising a single ring shaped support element having an inner diameter and an outer diameter wherein said support element has an outer perimeter that is entirely rigid wherein said support element is fitted with one or more intraventricular and/or intra atrial stabilizing elements and wherein said support element has a collapsed delivery configuration and a deployed configuration.

No. of Pages: 92 No. of Claims: 18

(21) Application No.1898/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SMART 3GDT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04W48/00 :NA :NA :NA :PCT/CN2012/000175 :14/02/2012 :WO 2013/120223	2)XIA Qi 3)DING Huiping
ĕ		,
(61) Patent of Addition to Application	:NA	4)SHA Ping
Number Filing Date	:NA	5)QU Zhiwei 6)YU Zhao
(62) Divisional to Application Number	:NA	7)GUO Lei
Filing Date	:NA	

(57) Abstract:

A smart 3GDT schema has been disclosed in detail a method for controlling the communication of a network system has bee disclosed. The network system comprises a UE a NodeB a RNC a SGSN and a GW. The UE is arranged to be in communication with the RNC via the NodeB and the RNC is arranged to be in communication with the SGSN which in turn being arranged to be in communication with the GW for non 3 GDT communication of the network system or the RNC is arranged to be in communication with the GW for 3 GDT communication of the network system. In this method statistics of payload transferred between the UE and the GW has been monitored and if the statistics of payload within a predetermined time period exceeds a fist threshold and the UE is in the non 3 GDT communication then switching the non 3 GDT communication to the 3 GDT communication. The present application has also disclosed the SGSN GW and the network system adaptive to perform the method.

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

(22) Date of filing of Application :04/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR OPERATING INSTANCES OF A GAME

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:G07F17/32 :1202370.1 :10/02/2012 :U.K. :PCT/GB2013/050297 :08/02/2013 :WO 2013/117938 :NA :NA	(71)Name of Applicant: 1)RATIONAL INTELLECTUAL HOLDINGS LIMITED Address of Applicant: Douglas Bay Complex King Edward Road Onchan Isle of Man IM3 1DZ U.K. (72)Name of Inventor: 1)BOURENKOV Serguei 2)SHEIKHMAN Vadim 3)LIGOUM Dmitri
--	--	---

(57) Abstract:

Disclosed is a computer implemented method of (and system for) operating instances of a game having a plurality of game positions that can be occupied by players such as a poker type game. The method comprises assigning a player a plurality of weights relating to game positions where each weight indicates a bias towards placement of the player at a game position. When a player has played in a first game at a given position the weights are updated to indicate an altered bias towards placement at each position. The player is then assigned to a second game based on the updated weights.

No. of Pages: 51 No. of Claims: 9

(21) Application No.2117/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR CONVEYING LUMPY PRODUCTS

(51) International :B65G47/08,B65G47/29,B65G47/84 classification :B65G47/08,B65G47/29,B65G47/84 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country:NA (86) International :PCT/EP2012/056702

Application No :PCT/EP2012/056/02

Filing Date :12/04/2012

(87) International Publication :WO 2013/152798

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

Filing Date
(62) Divisional to
Application Number
Filing Date

NA
:NA
:NA

(71)Name of Applicant:

1)LOESCH VERPACKUNGSTECHNIK GMBH Address of Applicant :Industriestr. 1 96146 Altendorf

Germany

(72)Name of Inventor:

1)HAMMACHER Heinz Peter

(57) Abstract:

The invention provides a single track or multiple track apparatus and a corresponding method for conveying lumpy products (P) (biscuits chocolate products or the like) in such a way that the products (P) are separated from a product stream on each of the tracks and are subsequently conveyed further spaced apart uniformly and/or in groups. Devices (50 70) for conveying the products are provided in each track in the region of the transition from the feeding devices (10) to the discharging devices (30) which devices (50 70) have driver devices (70).

No. of Pages: 55 No. of Claims: 14

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: IMAGE PROCESSING APPARATUS AND METHOD OF CAMERA

(51) International classification	:H04N5/232	(71)Name of Applicant:
(31) Priority Document No	:1020120039076	1)SAMSUNG ELECTRONICS CO. LTD.
(32) Priority Date	:16/04/2012	Address of Applicant :129 Samsung ro Yeongtong gu Suwon
(33) Name of priority country	:Republic of Korea	si Gyeonggi do 443 742 Republic of Korea
(86) International Application No	:PCT/KR2013/003166	(72)Name of Inventor:
Filing Date	:16/04/2013	1)LEE Yong Gu
(87) International Publication No	:WO 2013/157802	2)LEE Jin Aeon
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An image processing apparatus and method of a camera is provided for compensating for shutter lag. An image processing apparatus includes an image scaler which scales a camera output image to a viewing image a buffer which buffers the camera output image a multiplexer which multiplexes outputs of the image scaler and the buffer an image processor which processes multiplexed images corresponding to the multiplexed outputs of the image scaler and the buffer a demultiplexer which demultiplexes an output of the image processor so as to supply the viewing image to a display unit a codec which encodes the camera output image output by the demultiplexer into a capture image and a controller which controls the multiplexer and the demultiplexer in a time divisional manner within a frame duration such that the image processor processes the viewing and camera output image sequentially in a capture mode.

No. of Pages: 99 No. of Claims: 36

(22) Date of filing of Application :25/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PROCESS FOR MAKING RECOMBINANT ANTIDOTE TO FACTOR XA INHIBITOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/598,694 :14/02/2012 :U.S.A.	(71)Name of Applicant: 1)PORTOLA PHARMACEUTICALS, INC. Address of Applicant:270 E. Grand Avenue, Suite 22, South San Francisco, California 94080 U.S.A. (72)Name of Inventor: 1)LU, Genmin 2)CONLEY, Pamela B. 3)SINHA, Uma
--	---------------------------------------	--

(57) Abstract:

Disclosed are methods and isolated cells useful for the improved production of function fXa derivative protein that acts as a fXa inhibitor antidote. One aspect relates to an isolated cell comprising the r-Antidote polynucleotide and Furin polynucleotide. Another aspect relates to a method for preparing the cleaved two-chain r-Antidote by expressing, in a cell, the pre-processed r-Antidote polypeptide and a Furin polypeptide.

No. of Pages: 42 No. of Claims: 53

(22) Date of filing of Application :25/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: CUTTING TOOL AND CUTTING TOOL HOLDER HAVING LEVER PIN

(51) International classification	:B23B27/16	(71)Name of Applicant:
(31) Priority Document No	:13/450691	1)ISCAR LTD.
(32) Priority Date	:19/04/2012	Address of Applicant :P.O. Box 11 24959 Tefen Israel
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/IL2013/050256	1)HECHT Gil
Filing Date	:19/03/2013	
(87) International Publication No	:WO 2013/156991	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tool holder (100) includes an insert pocket (102) having a support surface (110) with a pocket recess (116) occupied by a lever pin (120) and a fastening member (130). A head portion (122) of the lever pin (120) has a lever head rear contact surface (C) located above the support surface (110) for pressing against a bore (148) of a cutting insert (140) in the insert pocket (102). The fastening member (130) engages a threaded recess (118) which extends from the pocket recess (116) along a threaded recess axis (T). The fastening member (130) includes a guiding prong (134) located within a blind hole (126) in the front of the lever pin (120). A clamping contact surface (B) of the fastening member (130) is adjacent to a lever front contact surface (H) of the lever pin (120). A first longitudinal distance (hi) between the lever rear contact surface (C) and the lever front contact surface (H) is smaller than a second longitudinal distance (h2) between the lever front contact surface (H) and a lever lower rear contact surface (G).

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

(22) Date of filing of Application :08/10/2014 (43)

(43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD AND DEVICE FOR AUTOMATICALLY COMPENSATING FOR MOMENT OF COMPRESSOR COMPRESSOR AND CONTROL METHOD FOR SAME

(51) International classification :F04B49/06 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No Filing Date :26/12/2013 (87) International Publication No (61) Patent of Addition to Application Number Filing Date :NA (82) Priority Document No :NA :NA :NA :NA :NA :NA :NA	2)XIANG Weimin
---	----------------

(57) Abstract:

Disclosed is a method for automatically compensating for moment of a compressor comprising the steps of: acquiring a target speed and a feedback speed; generating a fluctuation speed from the target speed and the feedback speed; generating a moment compensation angle from the target speed and the fluctuation speed by means of a phase locked loop; acquiring a load moment reference value and generating a moment compensation amplitude value from the load moment reference value; and generating a feed forward moment compensation value from the target speed the moment compensation angle and the moment compensation amplitude value. The method for automatically compensating moment of a compressor can track in real time a load moment angle and the load moment amplitude value so as to greatly reduce the debugging time of moment compensation and achieve the optimal compensation effect in all working conditions of the compressor. Also disclosed are a control method for a compressor a device for automatically compensating moment of a compressor and a compressor comprising the device.

No. of Pages: 40 No. of Claims: 22

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ROTATION TYPE COMPRESSOR AND REFRIGERATION CYCLE APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :PCT/CN2013/086363 :31/10/2013 :WO 2015/062048 :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)OZU Masao 2)XIANG Weimin 3)YU Jijiang 4)GUO Hong 5)YANG Jingtao 6)ZHANG Cheng 7)GAO Bin 8)WANG Ling
--	---	--

(57) Abstract:

A rotation type compressor and a refrigeration cycle apparatus. The rotation type compressor (100) comprises lubricating oil sealed in a sealed housing (2) and an electrodynamic type motor (3) and a rotation type compression mechanism (4) both disposed in the housing (2). The inner pressure of the housing (2) is the same as the suction pressure of a compressor mechanism. The rotation type compression mechanism (4) comprises a main bearing (25) and an auxiliary bearing (30). At least one of the main bearing (25) and the auxiliary bearing (30) is provide with exhaust silencer. A refrigerant of the exhaust silencer is discharged from an exhaust pipe (6) of the compression mechanism (4) through a slide piece cavity (12).

No. of Pages: 31 No. of Claims: 9

(22) Date of filing of Application :03/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : COMPACT X RAY SOURCES FOR MODERATE LOADING WITH X RAY TUBE WITH CARBON NANOTUBE CATHODE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H01J35/02,H01J35/06,H05G1/06 :VR2012A000035 :05/03/2012 :Italy	(71)Name of Applicant: 1)MOLTENI Roberto Address of Applicant:Località Lubiara 119 I 37013 Caprino Veronese (VR) Italy
(86) International Application No Filing Date (87) International Publication	:PCT/EP2013/000603 :01/03/2013	(72)Name of Inventor: 1)MOLTENI Roberto
No	:WO 2013/131628	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application		
Number Filing Date	:NA :NA	

(57) Abstract:

New kinds of moderate load X ray source devices are described with reduced weight and size thus being especially suitable for compact portable X ray sources such as those required for hand held dental and veterinarian applications. The devices comprises an X ray tube (1) with carbon nanotube cathode (3) and electrically grounded anode (5) whereas the overall design of the device and of the X ray tube therein are adapted so to take advantage of the special characteristics of the carbon nanotube cathode instead of replicating the design concepts that have been used for long time with filament based X ray tubes and with high load X ray sources.

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

(21) Application No.1888/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR CONNECTION RE ESTABLISHMENT IN A TELECOMMUNICATION SYSTEM

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No :NA :NA (72)N :PCT/SE2012/050288)Name of Applicant:)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden ()Name of Inventor:)WAGER Stefan)SÅGFORS Mats
---	--

(57) Abstract:

The invention relates to a method in a user equipment and a user equipment (700) for controlling connection re establishment between said user equipment and a network. The method comprises the steps of receiving (501) a configuration message from the network defining at least one condition; upon detection of connectivity problems (503) towards the first cell evaluating said at least one condition (504); if said at least one condition is fulfilled for a neighboring cell (B) applying at least one special criterion for initiating connection re establishment to said neighboring cell (505) said at least one special criterion being different from at least one criterion that is applied if said at least one condition is not fulfilled. The invention furthermore relates to a method and an arrangement in a network node (800) for controlling connection re establishment between the network and a user equipment (700).

No. of Pages: 50 No. of Claims: 41

(22) Date of filing of Application :03/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: GYRATORY CRUSHER BEARING

(51) International classification	:B02C2/04	(71)Name of Applicant:
(31) Priority Document No	:12160023.3	1)SANDVIK INTELLECTUAL PROPERTY AB
(32) Priority Date	:19/03/2012	Address of Applicant :SE 811 81 Sandviken Sweden
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/055500	1)BEHRENS Jonas
Filing Date	:18/03/2013	2)BENGTSSON Andreas
(87) International Publication No	:WO 2013/139715	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A gyratory crusher bearing (106) comprising: a bearing surface (110) to support rotational movement of a crushing head (103) wherein a shape profile of the bearing surface (110) at a cross section of the bearing (106) perpendicular to a longitudinal axis (114) of the bearing (106) is substantially circular; a mounting surface (203) for positioning against a bearing support (105) the mounting surface (203) orientated to be outward facing relative to the longitudinal axis (114); a bearing wall (206) defined between the mounting surface (203) and the bearing surface (110) the bearing surface (110) defining a central bore (112) extending between a first edge end (202) and a second edge end (201) of the wall (206); the bearing (106) characterised by: at least one region of the mounting surface (203) that in combination with the bearing surface (110) defines the wall (206) between the first edge end (202) and the second edge end (201) comprises a shape profile at a cross section of the bearing (106) perpendicular to the longitudinal axis (114) that is non circular to define an anchorage region to inhibit rotation of the bearing (106) about the longitudinal axis (114) relative to the bearing support (105).

No. of Pages: 21 No. of Claims: 14

(21) Application No.2123/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SOFT POLYPROPYLENE WITH IMPROVED OPTICAL PROPERTIES

(51) International classification: C08L23/14,C08J5/18,B32B27/32 (71) Name of Applicant: (31) Priority Document No :12162007.4 1)BOREALIS AG (32) Priority Date :29/03/2012 Address of Applicant :IZD Tower Wagramerstraße 17 19 A (33) Name of priority country :EPO 1220 Vienna Austria (86) International Application (72) Name of Inventor: :PCT/EP2013/056208 No 1)GAHLEITNER Markus :25/03/2013 Filing Date 2)SANDHOLZER Martina (87) International Publication 3)BERNREITNER Klaus :WO 2013/144060 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Polymer composition comprising a propylene copolymer and a styrenic based elastomer.

No. of Pages: 50 No. of Claims: 14

(21) Application No.2124/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/10/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention: HEALTH INFORMATION 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 	:G06Q50/22 :201210102361.8 :10/04/2012 :China :PCT/CN2012/082643 :09/10/2012 :WO 2013/152579 :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang District Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)WEN Changcheng 2)LIU Bo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A health information system belongs to the field of data management. The system comprises: at least one medical organization server a front end processor two or more data gateways and a data exchange platform. The at least one medical organization server is configured to send medical data to the front end processor. The front end processor is configured to receive the medical data from the at least one medical organization server acquire a target data gateway from the two or more data gateways and send the medical data to the target data gateway. The two or more data gateways are configured to receive the medical data and send the medical data to the data exchange platform. The data exchange platform is configured to process the received medical data. The present invention prevents the service from being influenced by congestion at a single data gateway when the service is busy or by a failure at a front end processor of a medical organization thereby increasing data stability and guaranteeing the normal operation of a medical service.

No. of Pages: 29 No. of Claims: 9

(22) Date of filing of Application :03/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: CONNECTING DEVICE AND ELECTRICAL SWITCHING SYSTEM

(51) International

:F16L27/08,H02B5/06,H02B13/045

classification

:10 2012 204 372.1

(31) Priority Document No (32) Priority Date

:20/03/2012

(33) Name of priority country: Germany

(86) International Application :PCT/EP2013/054187

:01/03/2013

:NA

Filing Date

(87) International Publication :WO 2013/139574

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72) Name of Inventor:

1)RAUTENBERG Steffen

2)SCHMIDTKE Markus

The invention relates to a connecting device (1) for connecting two pipeline sections (4.5) comprising at least two annular pipe flanges (2 3). According to the invention each pipe flange (2 3) has an inner side (11 12) which faces the respectively other pipe flange (2 3) and an outer side (A1 A2) which lies opposite the inner side (I1 I2) wherein the inner sides (I1 I2) in each case enclose an inner cross sectional surface (IF1 IF2) and the outer sides (A1 A2) in each case enclose an outer cross sectional surface (AF1 AF2) wherein a first normal vector (NIF1 NIF2) which runs through the centre point of the inner cross sectional surface (IF1 IF2) is oriented in parallel at a predefined spacing (d) with respect to a second normal vector (NAF1 NAF2) which runs through the centre point of the outer cross sectional surface (AF1 AF2) of the same pipe flange (2 3) wherein the pipe flanges (2 3) can be fastened on the inner sides (I1 I2) such that they bear against one another at a predefinable rotational angle (a). Furthermore the invention relates to an electrical switching system (7) comprising at least one connecting device (1) of this type.

No. of Pages: 34 No. of Claims: 11

⁽⁵⁷⁾ Abstract:

(21) Application No.1884/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: EMERGENCY AND BACK UP COOLING OF NUCLEAR FUEL AND REACTORS

(51) International classification	:G21C15/18,G21C9/00	(71)Name of Applicant:
(31) Priority Document No	:61/611585	1)LIN HENDEL Catherine
(32) Priority Date	:16/03/2012	Address of Applicant :18850 Blythswood Drive Los Gatos CA
(33) Name of priority country	:U.S.A.	95030 U.S.A.
(86) International Application No	:PCT/US2013/031408	(72)Name of Inventor:
Filing Date	:14/03/2013	1)LIN HENDEL Catherine
(87) International Publication No	:WO 2013/184207	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An embodiment uses liquid nitrogen the densest and highly transportable form of nitrogen and the cold nitrogen gas it produces when released from its container for emergency cooling of fuel rods and nuclear reaction chambers.

No. of Pages: 24 No. of Claims: 7

(22) Date of filing of Application :03/09/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : CHASSIS DYNAMOMETER AND METHOD OF OPENING AND CLOSING A ROLLER OPENING OF CHASSIS DYNAMOMETER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01M 17/007 :2012-066477 :23/03/2012 :Japan :PCT/JP2013/054814 :25/02/2013 :WO 2013/140956 :NA :NA :NA	(71)Name of Applicant: 1)MEIDENSHA CORPORATION Address of Applicant:1-1, OSAKI 2-CHOME, SHINAGAWA-KU, TOKYO 141-6029, JAPAN. (72)Name of Inventor: 1)KAZUHISA OTSUKI
--	--	---

(57) Abstract:

In a conventional chassis dynamometer, when a roller opening formed in a pit cover is closed by an open/close plate, the open/close plate is projected from an upper surface of the pit cover so that irregularities are generated on the upper surface of the pit cover. A chassis dynamometer 1 includes rollers 2, 3 on which wheels of a test vehicle are rested through roller openings 6, 7 formed in a pit cover 5, and an opening open/close mechanism 15 that opens and closes the roller openings 6, 7. The rollers 2, 3 are ascendably and descendably operated by a roller ascent/descent operation mechanism 8. The rollers 2, 3 are operated to descend, and the roller openings 6, 7 are closed by open/close plates 16.

No. of Pages: 24 No. of Claims: 8

(21) Application No.447/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: A HERBAL FORMULATION TO ENHANCE POULTRY IMMUNITY

(51) International classification(31) Priority Document No(32) Priority Date	:A61K36/00 :NA :NA	(71)Name of Applicant: 1)MOHAMMAD ALAM Address of Applicant:S/O SHAIKH SALEEM, VILLAGE-
(33) Name of priority country	:NA	CHAINPUR, POST-DHAKA, EAST CHAMPARAN, 845418,
(86) International Application No	:NA	BIHAR India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ALAM, MOHAMMAD
(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 herbal formulation prepared from plant Bombax ceiba and Capsicum frutescens to enhance poultry immunity. The herbal composition used in present invention helps in improving immunity of poultry without any side effect. The present invention provides an effective and low cost method for enhancing immunity.

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

(22) Date of filing of Application :22/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: E-2000 DRAW WORK MAIN BRAKE FOUNDATION PLATE WELDING FIXTURE.

(51) International classification	:B23K37/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI - 110049, West Bengal India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AKELLA VENKATA SATYA KARTHIKEYUDU
(62) Divisional to Application Number	:NA	2)MUKESH KUMAR CHAND
Filing Date	:NA	3)MARREDDY CHANDRASEKHARA REDDY

(57) Abstract:

The invention relates to E-2000 Draw Work Main Brake Foundation Plate Welding fixture for alignment of foundation plate in the work skid assembly which eliminates the problem relating to alignment in the skid, which as such be carried out on the work bench and then it can be transported to the skid with the help of crane without disturbing the alignment and perform the welding work.

No. of Pages: 10 No. of Claims: 3

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: COIL UNIT AND ELECTRIC 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 	:B60L11/18 :10 2012 103 315.3 :17/04/2012 :Germany :PCT/EP2013/052016 :01/02/2013 :WO 2013/156169 :NA :NA	(71)Name of Applicant: 1)CONDUCTIX WAMPFLER GMBH Address of Applicant:Rheinstrasse 27 + 33 79576 Weil am Rhein Germany (72)Name of Inventor: 1)WECHLIN Mathias 2)ASSELIN Pascal 3)GREEN Andrew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a coil unit (6) for an electric vehicle (5) for the inductive transfer of electrical energy between the coil unit (6) and a stationary charging station wherein the coil unit (6) comprises at least one coil (12) and a flux guide unit (14) for guiding a magnetic flux occurring during operation of the coil (12). The invention also relates to an electric vehicle (5) having a coil unit (6) for the inductive transfer of electrical energy between a secondary coil (12) of the coil unit (6) and a primary coil (8) of a charging station. The invention solves the problem of allowing the safe use of the inductive electrical energy transfer in electric vehicles in particular motor vehicles by proposing a coil unit (6) in which the flux guide unit (14) has material weakenings (15; 19; 20; 22 26) and an electric vehicle (5) having such a coil unit (6).

No. of Pages: 19 No. of Claims: 13

(22) Date of filing of Application :07/10/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : ARRANGEMENT FOR MEASURING A CURRENT WITH A CURRENT TRANSDUCER OF THE ROGOWSKI TYPE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:27/03/2013 :WO 2013/156103 :NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstr. 44 CH 8050 Zürich Switzerland (72)Name of Inventor: 1)PASCAL Joris 2)ZURFLUH Franz
- 14	:NA :NA :NA	

(57) Abstract:

The invention is about an arrangement for measuring a current with a current transducer of the Rogowski type (9) and a transducer electronics (13) wherein the current transducer (9) has a primary conductor winding (14) having a first number of loops (N1) for carrying the rated current (i(t)) to be measured a secondary conductor winding (16) having a pair of second terminals (17,18) and a helical shape and a second number of loops (N2) said secondary conductor winding (16) encircling the primary conductor (14) in a toroidal manner characterised by a third conductor winding (10) having a pair of third terminals (11,12) with a third number of loops (N3) wherein the third conductor winding is adapted to receive a calibration current signal (I cal (t)) wherein the secondary conductor winding (16) is adapted to induce between its pair of second terminals (17,18) a voltage signal V s' said voltage signal V containing the coil sensitivity S and being a superposition of a rated current voltage signal (Vs) in response to the derivative of the rated current (di(t)/dt) and an additional calibration signal (V cal) in response to the derivative of the calibration current signal (i cal(t)) and the transducer electronics (13) being adapted to amplify both the current voltage signal (V s) and the calibration signal (V cal) in the same amplifier and to divide the amplified current voltage signal by that part of the amplified calibration signal that contains the coil sensitivity and the gain.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : AN ECO-FRIENDLY PROCESS OF MANUFACTURING HANDMADE PAPER OF COIR BIT FIBRES:.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:D21C1/06 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)COIR BOARD Address of Applicant:GARIAHAT, 19, SUREN TAGORE ROAD, BALLYGUNGE, P.O. KOLKATA -700 019 West Bengal India (72)Name of Inventor: 1)GOPALAN BALACHANDRAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)GOPALAN BALACHANDRAN 2)UMA SANKAR SARMA AND DATH

(57) Abstract:

An eco-friendly process of manufacturing handmade paper of coir. The present invention relates to an eco-friendly process of manufacturing handmade paper of coir comprising steps of:- adding coir bit fibres/pith to hosiery/paper waste followed by mixing of water during beating process, - formation of sheet and squeezing to remove water, - calendaring of paper. It is associated with the following advantageous features:- - Desired strength and texture of handmade paper. - Production of handmade paper sheets, corrugated sheets, egg trays, garden articles, paper carry bags etc having desired properties on the same available machinery. - Better strength and texture of handmade papers involving faster process in comparison to the conventional process of paper making.

No. of Pages: 7 No. of Claims: 6

(22) Date of filing of Application :05/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: DEVICE AND METHOD FOR REDUCING DEW POINT OF AMBIENT GAS IN ANNEALING FURNACE AND METHOD FOR PRODUCING COLD ROLLED ANNEALED STEEL PLATE

(51) International classification :C21D9/56,C21D1/74,C21D1/76 (71) Name of Applicant:

(31) Priority Document No :2012088088 (32) Priority Date :09/04/2012

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/002352

Filing Date :05/04/2013

(87) International Publication No: WO 2013/153790

(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)FUJII Takamasa

2)IRI Masato

3)SATO Nobuyuki

(57) Abstract:

In the present invention a portion of the ambient gas of a heating zone (1) and/or a soaking zone is sucked out passed through the high temperature gas duct of a heat exchanger (9) to be cooled by means of heat exchange with a gas within a low temperature gas duct then cooled by means of passing through a gas cooling device (10) then dehumidified to a dew point of no greater than 45°C by means of a dryer (11) then passed through the low temperature gas duct of the heat exchanger (9) to be heated by means of heat exchange with the gas within the high temperature gas duct and then is returned to the heating zone (1) and/or the soaking zone while a portion of the gas headed to the low temperature gas duct of the heat exchanger (9) from the dryer (11) is returned to a cooling zone (2) by which means it is possible to achieve a reduced dew point of no greater than 45°C in an energy efficient manner.

No. of Pages: 24 No. of Claims: 3

(21) Application No.1902/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: TETRAHYDRO QUINAZOLINONE DERIVATIVES AS TANK AND PARP INHIBITORS

(51) International :C07D403/12,C07D401/04,C07D401/12 classification

(31) Priority Document

:12000841.2

(32) Priority Date :09/02/2012

(33) Name of priority country

:EPO

(86) International

:PCT/EP2013/000078

Application No

:14/01/2013 Filing Date (87) International

Publication No

:WO 2013/117288

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

:NA Filing Date

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

(57) Abstract:

forms of inflammation.

(71)Name of Applicant:

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt Germany

(72)Name of Inventor:

1)BUCHSTALLER Hans Peter

2)ESDAR Christina 3)LEUTHNER Birgitta

Compounds of the formula I in which U V and W have the meanings indicated in Claim 1 are inhibitors of Tankyrase and can be employed inter alia for the treatment of diseases such as cancer cardiovascular diseases central nervous system injury and different

No. of Pages: 92 No. of Claims: 16

(21) Application No.1903/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: FURO [3 2 B] AND THIENO [3 2 B] PYRIDINE DERIVATIVES AS TBK1 AND IKK INHIBITORS

(51) International :C07D493/04,C07D495/04,A61K31/4355 classification

(31) Priority Document :12000842.0

:09/02/2012 (32) Priority Date

(33) Name of priority :EPO

country

(86) International

:PCT/EP2013/000006 Application No :03/01/2013

Filing Date

(87) International :WO 2013/117285 Publication No

(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)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt Germany

(72) Name of Inventor:

1)EGGENWEILER Hans Michael

2)HOELZEMANN Guenter

3)DORSCH Dieter

(57) Abstract:

Compounds of the formula (I) in which R1,R2 and X have the meanings indicated in Claim 1 are inhibitors of TBK1 and IKKE and can be employed inter alia for the treatment of cancer and inflammatory diseases.

No. of Pages: 135 No. of Claims: 9

(22) Date of filing of Application :05/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : VOLTAGE CONTROL DEVICE AND VOLTAGE CONTROL METHOD FOR POWER CONVERSION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02M 7/48 :2012-035701 :22/02/2012 :Japan :PCT/JP2013/052180 :31/01/2013 :WO 2013/125320	(71)Name of Applicant: 1)MEIDENSHA CORPORATION Address of Applicant:1-1, OSAKI 2-CHOME, SHINAGAWA-KU, TOKYO 141-6029 JAPAN (72)Name of Inventor: 1)SHIZUNORI HAMADA 2)TOSHIMICHI TAKAHASHI
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Abstract :		

(57) Abstract:

A control is required for restraining an increase of a dc intermediate voltage due to a disturbance at the time of operation of controlling a load with a power conversion apparatus. A current estimating section is provided for estimating a sensed current from a sensed voltage by performing a pseudo differentiation to suppress higher harmonics with LPF after differentiation of the sensed dc intermediate voltage. Furthermore, an LPF is provided for causing the current command for controlling the dc intermediate voltage, to pass through the LPF. The system is configured to estimate a deviation between the current command caused to pass through the LPF and the current estimated by the current estimating section, as an estimated disturbance, to add the estimated disturbance and the current command in reverse polarity, to produce the current command by inputting the result of the addition into the current control section and to control the output voltage of the forward converting section through a PWM control section.

No. of Pages: 25 No. of Claims: 7

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM FOR ANALYZING AND/OR ESTIMATING STATE OF BANKNOTE PROCESSING APPARATUS

(86) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication Number Filing Date (80) International Publication Number Filing Date (80) International Publication Number Filing Date (81) JANG SANG HWAN (82) CHAE SANG SHIK (83) KO INSOO (84) INSOO (85) International Publication Number Filing Date (86) International Application No (87) International Publication Number Filing Date (87) International Publication Number Filing Date (88) International Application No (89) International Publication No (80) International Publication No (81) International Publication No (81) International Publication No (81) International Publication No (82) International Publication No (83) International Publication No (84) International Publication No (85) International Publication No (86) International Publication No (87) International Publication Number Filing Date (87) International Publication Number Filing Date (88) International Publication Number Filing Date (89) International Publication Number Filing Date (89) International Publication Number Filing Date (80) International Publication Number Filing Date (80) International Publication Number Filing Date (81) International Publication Number Filing Date	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:10-2013- 0107148 :06/09/2013 :Republic of Korea :NA :NA : NA : NA	1 '
--	---	--	-----

(57) Abstract:

There are provided a system and a method for analyzing and/or estimating a state of a banknote processing apparatus. The system includes an information detector configured to detect use information of the banknote processing apparatus in real time, a state estimating apparatus configured to produce (i) statistical information based on the detected use information of the banknote processing apparatus and (ii) state estimation information on a state of the banknote processing apparatus and an operating environment of the banknote processing apparatus using the statistical information, and database configured to store one or more of the use information of the banknote processing apparatus, the statistical information produced based on the use information, and the state estimation information produced based on the statistical information.

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

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

(54) Title of the invention: TEMPERATURE MEASUREMENT METHOD AND TEMPERATURE 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 	:2012091994 :13/04/2012 :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)OSHIGE Takahiko
--	--------------------------------------	---

(57) Abstract:

A regression equation generation unit (3) performs base decomposition on spectral information for calibration curve preparation determined by the temperature value of an object being measured which is measured by using a contact type thermometer calculates a base score a(k j) and calculates a multiple regression coefficient (c(k) k=1 2) from the score a(k j) and the temperature of the temperature indicator value of the contact type thermometer (30) corresponding to the spectral information for calibration curve preparation. A temperature estimation unit (4) calculates the score a(k j) based on the spectral information of the object being measured and the base calculated by the regression equation generation unit (3) and estimates the temperature of the object being measured based on the calculated score a(k j) and the multiple regression coefficient (c(k) k=1 2). In this manner the temperature of the object being measured can be precisely measured without having to calculate a combined solution for emissivity and without any effect from fluctuations in emissivity.

No. of Pages: 60 No. of Claims: 8

(21) Application No.2094/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : ANNULAR COMPONENT OF A LOADING DOOR FOR HOUSEHOLD LAUNDRY TREATMENT APPLIANCES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:D06F39/14,D06F37/28 :10 2012 206 491.5 :19/04/2012 :Germany :PCT/EP2013/057481	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany (72)Name of Inventor:
Filing Date	:10/04/2013	1)GEYER Johannes
(87) International Publication No	:WO 2013/156366	2)KRAGENINGS Fabian
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an annular component (1) of a loading door for a household laundry treatment appliance comprising a circumferential outer (3) and/or inner lateral surface (4). In order to achieve a visual enhancement and flexible adaptation to changing customer demands at low expense a flexible circumferential material web (5) having a decor surface (7) is joined to at least one of the lateral surfaces (3 4).

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

(21) Application No.2095/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :06/10/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : REAGENT RECEPTACLE FOR USE IN BIOLOGICAL SAMPLE ANALYSIS DEVICE AND METHOD FOR MANUFACTURING REAGENT RECEPTACLE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B65D5/40,G01N35/02 :2012059168 :15/03/2012 :Japan	(71)Name of Applicant: 1)SYSMEX CORPORATION Address of Applicant: 5 1 Wakinohama Kaigandori 1 chome Chuo ku Kobe shi Hyogo 6510073 Japan
(86) International Application No Filing Date	:PCT/JP2013/055201 :27/02/2013	(72)Name of Inventor: 1)HASEGAWA Fuminari
(87) International Publication No	:WO 2013/136987	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

Filing Date

To provide a reagent receptacle for use in a biological sample analysis device which has high impact resistance in comparison with the prior art and a method for manufacturing said reagent receptacle. A reagent receptacle for use in a biological sample analysis device is formed from a sheet member made from paper and comprises a bottom face and a side wall face connecting with the bottom face. One edge side of a square cylinder shaped cylinder body formed from the sheet member is folded and the overlapped faces are adhered to form the bottom face and in a specified region including the apex of the bottom face the overlapped faces are not adhered.

:NA

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

(21) Application No.2096/KOLNP/2014 A

(19) INDIA

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

(54) Title of the invention: POLYPEPTIDES AND THEIR USE

(51) International :A61P17/00,A61P17/08,A61P17/10 classification

(31) Priority Document No :1204457.4 (32) Priority Date :14/03/2012 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2013/000112

:14/03/2013 Filing Date

(87) International Publication :WO 2013/136040

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)NOVABIOTICS LIMITED

Address of Applicant: The Cruickshank Building Craibstone

Aberdeen AB21 9TR U.K. (72) Name of Inventor: 1)ONEIL Deborah 2)MERCER Derry

3)STEWART Colin

(57) Abstract:

The present invention relates to a polypeptide or a product comprising said polypeptide for use in the treatment and/or prevention of a fungal infection caused by Malassezia spp. and/or a Malassezia spp associated condition wherein the polypeptide comprises a sequence of about 25 to 200 amino acids wherein substantially all of the amino acids in said sequence are lysine; pharmaceutical compositions comprising said polypeptide or product and uses thereof.

No. of Pages: 38 No. of Claims: 41

(21) Application No.989/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :25/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR MANUFACTURING CONTAINER PARTS FOR ENCLOSED SWITCHGEAR AND ENCLOSED SWITCHGEAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:F01K3/00, :102013220179.6 :07/10/2013 :Germany :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: WITTELSBACHERPLATZ 2, 80333 MÜNCHEN, GERMANY (72)Name of Inventor: 1)STEFAN KERN
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)JÖRG MIETHE
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method for manufacturing container parts for enclosed switchgear and enclosed switchgear A method for manufacturing container parts (6, 20, 21) for enclosed switchgear is proposed which, with the pressure resistance of the container parts remaining practically the same, is cost effective, and comprises the following steps: - Embodying a cylindrical tube (2, 12) by rolling up a sheet of metal (1, 7) and welding along an abutting edge (3, 13) of the rolled-up sheet of metal (1, 7), - Turning out flanges (5, 16, 17) on at least one end (4) of the cylindrical tube (2, 12). Enclosed switchgear is also proposed.

No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :22/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: PRODUCTION PROCESS FOR PREPARING CYCLOHEXANOL AND CYCLOHEXANONE BY CYCLOHEXANE OXIDATION

(51) International :C07C27/04,C07C49/403,C07C45/53 classification

:NA

(31) Priority Document No :201210091366.5

:31/03/2012 (32) Priority Date

(33) Name of priority :China

country

(86) International :PCT/CN2012/075632 Application No

:17/05/2012 Filing Date

(87) International

:WO 2013/143211 Publication No

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

(71)Name of Applicant:

1)XIAO Zaosheng

Address of Applicant: Room1302 22 Buildinghanlinyuan

industrial park Suzhou Jiangsu 215123 China

(72)Name of Inventor:

1)XIAO Zaosheng

(57) Abstract:

Filing Date

A production process for preparing cyclohexanol and cyclohexanone by cyclohexane oxidation. First uncatalyzed oxidation is performed on cyclohexane by using molecular oxygen and an oxidized mixture with cyclohexyl hydrogen peroxide serving as a primary product is generated; then the cyclohexyl hydrogen peroxide is decomposed to produce cyclohexanol and cyclohexanone; and then rectification is performed to obtain a cyclohexanol product and a cyclohexanone product. The cyclohexyl hydrogen peroxide is decomposed by a three step decomposition process combining a homogeneous catalytic decomposition process of chromic acid tert butyl ester with a heterogeneous catalytic decomposition process of sodium hydroxide alkaline aqueous solution comprising: a first step: performing the homogeneous catalytic decomposition by using the chromic acid tert butyl ester as a catalyst; a second step: performing the heterogeneous catalytic decomposition of the sodium hydroxide alkaline aqueous solution under low alkalinity; and a third step: performing the heterogeneous catalytic decomposition of the sodium hydroxide alkaline aqueous solution under high alkalinity. The production process is characterized by a high total yield a long continuous production cycle a low consumption and a low production cost.

No. of Pages: 19 No. of Claims: 10

(21) Application No.952/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :17/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : PERMANENT MAGNET ROTARY ELECTRICAL MACHINE AND WIND-POWER GENERATION SYSTEM

(51) International classification	:H02K3/48	(71)Name of Applicant:
(31) Priority Document No	:2013- 195039	1)KABUSHIKI KAISHA TOSHIBA, Address of Applicant :1-1, SHIBAURA 1-CHOME,
(32) Priority Date		MINATO-KU, TOKYO 105-8001 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MASANORI ARATA
Filing Date	:NA	2)TAKASHI UEDA
(87) International Publication No	: NA	3)TAKAAKI HIROSE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The permanent magnet rotary electrical machine according to an embodiment includes a rotor core and a stator core. The rotor core is attached to a rotation shaft, and has permanent magnets. The stator core is disposed to face the rotor core in a radial direction of the rotation shaft, and has slots and coils. The slots are provided with coils. Here, the coils are wound in a concentrated winding. Besides, the number of slots per pole and phase q is a fraction satisfying the following relational expression (A). 1/4 < q < 1/2 ...(A)

No. of Pages: 24 No. of Claims: 5

(21) Application No.2073/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PARALLEL SCHEDULING IN A CELLULAR COMMUNICATIONS 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 	:H04W72/04 :NA :NA :NA :PCT/IB2012/051254 :15/03/2012 :WO 2013/136135 :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)SUN Ying 2)SHEEHY Patrick 3)TJÄRNLUND Stefan
. ,	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Mechanisms for scheduling uplink transmissions for a plurality of user equipment devices UEs that are serviced by a network node having a wireless coverage area comprising a plurality of sectors is disclosed. A plurality of schedulers is initiated in parallel each scheduler corresponding to a different sector of the plurality of sectors. Each scheduler schedules in parallel at least some UEs that are associated with the corresponding different sector.

No. of Pages: 49 No. of Claims: 25

(21) Application No.486/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :24/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELECTRICITY PRODUCED BY DOMESTIC ANIMALS

(51) I	C02F0/1.4	(71)NI 6 A P
(51) International classification	:C02F9/14	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMIT KUMAR BAYEN
(32) Priority Date	:NA	Address of Applicant :C/O JOYDEB BAYEN VILLAGE &
(33) Name of priority country	:NA	P.O: DAKSHIN BIJOYNAGAR, P.S:JOYNAGAR, DIST:
(86) International Application No	:NA	SOUTH 24 PARGANAS, WEST BENGAL, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AMIT KUMAR BAYEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An arrangement for producing electricity which comprises; a) A dynamo; b) Saw tooth wheel; c) Computer controlled robot

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

(21) Application No.1800/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: A PROCESS FOR REFINING GLYCERIDE OIL AND PURIFIED TRIGLYCERIDE OIL OBTAINED BY SUCH PROCESS

(51) International classification :A23D9/04,B01D15/34,C11B3/10 (71) Name of Applicant : (31) Priority Document No :PI 2012000467

(32) Priority Date :02/02/2012 (33) Name of priority country :Malaysia

(86) International Application :PCT/MY2012/000240

:28/08/2012 Filing Date

(87) International Publication :WO 2013/115634

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

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

1)SIME DARBY MALAYSIA BERHAD

Address of Applicant: 19th Floor Wisma Sime Darby Jalan

Raja Laut 50350 Kuala Lumpur Malaysia

(72)Name of Inventor:

1)BIN MD. NOOR Ahmadilfitri 2)YUSOFF Mohd. Suria Affandi

3)HASHIM Khairudin

(57) Abstract:

The present invention relates to a process for refining glyceride oil by size exclusion chromatography to obtain a triglyceride enriched fraction. The process comprises passing a glyceride oil through a size exclusion column packed with porous particles having a mass weighted mean particle size of 20 to 1 000 µm and an average pore size of 10 to 150A without using any solvent and collecting an eluate fraction enriched in triglyceride. The process may further comprise passing a solvent through the size exclusion column after the eluate fraction enriched in triglyceride is collected to obtain a partial glyceride enriched fraction. The process can suitably be used to produce triglyceride enriched fraction having a triglyceride content that is close to 100%.

No. of Pages: 22 No. of Claims: 18

(21) Application No.1917/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: HIGH FLOW THERMOPLASTIC POLYOLEFIN WITH BALANCED MECHANICAL PERFORMANCE AND LOW SHRINKAGE AND CLTE

(51) International :C08L23/10,C08L23/12,C08L23/08 classification

(31) Priority Document No :12163287.1

(32) Priority Date :05/04/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/056997 No

:03/04/2013 Filing Date

(87) International Publication

:WO 2013/150057

(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)BOREALIS AG

Address of Applicant :IZD Tower Wagramerstraße 17 19 A

1220 Vienna Austria (72) Name of Inventor: 1)ECKMAYR Renate

2) GRESTENBERGER Georg

3)POTTER Gregory

(57) Abstract:

This invention relates to a thermoplastic polyolefin composition having a melt flow rate MFR2 (230 °C) between 20 and 100 g/10 min to the use of such thermoplastic polyolefin composition for the production of injection moulded articles e.g. automotive parts and to injection moulded articles prepared by using such thermoplastic polyolefin composition.

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

(21) Application No.2024/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: IRON REDUCTION PROCESS AND EQUIPMENT

(51) International classification :C22B5/18,C22B4/00,C22B5/00 (71)Name of Applicant :

(31) Priority Document No :12502159 (32) Priority Date :08/03/2012

(33) Name of priority country :Sweden

(86) International Application No: PCT/SE2013/050103 Filing Date :07/02/2013

(87) International Publication No: WO 2013/133748

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

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

1)VALEAS RECYCLING AB

Address of Applicant :Box 41 S 813 21 Hofors Sweden

(72)Name of Inventor: 1)SANTÉN Sven 2) IMRIS Matej

(57) Abstract:

2An iron production furnace equipment (1) has a melting reactor (2) into which iron oxide containing raw material (4) and slag formers (5) are added. A melter arrangement (22) melts the iron oxide containing raw material and transforms the melted raw material into liquid slag (6) A smelting reduction reactor (3) is connected to the melting reactor by a slag transfer arrangement (10). The smelting reduction reactor comprises a heater arrangement (30) for heating the slag. Means (32) for supplying a reductant (7) for reducing the iron oxide in the slag into a liquid iron melt (8) and for producing a combustible gas mixture (11) comprising at least one of CO and H2. A gas connection (12) is connected between the smelting reduction reactor and the melter arrangement. The melter arrangement in turn comprises a combuster (28) combusting the gas mixture. The combustion heat is used for purpose of melting.

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

(22) Date of filing of Application :23/09/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : CRYSTALLINE FORMS OF 1-(3-TERT-BUTYL-1-P-TOLYL-1H-PYRAZOL -5 -YL)- 3 -(5-FLUORO-2 -(1- (2 - HYDROXYETHYL) - INDAZOL -5 -YLOXY) BENZYL) UREA HYDROCHLORIDE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D231/56 :61/605,572 :01/03/2012 :U.S.A. :PCT/US2013/027979 :27/02/2013 :WO 2013/130573 :NA :NA :NA	(71)Name of Applicant: 1)ARRAY BIOPHARMA INC. Address of Applicant: 3200 Walnut Street, Boulder, Colorado 80301 United States of America (72)Name of Inventor: 1)ARRIGO, Alisha B. 2)CORSON, Donald T. 3)MANNILA, Coralee G.
--	---	---

(57) Abstract:

Provided herein is a hydrogen chloride salt of 1 -(3-/tr/-butyl-lp-tolyl-lH-pyrazol-5- yl)-3-(5-fluoro-2-(l-(2-hydroxyethyl)-l H-indazol-5-yloxy)benzyl)urea, crystalline forms of l-(3-½butyl- l -tolyl-lH-pyrazol-5-yl)-3-(5-fluoro-2-(l-(2-hydroxyethyl)-lH-indazol-5-yloxy)benzyl)urea hydrochloride, processes for the preparation of said crystalline forms, pharmaceutical compositions containing a crystalline form of l-(3-r

No. of Pages: 113 No. of Claims: 115

(22) Date of filing of Application :24/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR TRANSMITTING CONTROL CHANNEL RESOURCE USER EQUIPMENT AND BASE STATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W72/04 :201210071085.3 :16/03/2012 :China :PCT/CN2012/083970 :02/11/2012 :WO 2013/135060 :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)XIA Liang 2)ZHOU Mingyu 3)GAO Chi 4)TANG Zhenfei
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) A1	·	·

(57) Abstract:

Embodiments of the present invention provide a method for transmitting a control channel resource a user equipment and a base station and relate to the field of communications. An antenna port can be determined according to a corresponding parameter so as to ensure that a user equipment correctly demodulates and receives a control channel or a control channel element sent by a base station. The method for transmitting a control channel resource comprises: a user equipment obtaining a configuration parameter in a candidate control channel set according to a preset protocol and/or upper layer signaling sent by a base station the upper layer signaling being used to notify the configuration parameter; determining an antenna port according to the obtained configuration parameter; receiving through the antenna port a control channel or a control channel element sent by the base station; the base station determining an antenna port according to a configuration parameter as the same as that of the user equipment and sending the control channel or the control channel element to the user equipment through the antenna port. The embodiments of the present invention are used to transmit a control channel resource.

No. of Pages: 72 No. of Claims: 56

(22) Date of filing of Application :24/09/2014 (43) Publication Date : 30/10/2015

:NA

(54) Title of the invention: GENERALIZATION OF QUALITY CLASS INDICES IN A WIRELESS NETWORK

:H04L12/927,H04L12/14 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) :61/610230 (32) Priority Date :13/03/2012 Address of Applicant: S 164 83 Stockholm Sweden (33) Name of priority country :U.S.A. (72)Name of Inventor: (86) International Application No 1)BACKMAN Jan :PCT/EP2013/055121 Filing Date :13/03/2013 (87) International Publication No :WO 2013/135762 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A PCEF (400) for a cellular system arranged (405 410) to receive data packets from at least one other node via a certain Radio Access Technology RAT the PCEF (400) also being arranged to communicate with a PCRF via a PCC interface. The PCEF (400) is further arranged (425 430) to set up Service Data flows SDFs which SDFs are defined for the PCEF (400) by the PCRF over the PCC interface and which comprise filters for received data packets. Said filters define a Quality Class Index a QCI for each received data packet and the PCEF (400) is arranged (415 420) to interpret QCIs for received data packets up to and including a predefined value in a first predefined manner for all RATs and to interpret (415 420) QCIs over said predefined value in a second predefined manner.

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

(21) Application No.2046/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: PAIRING A MOBILE TERMINAL WITH A WIRELESS DEVICE

(51) International :H04M1/725,H04W4/04,H04W8/00 classification

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

(33) Name of priority country: NA

(86) International Application :PCT/SE2012/050393

:12/04/2012 Filing Date

(87) International Publication :WO 2013/154476

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

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

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

Address of Applicant :SE 164 83 Stockholm Sweden

(72)Name of Inventor: 1)JAMAL SYED Shaheer

2)VAHLNE Daniel

(57) Abstract:

The invention relates to a mobile terminal comprising a camera for capturing a first image(310) a radio transceiver for discovering wireless devices and determining a position of the discovered wireless devices with respect to the mobile terminal processing means for projecting the position of each discovered wireless device onto the first image and creating a second image (320) by overlaying symbols (322 325) at the projected positions and a display for displaying the second image the mobile terminal being arranged for pairing in response to a request from a user of the mobile terminal selecting one of the overlaid symbols the corresponding wireless device with the mobile terminal. Using an augmented reality approach is advantageous since pairing of wireless devices with a mobile terminal may be improved. The invention relates also to a method of pairing a mobile terminal with a wireless device a computer program and a computer program product.

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

(21) Application No.1787/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: COOLING DEVICE FOR A ROTOR OF AN ELECTRIC MACHINE

(51) International classification :H02K1/32,H02K9/20,H02K9/22 | (71) Name of Applicant:

(31) Priority Document No :10 2012 203 691.1 (32) Priority Date :08/03/2012

(33) Name of priority country :Germany

(86) International Application :PCT/EP2013/054195

No :01/03/2013 Filing Date

(87) International Publication No:WO 2013/131825

(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)WÖHNER Norbert

(57) Abstract:

The invention relates to an electric machine (12) comprising a stator (16) a rotor (18) a shaft (20) which is mechanically connected to the rotor (18) and a cooling device (26) which is arranged in the shaft (20). The shaft (20) has a recess (22) in which the cooling device (26) is arranged said shaft (20) being designed so as to be rotatable relative to the cooling device (26).

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

(22) Date of filing of Application :25/08/2014 (43) Publication Date: 30/10/2015

(21) Application No.1788/KOLNP/2014 A

(54) Title of the invention: CUTTING INSERT CHIP CONTROL 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 	:B23B27/14 :13/448793 :17/04/2012 :U.S.A. :PCT/IL2013/050267 :20/03/2013 :WO 2013/156992 :NA :NA	(71)Name of Applicant: 1)ISCAR LTD. Address of Applicant: P.O. Box 11 24959 Tefen Israel (72)Name of Inventor: 1)COHEN Benjamyn
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

A cutting insert has a chip control arrangement. The cutting insert includes opposing top and bottom ends and first and second side surfaces that extend therebetween and meet at a cutting corner having a bisector. The chip control arrangement includes an elongated surface extending in an upward direction from the top end face and also extending longitudinally to opposing sides of the bisector. The elongated surface includes a first and second extremity. The first extremity is closer to the first side surface than to the bisector and the second extremity is closer to the second side surface than to the bisector.

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

(21) Application No.1789/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: BASE FABRIC FOR AIRBAG

(51) International :D06M15/643,B60R21/235,D06M13/507 classification

(31) Priority Document :2012053185

(32) Priority Date :09/03/2012

(33) Name of priority country

:Japan

(86) International

:PCT/JP2013/056331 Application No :07/03/2013

Filing Date

(87) International :WO 2013/133382 Publication No

:NA

(61) Patent of Addition to Application Number

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

(71)Name of Applicant:

1) ASAHI KASEI FIBERS CORPORATION

Address of Applicant: 3 23 Nakanoshima 3 chome Kita ku

Osaka shi Osaka 5308205 Japan

(72)Name of Inventor: 1)ENOKI Masato

2) ISE Fumiaki

(57) Abstract:

2The purpose of the present invention is to provide a base fabric for airbags with excellent deployment speed internal pressure retention and workability and an airbag using the same. The inventive base fabric for airbags has resin arranged in at least one surface of the cloth which comprises synthetic fibres and is characterized in that the amount of resin adhered is from 10 to 50 g/m² and further the weaving thread single yarn is exposed on the resin surface and the weaving thread single yarn exposure rate is from 1 to 25%.

No. of Pages: 44 No. of Claims: 13

(22) Date of filing of Application :05/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: ELECTRIC WALL FEEDTHROUGH FOR SOLAR INSTALLATIONS

(51) International :H01R13/506,H01R13/74,H01R4/48 classification

(31) Priority Document No :10 2012 005 043.7 (32) Priority Date :15/03/2012

(33) Name of priority country: Germany (86) International

:PCT/EP2013/055003 Application No

:12/03/2013 Filing Date

(87) International Publication :WO 2013/135698

(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)PHOENIX CONTACT GMBH & CO.KG

Address of Applicant :Flachsmarktstrasse 8 28 32825

Blomberg Germany (72)Name of Inventor: 1)SAGDIC Mehmet

(57) Abstract:

The invention relates to a wall feedthrough (12) which is pluggable on one side for connecting a voltage conductor (135) of a solar generator to a terminal housing comprising: a two part connector housing (102 202) with a front housing part (104 204) and an insert part (106) which can be moved together with an electric terminal element (114 214) as one unit relative to the front housing part. The terminal element is pluggable on one side (118 218) and has a spring clamp (120 220) on the other side. The spring clamp is surrounded by a body casing (110 210) of the front housing part in the closed state and the clamping device (120 220) is pulled out of the body casing (110 210) in the open state so as to be openable and closable. For this purpose the insert part has an exposed handle portion (150) for the user.

No. of Pages: 41 No. of Claims: 17

(22) Date of filing of Application :25/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ELECTRICAL MACHINE HAVING A ROTOR FOR COOLING THE ELECTRICAL MACHINE

(32) Priority Date :08/03/2012 A (33) Name of priority country :Germany Germ (86) International Application No :PCT/EP2013/054492 (72)I Filing Date :06/03/2013 1)I (87) International Publication No :WO 2013/131949 2)I	1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 München ermany 72)Name of Inventor: 1)BÜTTNER Klaus 2)KIRCHNER Klaus 3)WARMUTH Matthias
---	---

(57) Abstract:

The invention relates to an electrical machine (1 51) in particular an asynchronous machine comprising a stator (2) a rotor (4) which is rotatably mounted about a rotation axis (3) and magnetically interacts with the stator (2) during operation of the electrical machine (1 51) a shaft (5) on which the rotor (4) is fixed and which has an axial hole (6) and an inflow element (7 47) which extends into the axial hole (6) such that a coolant (15) in particular a cooling liquid (15) can flow into the axial hole (6) from the inflow element (7 47). The invention also relates to a cooling system (50) comprising an electrical machine (1 51) and a coolant circuit (55) for transporting the coolant (15) in particular the cooling liquid (15) through the axial hole (6) and to a vehicle (61) comprising a cooling system (50).

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

(21) Application No.2029/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :23/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ANTI SEZ6 ANTIBODIES AND METHODS OF USE

(71) T	COTIV1 6 /00	(711) BY CA 10 4
(51) International classification	:C07K16/28	(71)Name of Applicant:
(31) Priority Document No	:61/603,203	1)STEM CENTRX,INC.
(32) Priority Date	:24/02/2012	Address of Applicant :450 East Jamie Court, South San
(33) Name of priority country	:U.S.A.	Francisco, CA 94080 United States of America
(86) International Application No	:PCT/US2013/027476	(72)Name of Inventor:
Filing Date	:22/02/2013	1)SAUNDERS,Laura
(87) International Publication No	:WO 2013/126810	2)DYLLA,Scott,J.
(61) Patent of Addition to Application	:NA	3)FOORD,Orit
Number		4)STULL,Robert,A.
Filing Date	:NA	5)TORGOV,Michael
(62) Divisional to Application Number	:NA	6)SHAO,Hui
Filing Date	:NA	7)LIU,David

(57) Abstract:

Novel modulators, including antibodies and derivatives thereof, and methods of using such modulators to treat proliferative disorders are provided.

No. of Pages: 258 No. of Claims: 20

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SULPHONATED GRAPHENE FILLED POLYPYRROLE AS SUPERCAPACITOR ELECTRODE

:C01B31/04	(71)Name of Applicant :
:NA	1)CHANDRAMIKA BORA
:NA	Address of Applicant :DEPT. OF CHEMICAL SCIENCES,
:NA	TEZPUR UNIVERSITY, NAPAAM, TEZPUR-784028 Assam
:NA	India
:NA	2)SWAPAN KUMAR DOLUI
: NA	(72)Name of Inventor:
:NA	1)CHANDRAMIKA BORA
:NA	2)SWAPAN KUMAR DOLUI
:NA	
:NA	
	:NA :NA :NA :NA :NA : NA :NA :NA

(57) Abstract:

The aim of the present invention is to provide a positive electrode for material for supercapaitor using sulfonated graphene (SG) and polypyrrole (PPy) nanocomposite synthesized by liquid/liquid interfacial polymerization. The structure and morphology of the composite are characterized by Fourier transform infrared spectrometer (FTIR), X-ray diffraction (XRD), Raman spectroscopy, and transmission electron microscope (TEM). The composites showed noticeable improvements in electrical conductivity and excellent electrochemical reversibility. The supercapacitor is fabricated by dispersing PPy/SG composite in nation solution and coated on a stainless steel net. The composite showed higher specific capacitance and cycling stability than those of pure polypyrrole. A specific capacitance of 360 F g-1 is obtained for the composite at a current density of 0.1 A g-1. This simple method is suitable for developing a wide range of SG based composite materials for applications in electrochemical energy storage device.

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

(22) Date of filing of Application :09/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PREPARATION OF POLYMERIC RESINS AND CARBON MATERIALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:61/597,118 :09/02/2012 :U.S.A. o:PCT/US2013/025421	(71)Name of Applicant: 1)GEORGIA-PACIFIC CHEMICALS LLC Address of Applicant:133 Peachtree Street NE, Atlanta, Georgia 30303 UNITED STATES OF AMERICA U.S.A. 2)ENERG2 TECHNOLOGIES, INC. (72)Name of Inventor: 1)LUDVIK, Joseph, F. 2)DONG, Xing
	:PCT/US2013/025421 :08/02/2013	
		12)THOMPKINS, Leah, A. 13)CHANG, Alan, Tzu-Yang

(57) Abstract:

The present application is directed to methods for preparation of polymer particles in gel form and carbon materials made therefrom. The carbon materials can have enhanced electrochemical properties and find utility in any number of electrical devices, for example, as electrode material in ultracapacitors or batteries.

No. of Pages: 191 No. of Claims: 38

(22) Date of filing of Application :28/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : NOVEL DESIGN AND DEVELOPMENT OF SEISMIC RESISTANT LUGS (SRLs) ASSEMBLY TO ABSORB SEISMIC FORCES EXPERIENCED BY THE SUSPENDED SURFACE CONDENSER WELDED TO THE LP TURBINE EXHAUST

(51) International classification(31) Priority Document No(32) Priority Date	:G01V 1/00 :NA :NA	(71)Name of Applicant: 1)BHARAT HEAVY ELECTRICALS LIMITED Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(33) Name of priority country	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(86) International Application No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
Filing Date	:NA	FORT, NEW DELHI - 110049, West Bengal India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SANDEEP SAXENA
Filing Date	:NA	2)LALIT ASNANI
(62) Divisional to Application Number	:NA	3)MD WAHAB RAFIQUE
Filing Date	:NA	

(57) Abstract:

The invention relates to development of seismic resistant lug assembly (SRLs) which absorb seismic forces experienced by the suspended surface condenser welded to the LP turbine exhaust. The seismic resistant lugs assembly, which are fixed to the bottom face of bottom plate of condenser through reinforcing pad consists of lug welded on to the I-Beam on either side having end plate and specially designed lubricated pads that interfaces the embedment plate fixed on to the concrete thus absorbing the horizontal seismic load in all direction.

No. of Pages: 12 No. of Claims: 6

(21) Application No.1925/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : ARRANGEMENT AND METHOD FOR PRODUCING A FLOW IN A WASTEWATER TREATMENT TANK

(57) Abstract:

The invention relates to an arrangement for producing a flow in a wastewater treatment tank (1) comprising a substantially horizontal bottom (B) and a horizontal mixer (2 3 4) which is provided in the wastewater treatment tank (1) and which has a propeller (4) driven by means of a propeller shaft (3). According to the invention in order to save energy to produce flows the axis (A) of the propeller shaft (3) is tilted relative to the bottom (B) by an angle a of 1 to 10° in such a way that a flow directed toward a surface (0) of the wastewater (W) can be produced by the horizontal mixer (2 3 4).

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

(21) Application No.1928/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEM AND METHODS FOR DIFFERENTIATED ASSOCIATION SERVICE PROVISIONING IN WIFI NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/865 :61/605520 :01/03/2012 :U.S.A. :PCT/CN2013/072057 :01/03/2013 :WO 2013/127360 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)CAI Lin 2)CALCEV George 3)CHEN Bin 4)KRZYMIEN Lukasz
--	--	---

(57) Abstract:

A system and methods are provided to enable differentiated association of stations (STAs) in a WiFi system and provide differentiated quality of service (QoS) based association. The embodiments include categorizing STAs that share a channel of the WiFi network into different association priority classes wherein the STAs with higher association priority classes wait for shorter times before starting association with an access point (AP) over the shared channel. The association priority classes are assigned by the AP or the WiFi network and signaled to the STAs. Alternatively the association priority classes are assigned by the STAs and indicated to the AP or the WiFi network. The association priority class is determined for a STA according to traffic type device type subscriber type or a random number generator.

No. of Pages: 22 No. of Claims: 26

(21) Application No.2037/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR TREATING AN EXTRACTED TOBACCO PULP AND TOBACCO PRODUCTS MADE THEREFROM

:A24B13/00,A24B15/24 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)R. J. REYNOLDS TOBACCO COMPANY :13/423519 (32) Priority Date Address of Applicant: 401 North Main Street Winston Salem :19/03/2012 (33) Name of priority country North Carolina 27101 3804 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/032947 Filing Date :19/03/2013 1)BYRD Crystal Dawn Hege (87) International Publication No :WO 2013/142483 2)PU Yan (61) Patent of Addition to Application 3) GERARDI Anthony Richard :NA Number 4) RHOADES JR. Charles Bradford :NA

Filing Date

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

(57) Abstract:

The invention provides a method of producing a tobacco composition for use in a tobacco product the method including treating a tobacco pulp with supercritical carbon dioxide. The treated tobacco pulp may exhibit a benzo[a]pyrene concentration lower than the initial benzo[a]pyrene concentration and/or a TSNA concentration lower than the initial TSNA concentration. The treated pulp can be introduced into tobacco products including smoking articles smokeless tobacco products and aerosol generating devices configured for non combustion of plant materials.

No. of Pages: 32 No. of Claims: 31

(22) Date of filing of Application :08/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: PRODUCTION METHOD FOR A MAST ARM AND CONCRETE DISTRIBUTING MAST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E04G21/04 :10 2012 206 093.6 :13/04/2012 :Germany :PCT/EP2013/055744 :19/03/2013 :WO 2013/152932 :NA :NA	(71)Name of Applicant: 1)PUTZMEISTER ENGINEERING GMBH Address of Applicant: Max Eyth Strasse 10 72631 Aichtal Germany (72)Name of Inventor: 1)HASEL Peter 2)BAß Eric 3)RIEBENSTAHL Roman 4)RUPPEL Jochen 5)WESTERMANN Karl
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method for producing a mast arm (38) with a mast arm body (39) and with at least one pipe holder (52) for a concrete distributing mast for use on stationary and mobile concrete pumps with a plurality of mast arms which are connected to one another so as to be pivotable on articulated joints about an axis of articulation and which hold a concrete conveying line which has at least one rotary joint which has an axis of rotation aligned with an axis of articulation of an articulated joint. The at least one pipe holder (52) here has a pipe support section (54') which serves for receiving the concrete conveying line (46) at a holding point (60) which has a location predetermined by the position of the axis of articulation. According to the invention the mast arm body (39) is premanufactured with a receiving intersection (68) and the at least one pipe holder (52) is premanufactured with a fastening section (62) which has a connecting intersection (64). The receiving intersection (68) is produced with at least three position reference points which define a plane are independent of manufacturing tolerances of the mast arm body (39) and are predetermined by the position of the axis of articulation and the connecting intersection (64) is formed with at least three position reference points (80 82 84) which define a plane and predetermine the position of the pipe support section (54') in such a manner that by connection of the pipe holder (52) by the connecting intersection (62) thereof to the receiving intersection (68) of the mast arm body (39) the concrete conveying line (46) can be received by the pipe support section (54') in such a manner that the holding point (60) is located at the location predetermined by the position of the axis of articulation.

No. of Pages: 24 No. of Claims: 14

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: MANAGING SEQUENCE VALUES WITH ADDED HEADERS IN COMPUTING DEVICES

(51) International classification	:H04L 29/00	(71)Name of Applicant: 1)CISCO TECHNOLOGY, INC.
(31) Priority Document No	:NA	Address of Applicant: 170 WEST TASMAN DRIVE, SAN
(32) Priority Date	:NA	JOSE, CA 95134 UNITED STATES OF AMERICA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GANESH CHENNIMALAI SANKARAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		

(57) Abstract:

In one embodiment, the disclosure provides a data processing method comprising receiving, from a client computer, a first handshake message segment comprising a first client sequence value; sending to a server computer a second handshake message segment comprising a second client sequence value equal to the first client sequence value less an added data length value; receiving a third handshake message segment from the client computer and sending a fourth handshake message segment to the server computer and determining that connections to the client computer and the server computer have reached established states; receiving from the client computer a first data segment comprising a first data length value; forming a second data segment that comprises: payload data from the first data segment; added data that is equal in size to the added data length value; and a second data length value equal to a sum of the first data length value and the added data length value; sending the second data segment to the server computer; wherein the method is performed using one or more computing devices.

No. of Pages: 27 No. of Claims: 25

(22) Date of filing of Application :26/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : METHOD FOR PRODUCING ELECTRICALLY SEMICONDUCTIVE OR CONDUCTIVE LAYERS WITH IMPROVED CONDUCTIVITY

(51) International classification :H01L21/02,H01L21/368 (71)Name of Applicant : (31) Priority Document No 1)MERCK PATENT GMBH :10 2012 001 508.9 (32) Priority Date :27/01/2012 Address of Applicant: Frankfurter Strasse 250 64293 (33) Name of priority country :Germany Darmstadt Germany (86) International Application No :PCT/EP2013/000063 (72) Name of Inventor: Filing Date :10/01/2013 1)HAEMING Marc (87) International Publication No :WO 2013/110434 2)KLYSZCZ Andreas (61) Patent of Addition to Application 3)BONRAD Klaus :NA Number 4)KIRSCH Peer :NA Filing Date 5)ISSANIN Alexander (62) Divisional to Application Number :NA 6)WALKER Daniel Filing Date :NA

(57) Abstract:

The invention relates to a method for producing electrically semiconductive or conductive metal oxide layers with improved conductivity that are particularly suitable for the production of flexible thin film transistors to metal oxide layers produced therewith and to the use thereof for producing electronic components.

No. of Pages: 31 No. of Claims: 14

(21) Application No.1802/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: AZAHETEROCYCLIC COMPOUNDS

(51) International :C07D241/20,C07D401/12,C07D403/12 classification

(31) Priority Document :12000559.0

(32) Priority Date :28/01/2012

(33) Name of priority :EPO

country

(86) International

:PCT/EP2013/000050 Application No :10/01/2013

Filing Date

(87) International

:WO 2013/110433 Publication No

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

:NA Filing Date (62) Divisional to

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

(57) Abstract:

(71)Name of Applicant:

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt Germany

2) CANCER RESEARCH TECHNOLOGY LIMITED

(72)Name of Inventor: 1)SCHIEMANN Kai 2)STIEBER Frank

3)ESDAR Christina

The invention provides novel substituted azaheterocyclic compounds compounds according to Formula (I) their manufacture and use for the treatment of hyperproliferative diseases such as cancer inflammatory or degenerative diseases.

No. of Pages: 104 No. of Claims: 16

(21) Application No.1918/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :09/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SAFETY FEATURES FOR USE IN MEDICAL DEVICES

(51) International classification :A61N1/36,A61N1/05,A61N1/378 (71)Name of Applicant : (31) Priority Document No :61/608949 1)ENTEROMEDICS INC. (32) Priority Date :09/03/2012 Address of Applicant :2800 Patton Road St. Paul MN 55113 (33) Name of priority country U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/030188 No 1)ALMENDINGER AI :11/03/2013 Filing Date 2)SPAR Gregory Pat (87) International Publication 3)MAAS Randy :WO 2013/134763 4)WEIJAND Koen Jacob (61) Patent of Addition to 5)ELLSWORTH Steve :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A therapy system for applying an electrical signal to an internal anatomical feature of a patient includes an implantable component and an external component. The medical device can be checked for safety issues by periodically initiating a sequence of tests of an H bridge circuit and during each test monitoring a current flow through a sensing resistor electrically connected between a sensing connection of the H bridge circuit and a ground. Current flow through the sensing resistor indicates that both series electrical switches within at least one of the two pairs of series electrical switches are active during that test.

No. of Pages: 111 No. of Claims: 30

(22) Date of filing of Application :23/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: THE HANDLING OF DATA TRANSFERS IN A NETWORK WITH A RING TOPOLOGY

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date SNA Stockholm Sweden (72)Name of Inventor: 1)KAMPMANN Dirk 2)MEYER Christoph 3)WITZEL Andreas **NA* **NA	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/EP2012/053763 :05/03/2012 :WO 2013/131554 :NA :NA	1)KAMPMANN Dirk 2)MEYER Christoph
--	---	--	--------------------------------------

(57) Abstract:

The invention relates to a method for handling by a ring node (11 14) of a network having a ring topology a data transfer of data packets (70) through the network via which the data packets (70) are transmitted to their destination node wherein each ring node has two neighbouring ring nodes. The method comprises the steps of detecting data packets of an incoming data transfer received from a non ring node to be transmitted through the network to their destination node. Furthermore a ring direction (72 73) is added to the data packets of the incoming data transfer the indication(72 73) indicating in which direction the data packets (70) of the incoming data transfer are passed through the network having the ring topology. The data packets (70) of the incoming data transfer are forwarded to one of the two neighbouring ring nodes based on the added indication(72 73).

No. of Pages: 34 No. of Claims: 19

(21) Application No.914/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :05/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HAND GLOVE FOR USE WHILE FOOD HANDLING AND EATING

(51) International classification	:A41D19/00	(71)Name of Applicant :
(31) Priority Document No	:61/959,933	1)SELVA KUMAR RAMAKRISHNAN
(32) Priority Date	:06/09/2013	Address of Applicant :11511 HENLEY DR HOUSTON,
(33) Name of priority country	:U.S.A.	TEXAS-77064 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAMAKRISHNAN, SELVA 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 hand glove for use while food handling and eating, comprising a glove structure made from a natural material, wherein the glove structure comprises of a plurality of finger receivable portion for holding food while eating and a palm portion connecting a base of the plurality of finger receivable portion and accommodating a substantial area of palm of a glove wearing hand.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : APPARATUS AND METHODS FOR THE PREPARATION OF REACTION VESSELS WITH A 3D PRINTER

(51) International classification	:B01L3/00,B28B1/00,B29C67/00	(71)Name of Applicant:
(31) Priority Document No	:1202737.1	1)THE UNIVERSITY COURT OF THE UNIVERSITY OF
(32) Priority Date	:17/02/2012	GLASGOW
(33) Name of priority country	:U.K.	Address of Applicant :University Avenue Glasgow G12 8QQ
(86) International Application	:PCT/GB2013/050389	U.K.
No	:18/02/2013	(72)Name of Inventor:
Filing Date	.16/02/2013	1)CRONIN Leroy
(87) International Publication No	:WO 2013/121230	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are methods for preparing and using reaction vessels obtained or obtainable by 3D printin methods including a method for preparing a product compound the method comprising the steps of: (i) providing a reaction vessel that is obtained by a 3 D printing method wherein the reaction vessel has a reaction space; (ii) providing one or more reagents optionally together with a catalyst or a solvent for use in the synthesis of the product compound; and (iii) permitting the one or more reagents to react in the reaction space optionally in the presence of the catalyst and the solvent in the reaction vessel thereby to form the product compound.

No. of Pages: 96 No. of Claims: 33

(21) Application No.917/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :08/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: THERMAL FUSE DEVICE

(32) Priority Date :10/09/2013 (33) Name of priority country :Italy (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:Italy :NA :NA : NA :NA :NA	Address of Applicant :BAHNHOFSTRASSE 18, CH-3280 MURTEN SWITZERLAND (72)Name of Inventor :
---	--	--	--

(57) Abstract:

A thermal fuse device has an essentially annular frame made of electrically insulating material. First and second contact strips of electrically conductive material extend through opposite portions of the frame and have respective first ends extending inside the internal region of the frame, where they at least partially face each other, and respective second ends extending outside the frame for connection to an electrical or electronic circuit. The first end of the first contact strip is joined to the first end of the second contact strip by a quantity of heat-meltable material, in a condition where the first contact strip is resiliently pre-stressed so that, when the joint is broken, the first end of the first contact strip moves away from the first end of the second contact strip.

No. of Pages: 11 No. of Claims: 9

(21) Application No.2050/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: INTEGRATED SYSTEM OF INDEPENDENTLY VARIABLE MULTI WHEEL STEERING AND ROAD CONTACT GEOMETRY

(51) International :B60G3/02,B60G17/016,B60B33/00 classification

(31) Priority Document No :251/12

(32) Priority Date :27/02/2012 (33) Name of priority country: Switzerland

(86) International Application: PCT/EP2012/053805

No :06/03/2012

Filing Date

(87) International Publication :WO 2013/127471

(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)GANO John Victor

Address of Applicant: Chemin des Apraits 4 CH 1281 Russin

Switzerland

(72) Name of Inventor: 1)GANO John Victor

(57) Abstract:

Wheel assembly for vehicle comprising: a wheel (10) at least one lower suspension link (20) and an upper attachment joint (30) both being able to be attached to the vehicle the wheel (10) being able to rotate at 360° to steer the vehicle around a pivot line (90) positioned by said at least one lower suspension link (20) and said upper attachment joint (30) once attached to the vehicle a projection of the pivot line (90) onto a vertical projection plane comprising a vertical axis passing through a contact point between the wheel (10) and ground (100) defining a caster angle with said vertical axis the wheel assembly comprising: caster adjustment means (37) arranged to adjust the caster angle within a predetermined range whatever the orientation of the projection plane characterized in that the wheel assembly comprises: length adjustment means (40) arranged to adjust a distance between the upper attachment point (30) and the contact point between the wheel (10) and ground (100) in relation to the adjusted caster angle.

No. of Pages: 16 No. of Claims: 13

(21) Application No.2051/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A VACUUM AIR GAP MEMBRANE DISTILLATION SYSTEM FOR DESALINATION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:B01D61/36,B01D5/00,C02F1/44 :NA :NA :NA :PCT/SG2012/000115 :02/04/2012 :WO 2013/151498 :NA :NA	(71)Name of Applicant: 1)NGEE ANN POLYTECHNIC Address of Applicant: Technology Development Office BLK 7 #02 06 535 Clementi Road Singapore 599489 Singapore (72)Name of Inventor: 1)PRINCE James Antony 2)SINGH Gurdev 3)SHANMUGASUNDARAM Tiruvannamalai Subbarayan
Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a vacuum air gap membrane distillation system for desalination purposes. More particularly this invention relates to a membrane distillation system with multiple cells in which the system's flux is increased due to the temperature and pressure differential within the system. The configuration of the vacuum air gap membrane distillation system allows for latent heat within the system to be recycled effectively reducing the energy consumption of the system.

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

(21) Application No.2052/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: LOAD ACTUATED BAFFLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B62D29/00 :61/610289 :13/03/2012 :U.S.A. :PCT/US2013/030414 :12/03/2013 :WO 2013/138290 :NA :NA :NA	(71)Name of Applicant: 1)ZEPHYROS INC. Address of Applicant:160 McLean Drive Romeo MI 48065 U.S.A. (72)Name of Inventor: 1)SHANTZ Jeffery Thomas 2)MANGIAPANE Alexander Gabriel 3)RICHARDSON Henry E.
---	---	--

(57) Abstract:

A device for reinforcing baffling or sealing a vehicle structure that includes hinge structures for allowing the member to be moveable within a cavity and free of any spring effect during movement.

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

(21) Application No.2053/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: ROTATING BIOLOGICAL CONTACTOR APPARATUS & 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 	:01/03/2013 :WO 2013/130947	(71)Name of Applicant: 1)BIOMASS TECHNOLOGIES LLC Address of Applicant: 22482 Orchard Lake Road Farmington Michigan 48336 U.S.A. (72)Name of Inventor: 1)BAXI Indra R.
(86) International Application No	:PCT/US2013/028577	(72)Name of Inventor:
•		1)BAXI Indra R.
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wastewater treatment facility with a rotating biological contactor (RBC) that has a control system. The RBC sits in a tank that receives wastewater to be purified over which a reversible rotatable shaft is supported. One or more stages of rotating disk assembles progressively purify incoming wastewater. Each stage is oriented transversely to the shaft and has a plurality of disk assemblies. Each disk assembly has a number of disks that are sandwiched between end plates. Each of the disks comprises multiple concentric truncated pie shaped segments. Posts extend from the front and back faces of the disks for stirring wastewater and for offering numerous sites to which biomass may adhere and be suspended in the wastewater or exposed to ambient atmosphere during rotation

No. of Pages: 39 No. of Claims: 29

(22) Date of filing of Application :11/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: LINEAR FRESNEL LIGHT CONDENSATION DEVICE WITH HIGH MULTIPLYING POWER

(51) International classification (31) Priority Document No	:G02B19/00,H01L31/042 :201210054424.7	(71)Name of Applicant: 1)BEIJING TERASOLAR ENERGY TECHNOLOGIES
(32) Priority Date	:02/03/2012	CO. LTD
(33) Name of priority country	:China	Address of Applicant :No.37 Jingsheng Naner Street Jinqiao
(86) International Application No		Science and Technology Industry Basement TongzhOu Park
Filing Date	:22/02/2013	Zhongguancun Science and Technology Park Tongzhou District
(87) International Publication No	:WO 2013/127317	Beijing 101102 China
(61) Patent of Addition to Application	:NA	(72)Name of Inventor :
Number	:NA	1)LIU Yang
Filing Date	NIA	2)Wang Qingbao
(62) Divisional to Application Number		
Filing Date	:NA	

(57) Abstract:

A linear Fresnel light condensation device (1 101 102 103) with a high multiplying power comprises a reflector field (2) and a receiving device (3). The reflector field (2) comprises a plurality of arrays of one dimensional linear convergence reflector strips (4); the linear receiving device (3) is arranged parallel to the reflector strip (4) and is arranged with a secondary optical light condensation device inside the height value of the receiving device (3) exceeds half of the width value of the field so as to obtain a high primary convergence light condensation multiplying power and a high secondary convergence light condensation multiplying power thereby implementing a high total convergence light condensation multiplying power. High multiplying power light condensation in low cost can be achieved and at the same time the severe problem such as low light condensation efficiency caused by the extinction the tolerance rate and the shielding rate and the problem of inconvenience in repair and maintenance of the device are solved.

No. of Pages: 28 No. of Claims: 11

(21) Application No.1932/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : GROUND SOURCE COOLING APPARATUS FOR SOLAR ENERGY ELECTRICITY GENERATING 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 (51) International Classification Filing Date (52) Divisional to Application Number Filing Date (53) International Application No (54) Patent of Addition to Application Number Filing Date (55) International Classification Subject to 1:06/03/2012 (100/03/2012 (100/03/2012 (100/03/2012 (100/03/2012 (100/03/2012 (100/03/2012 (100/03/2013 (100/03/	(71)Name of Applicant: 1)BEIJING TERASOLAR ENERGY TECHNOLOGIES CO. LTD Address of Applicant: No.37 Jingsheng Naner Street Jinqiao Science and Technology Industry Basement Tongzhou Park Zhongguancun Science and Technology Park Tongzhou District Beijing 101102 China (72)Name of Inventor: 1)LIU Yang
--	--

(57) Abstract:

Disclosed is a ground source cooling apparatus for a solar energy electricity generating system. The apparatus comprises a circulating medium (2) and an underground circulatory cooling system (1). The underground circulatory cooling system (1) is arranged below the surface of the ground and the goal of lowering the temperature of the circulating medium is achieved by means of the soil below the surface of the ground absorbing heat brought by the circulating medium and by means of the surface of the ground releasing the heat into the environment. The apparatus can use the advantage of the land area of the solar energy electricity generating system to the maximum extent has the benefits of low setup costs and simple and reliable operation overcoming the limitations of steam turbine cooling systems of solar energy thermal electricity generating technology only being able to use air cooling technology in specific areas.

No. of Pages: 20 No. of Claims: 17

(21) Application No.1949/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: THREE-DIMENSIONAL OBJECT DETECTION DEVICE

:WO 2013/129358

(51) International classification :G06T1/00,B60R1/00,B60R21/00 (71) Name of Applicant:

(31) Priority Document No :2012-046629 (32) Priority Date :02/03/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/054860

No

Filing Date :26/02/2013

(87) International Publication

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

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

Address of Applicant

1)NISSAN MOTOR CO., LTD.

Address of Applicant :2, Takara-cho, Kanagawa-ku,

Yokohama-shi, Kanagawa 221-0023, Japan

(72)Name of Inventor:

1)Osamu FUKATA

2) Yasuhisa HAYAKAWA

(57) Abstract:

Provided is a three-dimensional object detection device comprising: an imaging means (10) that captures an image of a predetermined region; an image conversion means (31) that converts the viewpoint of a captured image to that of a birds eye view image; three-dimensional object detection means (32, 33) that generate difference waveform information from a difference image in which the positions of birds eye view images taken at different times are aligned, and detect the existence of three-dimensional objects within the detection area on the basis of the difference waveform information; a movement speed calculation means (33) that calculates the movement speed of a three-dimensional object; a three-dimensional object determination means (34) that determines whether a three-dimensional object existing within the predetermined region is another vehicle; a non-detection target determination means (34) that detects the degree of variation in the movement speed of a three-dimensional object by repeatedly calculating the amount of change over time of the movement speed of the three-dimensional object, and determines whether the three-dimensional object is a non-detection target on the basis of the degree of variation; and a control means (34) that suppresses determination of the three-dimensional object as another vehicle by the three-dimensional object determination means (34) on the basis of the determination result from the non-detection target determination means (34).

No. of Pages: 74 No. of Claims: 9

(21) Application No.446/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: A HERBAL FORMULATION TO TREAT COCCIDIOSIS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OINAM IBETOMBI DEVI
(32) Priority Date	:NA	Address of Applicant :POST NAMBOL, BISHNUPUR,
(33) Name of priority country	:NA	795134, MANIPUR; INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DEVI, OINAM, IBETOMBI
(87) 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 formulation to treat coccidiosis. More particularly, present invention relates to a formulation prepared from Allium Odorum, Allium sativum, Tinospora cordifolia, Adhatoda vasica and Tridax procumbens to treat coccidiosis. The formulation prepared according to present invention is effective for the treatment of coccidiosis. The herbal composition used in present invention provides relief to the poultry without any side effect. The present invention provides an effective and low cost method for treating coccidiosis .

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

(21) Application No.448/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: A HERBAL FORMULATION FOR HEALING OF FRACTURE

(51) Intermetical elegification	. A 61 W 26 /00	(71) Name of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)KIYAM TEMBA SINGH
(32) Priority Date	:NA	Address of Applicant :MOIRANG KHUNOU,
(33) Name of priority country	:NA	NGANGLEIMA LEIRAK, BISHNUPUR, MANIPUR; India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGH, KIYAM TEMBA
(87) 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 herbal formulation prepared from plant Paederia foetida in the form of paste for healing of fractures in animals. The plant part used for preparation of the formulation of present invention is a combination of leaves and tendrils of Paederia foetida. The herbal composition used in present invention provides relief to animals without any side effect. The present invention provides an effective and low cost method for healing of fractures.

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

(21) Application No.930/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :12/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: WATER GUN DESIGNED WITH COLOR CARTRIDGES

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (37) Name of Applicant: (38) International Application No Filing Date (39) International Publication No (39) International Application No (30) International Application No (31) Name of Applicant: (31) Name of Inventor: (31) Name of Applicant: (31) Name of Inventor: (32) Name of Inventor: (32) Name of Inventor: (33) 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: (39) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (31) Name of Inventor: (31) Name of Inventor: (31) Name of Inventor: (32) Name of Inventor: (33) Name of Inventor: (34) Name of Inventor: (35) Name of Inventor: (36) Name of Inventor: (37) Name of Inventor: (38) Name of Inventor: (39) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (30) Name of Inventor: (31) Name of Inve	 (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/960,201 :13/09/2013 :U.S.A. :NA :NA :NA :NA :NA	Address of Applicant :11511 HENLEY DR HOUSTON, TAXAS-77064 U.S.A. (72)Name of Inventor:
--	---	--	---

(57) Abstract:

Disclosed is a design of a water gun used to shoot streams of water by mixing color powder or color water with a solvent that is loaded in the chamber of the water gun. The color powder or color water is discharged from one or more color cartridges that are fixed on the elongated cylindrical casing of the water gun or discharged from one or more compartments provided along the elongated cylindrical casing of the water gun. As the user presses the trigger guard of the water gun, the color powder or the color liquid discharged through the compartments of the water gun is mixed with the solvent loaded in the chamber of the water gun in a mixing chamber and the mixed color liquid is sprayed through the nozzle of the water gun.

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

(21) Application No.1955/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: HORIZONTAL AGITATOR

(51) International classification :B01F7/00,F16M5/00,C02F3/12 (71)Name of Applicant :

(31) Priority Document No :10 2012 205 577.0 (32) Priority Date :04/04/2012

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2013/055837

Filing Date :20/03/2013 (87) International Publication No: WO 2013/149833

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

:NA Number :NA Filing Date

(57) Abstract:

1)INVENT UMWELT UND VERFAHRENSTECHNIK AG

Address of Applicant: Am Pestalozziring 21 91058 Erlangen Germany

(72)Name of Inventor: 1)HÖFKEN Marcus

The invention relates to a horizontal agitator for producing a flow in a clarifier a propeller (1) being connected to a submersible motor (3) which is axially off set in relation thereto and the propeller (1) and the submersible motor (3) being designed such that a flow in a direction from the propeller (1) towards the submersible motor (3) is produced when the submersible motor (3) is operated. Plate shaped flow guide elements (7) are provided downstream of the propeller (1) and extend in an axial plane that runs substantially parallel to the propeller axis. In order to improve the efficiency of the horizontal agitator the submersible motor (3) is supported on the bottom (B) of the clarifier via at least two first flow guide elements (5).

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

(21) Application No.1956/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: HORIZONTAL AGITATOR

:NA

(51) International classification :B01F7/00,B01F7/06,C02F3/12 (71)Name of Applicant : 1)INVENT UMWELT UND VERFAHRENSTECHNIK AG (31) Priority Document No :10 2012 205 579.7 (32) Priority Date Address of Applicant: Am Pestalozziring 21 91058 Erlangen :04/04/2012 (33) Name of priority country :Germany Germany (72)Name of Inventor: (86) International Application No :PCT/EP2013/055838 1)HÖFKEN Marcus Filing Date :20/03/2013 (87) International Publication No: WO 2013/149834 2)HAGSPIEL Thomas (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

The invention relates to a horizontal agitator for producing a flow in a clarifier a submersible motor (1) and a propeller (3) drivingly connected thereto forming an assembly unit (M). A receiving portion (A) for removably attaching the assembly unit (M) is provided and can be supported on the bottom (Bo) of the clarifier. A guide (17) for guiding the assembly unit (M) along a substantially vertical movement path between a surfacing position above a maximum nominal sewage level (N) defined for the clarifier and the receiving portion (A) is provided. In order to improve the efficiency of the horizontal agitator and to reduce complexity of manufacture the guide is formed by at least one first cable (S) extending between the surfacing position and the receiving portion (A).

No. of Pages: 21 No. of Claims: 12

(21) Application No.449/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: A HERBAL FORMULATION FOR TREATMENT OF BLOATING

(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHIV SAH
(32) Priority Date	:NA	Address of Applicant :S/O BHAIRO SAH, P.O-BAKHAT
(33) Name of priority country	:NA	PARSAREN, VIA-BETIYA, PASCHIM CHAMPARAN,
(86) International Application No	:NA	BIHARIndia
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAH, SHIV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a novel herbal composition for the treatment of bloating. The herbal composition is prepared from plant materials obtained from Emblica officinalis, Terminalia chebula, Terminalia bellirica and Crotalaria juncea, and black salt. The present invention is cost effective and readily available for livestock owners to treat their animals. This composition provides immediate relief to affected animals.

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

(21) Application No.2087/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/10/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: DEVICE FOR CHANGING STRAIGHT FLUTE DRILL BITS FOR DEEP HOLE DRILLING

(51) International classification (31) Priority Document No	:B23Q3/157,B23B41/02 :TV2012A000043	(71)Name of Applicant : 1)CANUTO Almerino
(32) Priority Date	:21/03/2012	Address of Applicant: Via San Michele 13 I 31032 Casale Sul
(33) Name of priority country	:Italy	Sile Italy
(86) International Application No	:PCT/EP2013/051771	(72)Name of Inventor:
Filing Date	:30/01/2013	1)CANUTO Almerino
(87) International Publication No	:WO 2013/139518	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.ivA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device (1) for changing straight flute drill bits (2) for deep hole drilling comprising a magazine (4) for moving a plurality of single drill bit supporting sliders (8) which is provided with a movable arm (28) for the loading/unloading of one of the sliders (8) from the magazine (4). The arm (28) moreover enables the positioning of one of the sliders (8) at a head (18) of an adjacent multifunctional machine (3) the head (18) having coupling/release means for one of the sliders (8).

No. of Pages: 21 No. of Claims: 8

(21) Application No.2088/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/10/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: METHOD FOR LOWERING DEW POINT OF AMBIENT GAS WITHIN ANNEALING FURNACE DEVICE THEREOF AND METHOD FOR PRODUCING COLD ROLLED ANNEALED STEEL SHEET

(51) International classification :C21D9/56,C21D1/74,C21D1/76 (71) Name of Applicant:

(31) Priority Document No :2012088089 (32) Priority Date :09/04/2012

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/002353

Filing Date :05/04/2013

(87) International Publication No: WO 2013/153791

(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)FUJII Takamasa

2)IRI Masato

(57) Abstract:

In the present invention a portion of the ambient gas of a heating zone (1) and/or a soaking zone is sucked out passed through the high temperature gas duct of a heat exchanger (9) to be cooled by means of heat exchange with a gas within a low temperature gas duct then further cooled by means of mixing with a portion of the ambient gas of a cooling zone (2) then further cooled by means of passing through a gas cooling device (10) then dehumidified to a dew point of no greater than 45°C by means of a dryer (11) then passed through the low temperature gas duct of the heat exchanger (9) to be heated by means of heat exchange with the gas within the high temperature gas duct and then is returned to the heating zone (1) and/or the soaking zone by which means it is possible to achieve a reduced dew point of no greater than 45°C in an energy efficient manner.

No. of Pages: 29 No. of Claims: 5

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: A SYSTEM FOR HANDLING AND SEPARATION OF REFRACTORY WASTE OF OLD REFRACTORY BRICKS, METAL JAMS AND MUCK GENERATED IN STEEL MAKING SHOP AND A MOTHOD FOR THE SAME.

(51) International classification	:F27D1/00	(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, Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIVEKANAND
(61) Patent of Addition to Application Number	:NA	2)C. BHANU
Filing Date	:NA	3)BRIJENDRA SINGH
(62) Divisional to Application Number	:NA	4)NAVNEET OJHA
Filing Date	:NA	5)DIPTENDU BANERJEE

(57) Abstract:

A system for handling and separating of refractory waste of old refractory bricks, metal jams and muck generated in steel making shop, the system comprising of a rotating cylindrical screen (1) installed on an elevated platform; a gear and shaft mechanism coupled with an electric motor for providing axial rotation to the screen (1); a hopper (2) for feeding the waste input to upper end of a tube allowing coarse output like solid refractory brick bats collected from lower end. The metallic jams are separated out from the waste by magnetic separation leaving rest of the material consisting of solid bricks and muck are fed as input material in the rotary screen (1), the said screen (1) are at an angle of 20° from horizontal and rotated along the axis for facilitating flow of materials along the length wherein smaller and fine fractions of used refractory bricks and slag passes through the screen openings and the bigger fraction like refractory bricks comes out as main output material as a by product.

No. of Pages: 6 No. of Claims: 2

(21) Application No.483/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : AN AUTOMATIC TRANSFER TAPER ROLLER BEARING (TRB) PRESS MACHINE FOR CLOSING OPERATION OF SMALL AND MEDIUM SIZE BEARINGS

(51) International classification	:B26D1/06	(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, Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. SUKANTA CHANDA
(61) Patent of Addition to Application Number	:NA	2)MR. M. CHOUDHARY
Filing Date	:NA	3)MR. NITIN RATHORE
(62) Divisional to Application Number	:NA	4)MR. P. N. SINGH
Filing Date	:NA	5)MR. U. K. RAO

(57) Abstract:

An automatic transfer taper roller being press machine for closing operation of small and medium size bearings comprising a feeding system for input of the material by belt conveyor, a pushing system having three air cylinders for pushing the material and holding the same during pushing from delivery end (3) to transfer in point (4), a transfer system having three air cylinders and two air grippers mounted one above the other where the air cylinder movement take place in three different directions (axis x, y & z), a control system having a PLC based electrical control panel (12), value station and safety barriers when a press station (5) is disposed in the machine (M) for closing operation of bearings placed on a specified die fixed at this station when a hydro-pneumatic press cylinder is vertically installed over the die for closing operation of taper roller bearings.

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

(22) Date of filing of Application :07/10/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING A FEEDBACK SIGNAL IN A MOBILE 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 	:10/04/2013 :WO 2013/154352 :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 Hyo Jin 2)KIM Youn Sun 3)KIM Ki II 4)CHOI Seung Hoon
Filing Date	:NA	

(57) Abstract:

A method and apparatus for transmitting and receiving a feedback signal in a mobile communication system are provided in which a User Equipment (UE) receives information about at least one Channel State Information Reference Signal (CSI RS) and information about at least one Interference Measurement Resource (IMR) determines at least one feedback signal to be transmitted from among a plurality of feedback signals available according to the information about the at least one CSI RS and the information about the at least one IMR generates the determined at least one feedback signal and transmits the generated at least one feedback signal. The at least one feedback signal to be transmitted is determined based on bitmap information received from a central control device the bitmap information includes information indicating that at least one feedback signal desired to receive by the central control device.

No. of Pages: 29 No. of Claims: 8

(22) Date of filing of Application :07/10/2014 (43) Publication Date: 30/10/2015

(54) Title of the invention: SERIES OF GEAR TRAIN HOUSINGS

(51) International classification :F16H57/033,F16H57/02 (71)Name of Applicant : (31) Priority Document No :12164624.4 (32) Priority Date :18/04/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/057426

:NA

Filing Date :10/04/2013 (87) International Publication No :WO 2013/156357

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

2)STOLL Robert

(57) Abstract:

Filing Date

The invention relates to a series of gear train housings (Gij) that comprises different sizes. Each size comprises a series of different housing types which are suitable for at least two different gear train types of the following types: spur gear gear trains bevel gear gear trains flat gear trains and worm gear trains. Each gear train housing (Gij) has a housing opening (10) on the drive side which housing opening is surrounded by a drive flange (11) for connecting a motor an adapter plate or an additional gear train. In at least two different sizes the axes (20) of bearing points (21) designed to accommodate shaft bearings for toothed parts said axes extending perpendicularly to the plane of the drive flange (11) lie inside a minimum inside diameter (b1) of the drive flange (11) as viewed in a direction perpendicular to the plane of the drive flange (11) for at least two different types of each of said sizes.

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

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: A HERBAL COMPOSITION TO CURE JAUNDICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K36/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)OINAM SANAHANBI DEVI Address of Applicant: OINAM NAMBOL, POST OFFICE: NAMBOL, BISHNUPUR 795134, Manipur India 2)MAISNAM PASOTLEI 3)LEICHOMBAM RADHA 4)MAIBAM MEMTON 5)LONGJAM ASHA (72)Name of Inventor: 1)OINAM SANAHANBI DEVI 2)MAISNAM PASOTLEI 3)LEICHOMBAM RADHA 4)MAIBAM MEMTON 5)LONGJAM ASHA
---	---	--

(57) Abstract:

A herbal composition to cure jaundice, comprising extract obtained from the plant Melothria perpusilla, prepared by a process comprising the steps of: (a) washing plant material derived from the plant Melothria perpusilla; (b) drying the plant material of step (a) to obtain dried plant material; (c) grinding the plant material of step (b) followed by sieving to obtain the fine powder;

No. of Pages: 11 No. of Claims: 7

(21) Application No.1872/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date: 30/10/2015

(54) Title of the invention : COMPOSITION COMPRISING AN ALKOXYLATED AMINE COMPOUND AND A CARBOXYLIC ACID COMPOUND USE THEREOF IN WATER IN OLL EMULSIONS AND PROCESS USING THE COMPOSITION AS OR AS PART OF A DRILLING FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	a: C09K8/035,C09K8/36,C09K8/28 :10 2012 003 224.2 :20/02/2012 :Germany :PCT/EP2013/000487 :20/02/2013 :WO 2013/124058 :NA :NA :NA	(71)Name of Applicant: 1)SASOL OLEFINS & SURFACTANTS GMBH Address of Applicant: Anckelmannsplatz 1 20537 Hamburg Germany (72)Name of Inventor: 1)NAPIERALA Heinz 2)BÖSING Ludger
--	--	---

(57) Abstract:

The object of the present invention is a composition comprising amine compound and carboxylic acid compounds wherein at least the amine compounds are alkoxylated use thereof as a drilling fluid and a method for using the drilling fluid

No. of Pages: 23 No. of Claims: 25

(21) Application No.1873/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: SYNTHESIS OF 2 (3 4 DIFLUOROPHENYL)CYCLOPROPANECARBOXYLIC ACID

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C07C67/327,C07C45/68,C07C51/08 :12156137.7 :20/02/2012 :EPO	(71)Name of Applicant: 1)LEK PHARMACEUTICALS D.D. Address of Applicant: Verovskova 57 1526 Ljubljana Slovenia (72)Name of Inventor: 1)STERK Damjan 2)ZUPANCIC Borut
(86) International Application No Filing Date (87) International	:PCT/EP2013/053301 :20/02/2013	
Publication No (61) Patent of Addition to Application Number Filing Date	:WO 2013/124280 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(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: 26 No. of Claims: 12

(21) Application No.1874/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :02/09/2014

(43) Publication Date: 30/10/2015

(54) Title of the invention : (1R 4R) 6 FLUORO (N METHYL OR N N DIMETHYL) 4 PHENYL 4 9 DIHYDRO 3 H SPIRO [CYCLOHEXANE 1 1 PYRANO[3 4 B]INDOL] 4 AMINE FOR TREATING FIBROMYALGIA AND CHRONIC FATIGUE SYNDROME

(51) International classification	:A61K31/407,A61P21/02	(71)Name of Applicant :
(31) Priority Document No	:12000743.0	1)GRÜNENTHAL GMBH
(32) Priority Date	:03/02/2012	Address of Applicant : Zieglerstraße 6 52078 Aachen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/051979	1)FROSCH Stefanie
Filing Date	:01/02/2013	2)LINZ Klaus
(87) International Publication No	:WO 2013/113857	3)BLOMS FUNKE Petra
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a pharmaceutical dosage form comprising (1r 4r) 6 Fluoro (N methyl or N N dimethyl) 4 phenyl 4 9 dihydro 3 H spiro [cyclohexane 1 1 pyrano[3 4 b] indol] 4 amine or a physiologically acceptable salt thereof for use in the treatment of fibromyalgia or chronic fatigue syndrome.

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

(21) Application No.445/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011 (43) Publication Date : 30/10/2015

(54) Title of the invention: A HERBAL FORMULATION FOR THE TREATMENT OF RETENTION OF PLACENTA

(51) International classification (31) Priority Document No	:A61K36/00 :NA	(71)Name of Applicant : 1)SAJAWAL SINGH
(32) Priority Date	:NA	Address of Applicant :VILL-MALKONIYA, POST-
(33) Name of priority country	:NA	PACHPAKARI, VAYA-DHAKA, EAST CHAMPARAN,
(86) International Application No	:NA	BIHAR-845427 India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH, SAJAWAL
(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 herbal formulation for the early removal of placenta in animals. The herbal formulation according to present invention is prepared from the leaves of Echinocloa colona, Tridax procumbens, Glycine max, Allium cepa and Zingiber officinale. The herbal composition used in present invention provides relief to animals without any side effect. The present invention provides an effective and low cost method for treatment of retention of placenta.

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

(22) Date of filing of Application :03/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention: METHOD AND SYSTEM FOR OPERATING INSTANCES OF A GAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A63F1/00 :1202370.1 :10/02/2012 :U.K. :PCT/IL2013/000013 :10/02/2013 :WO 2013/118110 :NA :NA	(71)Name of Applicant: 1)RATIONAL INTELLECTUAL HOLDINGS LIMITED Address of Applicant: Douglas Bay Complex King Edward Road Onchan Isle of Man IM3 1DZ U.K. (72)Name of Inventor: 1)BOURENKOV Serguei 2)SHEIKHMAN Vadim 3)LIGOUM Dmitri
--	---	---

(57) Abstract:

Disclosed is a computer implemented method of (and system for) operating instances of a game having a plurality of game positions that can be occupied by players such as a poker type game. The method comprises assigning a player a plurality of weights relating to game positions where each weight indicates a bias towards placement of the player at a game position. When a player has played in a first game at a given position the weights are updated to indicate an altered bias towards placement at each position. The player is then assigned to a second game based on the updated weights.

No. of Pages: 60 No. of Claims: 61

(22) Date of filing of Application :04/09/2014 (43) Publication Date : 30/10/2015

(54) Title of the invention : SYSTEMS AND METHODS OF VIRUS PROPAGATION IN CELL CULTURE FOR VACCINE MANUFACTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/04/2013 :WO 2013/154928 :NA :NA :NA	(71)Name of Applicant: 1)KAPRE Subhash V. Address of Applicant: 362 Bellevue Way NE Bellevue WA 98004 U.S.A. (72)Name of Inventor: 1)KAPRE Subhash V.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a closed system to propagate virus infected cells without the effect of shear force while providing quicker access to nutrients than is available conventionally This system design allows for a high density of infected cell growth to increase the virus yields and to maintain homogeneity of the contents of the main container. The system further provides a nuclease to degrade the cellular DNA prior for purification of the virus or viral components. As the system is designed for maximum containment at low risk the live virus can be a hazardous virus such as a Bio safety Level 3 (BSL 3) BSL 4 or BSL5 virus.

No. of Pages: 27 No. of Claims: 40

(19) INDIA

(22) Date of filing of Application :04/09/2014

(21) Application No.1892/KOLNP/2014 A

(43) Publication Date: 30/10/2015

(54) Title of the invention: AIR CONDITIONER

(51) International classification	:F25B41/00	(71)Name of Applicant:
(31) Priority Document No	:2012027205	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:10/02/2012	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/JP2013/000497	(72)Name of Inventor:
Filing Date	:30/01/2013	1)MICHITSUJI Yoshiharu
(87) International Publication No	:WO 2013/118465	2)NOUCHI Yoshiteru
(61) Patent of Addition to Application	:NA	3)EGAWA Wataru
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is characterized in that: a flow divider (50) disposed on an air conditioner (1) has a flow divider body (52) with an internal space (S) and a first connection section (54) to which a pipe (38) is connected; the first connection section (54) has an inner peripheral surface (541) that defines a hole (540) through which the pipe (38) is inserted; the inner peripheral surface (541) has a brazed section (542) in a center axis (C) direction that is disposed at a location containing an end on the side where the pipe (38) is inserted and forms a gap (a) filled with solder (39) for brazing between the inner peripheral surface and the outer peripheral surface of the pipe (38) and a restricting section (543) disposed more toward the flow divider body (52) than the brazing section (542); and the inner diameter (B2) of the restricting section (543) is smaller than the inner diameter (B1) of the brazing section (542).

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

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	269377	5201/DELNP/2008	04/01/2006	04/01/2006	PROCESS FOR THE PREPARATION OF METHIONINE AND ITS PRECURSORS HOMOSERINE OR SUCCINYL- HOMOSERINE EMPLOYING A MICROORGANISM WITH ENHANCED SULFATE PERMEASE EXPRESSION	METABOLIC EXPLORER	26/09/2008	DELHI
2	269378	3760/DELNP/2006	03/01/2005	07/01/2004	SLOT-LINE-TYPE MICROWAVE DEVICE WITH A PHOTONIC BAND GAP STRUCTURE	THOMSON LICENSING	22/06/2007	DELHI
3	269379	8053/DELNP/2008	19/03/2007	29/03/2006	ACTIVE COMPOUND COMBINATIONS HAVING INSECTICIDAL AND ACARICIDA PROPERTIES	BAYER CROPSCIENCE AG	29/05/2009	DELHI
4	269380	6176/DELNP/2009	13/03/2008	30/03/2007	SILICONE RESIN CONTAINING COATING COMPOSITIONS, RELATED COATED SUBSTRATES AND METHODS	PPG INDUSTRIES OHIO, INC.	02/07/2010	DELHI
5	269382	10632/DELNP/200 8	25/07/2007	25/07/2006	METHOD FOR THE PREPERATION OF A MEDICAL DEVICE ELEMENT	COLOPLAST A/S	20/03/2009	DELHI
6	269384	4860/DELNP/2009	05/02/2008	05/02/2007	HAIR CARE COMPOSITION	THE PROCTER & GAMBLE COMPANY	05/03/2010	DELHI
7	269386	2066/DEL/2006	19/09/2006		'A PROCESS FOR PREPARING TRH ANALOGUE COMPOUNDS	NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER)	23/04/2010	DELHI
8	269387	1846/DELNP/2008	08/09/2006	09/09/2005	METHOD FOR PRODUCING A HONEYCOMB BODY AND HONEYCOMB BODY	EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLO GIE MBH	27/06/2008	DELHI
9	269389	5781/DELNP/2010	04/08/2008	14/02/2008	STABLE COLLOIDAL TITANIUM DIOXIDE SOLS	CRISTAL USA INC.	13/09/2013	DELHI

10	269391	5775/DELNP/2007	28/11/2006	24/07/2006	UNIT TO PROCESS POWDERED LEAD-AND ZINC-BEARING RAW MATERIALS	SA VNIITSVETMET	01/02/2008	DELHI
11	269392	3197/DEL/2005	29/11/2005		RECUPERATIVE LIQUEFIED PETROLEUM GAS (LPG) VORTEX BURNER SYSTEM	INDIAN INSTITUTE OF TECHNOLOGY	17/08/2007	DELHI
12	269395	2303/DEL/2007	05/11/2007 12:47:28	13/11/2006	METHOD FOR ESTERIFICATION OF FREE FATTY ACIDS IN TRIGLYCERIDES	ROHM AND HAAS COMPANY	16/05/2008	DELHI
13	269404	7869/DELNP/2008	16/03/2007	20/03/2006	STOICHIOMETRIC LITHIUM COBALT OXIDE AND METHOD FOR PREPARATION OF THE SAME	LG CHEM, LTD	24/10/2008	DELHI
14	269406	6791/DELNP/2008	15/05/2006	20/01/2006	MODIFIED MACROMOLECULE	STARPHARMA PTY.LTD.	24/10/2008	DELHI
15	269414	2078/DELNP/2007	26/08/2005	27/10/2004	A LEAD-FREE SOLDER, A METHOD OF PREPARING A LEAD-FREE SOLDER, AND A METHOD OF SOLDERING USING A LEAD-FREE SOLDER	QUANTUM CHEMICAL TECHNOLOGIES (SINGAPORE) PTE LTD.,SINGAPORE ASAHI CHEMICAL & SOLDER INDUSTRIES PTE LTD.	17/08/2007	DELHI
16	269416	9542/DELNP/2008	05/06/2007	27/06/2006	A PROCESS FOR THE PRODUCTION OF AN ETHYLENE ALPHAOLEFIN COPOLYMER	UNIVATION TECHNOLOGIES, LLC	20/03/2009	DELHI
17	269419	407/DEL/2008	18/02/2008 17:08:26		OLIGONUCLEOTIDE PRIMER SEQUENCES FOR THE SPECIFIC AND SENSITIVE DETECTION OF BEBESIA BIGEMINA BY POLYMERASE CHAIN REACTION	INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)	04/09/2009	DELHI
18	269421	9499/DELNP/2007	24/05/2006	16/06/2005	OPTIMIZED LIQID-PHASE OXIDATION	GRUPO PETROTEMEX, S.A. DE C.V.	27/06/2008	DELHI
19	269422	153/DELNP/2010	27/05/2004	28/05/2003	USE OF QUATERNARY AMMONIUM CARBONATES AND BICARBONATES AS ANTICORROSIVE AGENTS, METHOD FOR INHIBITING CORROSION AND ANTICORROSIVE COATINGS USING THESE AGENTS	LONZA INC	30/07/2010	DELHI
20	269423	4946/DELNP/2006	12/03/2004	12/03/2004	METHOD FOR OPERATING A FREQUENCY CONVERTER OF A GENERATOR AND WIND ENERGY TURBINE HAVING A GENERATOR OPERATED ACCORDING TO THE METHOD	GENERAL ELECTRIC COMPANY	17/08/2007	DELHI
21	269424	1475/DEL/2004	09/08/2004	30/09/2003	VEHICULAR SEAT STRUCTURE	HONDA MOTOR CO., LTD.	14/07/2006	DELHI

22	269427	3339/DELNP/2004	22/04/2003	23/04/2002	POWERED TOOTHBRUSH	COLGATE-PALMOLIVE COMPANY	09/10/2009	DELHI
23	269429	760/DEL/2004	21/04/2004	12/05/2003	PIPETTE CONTROL ARRANGEMENT	BEL-ART PRODUCTS , INC.	16/06/2006	DELHI
24	269430	8625/DELNP/2007	26/05/2006	13/06/2005	CATALYST COMPOSITION COMPRISING SMALL SILICA SUPPORT MATERIALS AND METHODS OF USE IN POLYMERIZATION REACTIONS	UNIVATION TECHNOLOGIES,LLC.	27/06/2008	DELHI
25	269431	2127/DEL/2004	28/10/2004		FOLDING LAMPSHADE	GPL EXPORTS LIMITED	31/07/2009	DELHI
26	269434	1695/DEL/2008	17/07/2008 12:50:38	25/07/2007	METHOD FOR PURIFYING OF GLYCERINE	LANXESS DEUTSCHLAND GMBH	06/03/2009	DELHI
27	269435	4799/DELNP/2008	20/11/2006	30/11/2005	BATTERY MODULE OF NOVEL STRUCTURE	LG CHEM, LTD.,	15/08/2008	DELHI
28	269436	6806/DELNP/2007	28/03/2007	14/04/2006	METHOD FOR PREPARING RARE EARTH PERMANENT MAGNET MATERIAL	SHIN-ETSU CHEMICAL CO.,LTD.	26/10/2007	DELHI
29	269438	3757/DELNP/2008	31/10/2006	02/11/2005	METHOD OF REDUCING POROSITY	PRAXAIR TECHNOLOGY, INC. technology licensors,	15/08/2008	DELHI
30	269439	8889/DELNP/2008	19/04/2007	19/04/2006	STABILIZERS FOR IMPROVED OPEN TIME OF AQUEOUS COATINGS	HERCULES INCORPORATED	27/03/2009	DELHI
31	269440	5691/DELNP/2008	03/01/2007	03/01/2006	METHOD FOR PRODUCING FLUORINATED ORGANIC COMPOUNDS	HONEYWELL INTERNATIONAL INC.	26/09/2008	DELHI
32	269443	1047/DEL/2007	15/05/2007 12:23:51	15/05/2006	TREATING HORTICULTURAL CROPS	ROHM AND HAAS COMPANY	23/11/2007	DELHI
33	269444	3382/DELNP/2010	20/11/2008	20/11/2007	IMPROVED GLASS FIBER REINFORCED POLYPROPYLENE	BOREALIS TECHNOLOGY OY,	14/01/2011	DELHI
34	269445	3007/DELNP/2009	21/12/2007	21/12/2006	APPARATUS AND PROCESS FOR MIXING IN FLUIDIZED BEDS	UOP LLC	17/07/2009	DELHI
35	269446	8603/DELNP/2009	07/07/2008	11/07/2007	AN ETCHING AND RECOVERY METHOD COMPRISING AN ETCHING PROCESS AND A RECOVERY PROCESS	SIGMA ENGINEERING AB	23/07/2010	DELHI
36	269447	2042/DELNP/2010	25/08/2008	24/08/2007	REINFORCED AND CONDUCTIVE RESIN COMPOSITIONS COMPRISING POLYOLEFINS AND POLY (HYDROXY CARBOXYLIC ACID).	TOTAL PETROCHEMICALS RESEARCH FELUY	20/08/2010	DELHI

37	269448	2014/DEL/2006	11/09/2006 14:30:09		DEVICE FOR OPENING OF CONTACTS OF A	AUTOMETERS ALLIANCE LTD.	04/04/2008	DELHI
38	269453	8735/DELNP/2010	16/06/2009	17/06/2008	CIRCUIT BREAKER THERMOPLASTIC ELASTOMERS EXHIBITING SUPERIOR ABRASION RESISTANCE PROPERTIES	POLYONE CORPORATION	02/03/2012	DELHI
39	269454	1010/DEL/2006	18/04/2006 15:47:19		A PROCESS FOR THE DEVELOPMENT OF NOVEL LINEAR ANTIMICROBIAL PEPTIDES(AMPS)	NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH	26/10/2007	DELHI
40	269456	121/DELNP/2007	08/07/2005	08/07/2004	A CHAIR	KNOLL, INC.	03/08/2007	DELHI
41	269457	941/DEL/2004	25/05/2004	26/05/2003	COUPLING SYSTEM BETWEEN FRAME AND REAR ENGINE- SUSPENSION GROUP OF A MOTOR VEHICLE	PIAGGIO & C. S.p. A.	23/06/2006	DELHI
42	269458	537/DEL/2006	28/02/2006	05/04/2005	A COVER FOR MEDICAL WASTE DISPOSAL RECEPTACLE	SHERWOOD SERVICES, AG	10/08/2007	DELHI
43	269459	3908/DELNP/2010	03/12/2008	05/12/2007	PROCESS FOR THE PRODUCTION OF COATED TITANIUM DIOXIDE PIGMENTS	Millennium Inorganic Chemicals Inc.	30/08/2013	DELHI
44	269460	1083/DELNP/2008	11/07/2006	11/07/2005	OLIGOMERS OF STRAIGHT-CHAIN AND UNBRANCHED FATTY ACIDS, AND MEDICAMENTS CONTAINING THE SAME	PLT PATENT & LICENCE TRADING LTD	04/07/2008	DELHI
45	269461	7474/DELNP/2009	14/05/2007	14/05/2007	A CIRCULATING COAL FLUIDIZED BED COAL GAS PRODUCER SYSTEM	KEDA INDUSTRIAL CO., LTD,KEDA (MAS) INDUSTRIAL CO., LTD.	02/07/2010	DELHI
46	269470	5702/DELNP/2008	19/03/2007	20/03/2006	METHOD AND APPARATUS FOR DETERMINING THE ALTITUDE OF A MOBILE DEVICES	QUALCOMM INCORPORATED	26/09/2008	DELHI
47	269471	2377/DELNP/2007	17/10/2005	18/10/2004	A METHOD AND APPARATUS FOR READING FILM GRAIN PATTERNS IN A RASTER ORDER IN FILM GRAIN SIMULATION	THOMSON LICENSING	03/08/2007	DELHI
48	269472	2011/DEL/2004	15/10/2004	16/10/2003	SERVICE TROLLEY FOR OPEN-END SPINNING MACHINES	SAVIO MACCHINE TESSILI S.P.A	22/09/2006	DELHI
49	269475	5027/DELNP/2007	14/12/2005	17/12/2004	HYDROGEN GETTER	JOHNSON MATTHEY PLC.	17/08/2007	DELHI
50	269476	6975/DELNP/2008	25/01/2007	25/01/2006	CHEWABLE CAPSULES	AYANDA GROUP AS	24/10/2008	DELHI

51	269477	4820/DELNP/2008	21/12/2006	21/12/2005	POLY(TRIMETHYLENE TEREPHTHALATE) CONTINUOUS MANUFACTURING PROCESS	E.I. DU PONT DE NEMOURS AND COMPANY	15/08/2008	DELHI
52	269478	6346/DELNP/2008	15/02/2007	16/02/2006	PROCESS FOR PREPARING INTERMEDIATES TO 5- HT4, RECEPTOR AGONIST COMPOUNDS	THERAVANCE INC.	24/10/2008	DELHI
53	269479	1218/DELNP/2009	14/09/2007	14/09/2006	PROCESS FOR RECOVERING GROUP VIB METALS FROM SPENT CATALYSTS	ALBEMARLE NETHERLANDS, B. V.	15/05/2009	DELHI
54	269481	5378/DELNP/2006	21/03/2005	22/03/2004	METHOD OF CONTROLLING A SURGICAL SYSTEM	ALCON, INC	03/08/2007	DELHI
55	269483	3129/DELNP/2009	19/12/2007	28/12/2006	APPARATUS AND METHODS FOR SEPARATING BUTENE-1 FROM A MIXED C4 FEED	UOP LLC	17/07/2009	DELHI
56	269484	7179/DELNP/2010	30/03/2009	11/04/2008	A COATING COMPOSITION	PPG INDUSTRIES OHIO, INC.	24/02/2012	DELHI
57	269485	3966/DELNP/2007	15/12/2005	17/12/2004	Composition of oxaloacetate compounds with chemotherapy for enhanced prevention and treatment of cancer	CASH, ALAN, B	31/08/2007	DELHI
58	269492	7489/DELNP/2009	19/05/2008	22/05/2007	NITRILE RUBBERS	LANXESS DEUTSCHLAND GMBH	02/07/2010	DELHI
59	269493	543/DEL/2006	01/03/2006	10/03/2005	SYSTEMS FOR MANAGING MULTIPLE HOT PLUG OPERATIONS	DELL PRODUCTS L.P.	17/08/2007	DELHI
60	269494	4522/DELNP/2009	26/12/2007	27/12/2006	IMMUNOGENIC COMPOSITION FOR INDUCING AN IMMUNE RESPONSE	EMORY UNIVERSITY,DANA- FARBER CANCER INSTITUTE,PRESIDENT AND FELLOWS OF HARVARD COLLEGE	12/03/2010	DELHI
61	269496	5076/DELNP/2008	14/12/2006	19/12/2005	TWO-STAGE QUENCH SCUBBER	FLUOR TECHNOLOGIES CORPORATION	08/08/2008	DELHI
62	269497	5327/DELNP/2008	29/11/2006	29/11/2005	POROUS SOLID LUBRICANT, BEARING AND CONSTANT- VELOCITY JOINT	NTN CORPORATION	24/10/2008	DELHI
63	269498	5632/DELNP/2009	13/02/2008	02/03/2007	ULTRA-HIGH PURITY ZINC BROMIDES AND QUATERNARY AMMONIUM BROMIDES FOR USE IN ZINC- BROMINE BATTERIES	ALBEMARLE CORPORATION,	07/05/2010	DELHI
64	269508	2017/DEL/2004	15/10/2004	16/10/2003	TAILSTOCK DEVICE AND PROCESS FOR STARTING THE COLLECTION AND DEPOSITING THE RESERVE OF THREAD ON A NEW QUILL	SAVIO MACCHINE TESSILI S.P.A	08/09/2006	DELHI

65	269512	990/DEL/2006	13/04/2006	15/04/2005	ASSEMBLY ARRANGEMENT BETWEEN A BEARING INNER RACE AND A JOURNAL	SNECMA	17/08/2007	DELHI
66	269514	7959/DELNP/2009	25/06/2008	27/06/2007	SYSTEM AND PROCESS FOR PRODUCTION OF LIQUID PRODUCT FROM LIGHT GAS	H R D CORPORATION	09/07/2010	DELHI
67	269518	725/DELNP/2008	27/07/2006	27/07/2005	8-METHOXY-9H- ISOTHIAZOLO [5,4- B]QUINOLINE-3,4- DIONES AS ANTI-IN- FECTIVE AGENTS	ACHILLION PHARMACEUTICALS, INC	25/04/2008	DELHI
68	269519	152/DELNP/2009	04/10/2006	12/07/2006	CEMENTING COMPOSITIONS COMPRISING CEMENT KILN DUST, VITRIFIED SHALE, ZEOLITE, AND/OR AMORPHOUS SILICA AND ASSOCIATED METHODS	HALLIBURTON ENERGY SERVICES, INC.	12/06/2009	DELHI
69	269521	5032/DELNP/2009	02/02/2007	02/02/2007	DIAMOND SINTERED BODY AND METHOD FOR PRODUCING SAME	SUMITOMO ELECTRIC HARDMETAL CORP.	05/03/2010	DELHI
70	269523	7580/DELNP/2008	29/03/2007	31/03/2006	IMPROVED FCC CATALYST STRIPPER CONFIGURATION	EXXON RESEARCH AND ENGINEERING COMPANY	26/09/2008	DELHI
71	269524	1195/DEL/2006	15/05/2006 15:42:51		PRODUCTION OF DIESEL FUEL FROM BIORENEWABLE FEEDSTOCKS	UOP LLC	23/11/2007	DELHI
72	269526	3576/DELNP/2009	09/11/2007	09/11/2006	IMPROVING THE TRANSFER OF SLURRY IN A BAYER PROCESS	NALCO COMPANY	01/01/2010	DELHI
73	269531	2822/DELNP/2010	03/10/2008	15/10/2007	SOLID CATALYST USEFUL FOR CONVERTING AN ALKYLENE OXIDE TO AN ALKYLENE GLYCOL	SD LIZENZVERWERTUNGSGE SELLSCHAFT MBH & CO. KG	21/10/2011	DELHI
74	269534	3166/DELNP/2008	23/10/2006	27/10/2005	POLYURETHANE-UREA ELASTOMERS	BAYER MATERIALSCIENCE LLC	08/08/2008	DELHI
75	269537	2575/DELNP/2007	06/10/2005	11/10/2004	METHOD AND APPARATUS FOR COUPLING COMPONENTS	KAMATICS CORPORATION	03/08/2007	DELHI
76	269538	3115/DEL/2005	22/11/2005	23/12/2004	THERMOPLASTIC INJECTION MOLDING METHOD FOR CAPPING A TUBULAR FILTRATION MEDIUM	EMD MILLIPORE CORPORATION	02/10/2009	DELHI
77	269539	2506/DEL/2005	16/09/2005	26/10/2004	DOUBLE TAKE-OFF NEEDLE AND METHOD FOR PRODUCING IT	EMD MILLIPORE CORPORATION	02/10/2009	DELHI

78	269542	5922/DELNP/2007	01/02/2006	01/02/2005	PROCESS FOR APPLYING A COATING ONTO A SURFACE OF A LENS SUBSTRATE	ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE)	17/08/2007	DELHI
79	269543	2539/DEL/2008	07/11/2008 17:38:17		A PROCESS FOR THE PREPARATION OF MOLECULAR SIEVE ADSORBENT USEFUL FOR THE SELECTIVE ADSORPTION OF OXYGEN FROM ITS GASEOUS MIXTURE WITH ARGON	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	20/08/2010	DELHI
80	269554	1063/DEL/2008	25/04/2008 15:39:58	04/05/2007	A DISPOSABLE PROCESSING BAG DISPOSED WITHIN A HOLDER	EMD MILLIPORE CORPORATION	26/12/2008	DELHI
81	269557	2343/DELNP/2006	28/09/2004	02/10/2003	A METAL PLATE MATERIAL HOT MOLDING APPARATUS AND METHOD FOR PRESS MOLDING A HEATED METAL PLATE MATERIAL	NIPPON STEEL & SUMITOMO METAL CORPORATION	03/08/2007	DELHI
82	269560	5022/DELNP/2008	17/11/2006	23/11/2005	SPIROCYCLIC COMPOUNDS AS HDAC INHIBITORS	MERCK SHARP & DOHME CORP	26/09/2008	DELHI
83	269565	IN/PCT/2001/0018 5/DEL	09/08/1999	11/08/1998	SUSPENSION CONCENTRATE FORMULATION CONTAINING PYRIMETHANIL	BAYER CROPSCIENCE GMBH	11/03/2005	DELHI
84	269567	985/DEL/2011	06/04/2011 11:46:09	08/04/2010	OPACIFYING PARTICLES AND COMPOSITIONS FORMED THEREFROM	ROHM AND HAAS COMPANY	08/06/2012	DELHI
85	269568	4430/DELNP/2009	03/01/2008	29/01/2007	METHOD OF MARKING HEAT TREATED COATED ARTICLE USING DIAMOND-LIKE CARBON (DLC) COATING AND PROTECTIVE FILM	GUARDIAN INDUSTRIES CORP.,CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE S.A. (C.R.V.C)	19/02/2010	DELHI
86	269571	8397/DELNP/2009	30/06/2008	29/06/2007	METHOD TO PREPARE SUPERHYDROPHOBIC SURFACES ON SOLID BODIES BY RAPID EXPANSION SOLUTIONS	CELLUTECH AB	16/07/2010	DELHI
87	269572	3115/DELNP/2007	26/10/2005	16/11/2004	FILM GRAIN SIMULATION METHOD BASED ON PRE- COMPUTED TRANSFORM COEFFICIENTS	THOMSON LICENSING	31/08/2007	DELHI

88	269579	2386/DELNP/2009	06/11/2007	14/11/2006	COATED REACTORS, PRODUCTION METHOD THEREOF AND USE OF SAME	ARKEMA FRANCE	20/08/2010	DELHI
89	269580	669/DELNP/2009	19/07/2007	28/07/2006	PROCESS FOR CONTINUOUS PRODUCTION OF LARGE CRYSTAL PRODUCTS	DSM IP ASSETS B.V.	15/05/2009	DELHI
90	269586	3019/DEL/2010	20/12/2010 11:25:12	22/12/2009	COMPOUNDS, THEIR	DOW GLOBAL TECHNOLOGIES LLC,ANGUS CHEMICAL COMPANY	04/10/2013	DELHI
91	269588	3058/DELNP/2004	15/04/2003	19/04/2002	A PROCESSOR FOR ESTABLISHING TIMING SYNCHRONIZATION	M/S. THOMSON LICENSING S.A	09/10/2009	DELHI
92	269590	5962/DELNP/2010	23/01/2009	24/01/2008	METHOD AND MEDIUM FOR DETECTING THE PRESENCE OR ABSENCE OF STAPHYLOCOCCUS AUREUS IN A TEST SAMPLE	PILOTS POINT LLC	25/03/2011	DELHI
93	269592	6532/DELNP/2009	27/02/2008	28/05/2007	RESIN COMPOSITIONS FOR WRINKLE- PATTERN PAINT PURPOSES	BASF COATINGS JAPAN LTD.	11/06/2010	DELHI
94	269594	1241/DEL/2005	13/05/2005		A SINGLE UNIT ANTIBIOTIC COMPOSITION COMPRISING TOBRAMYCIN AND BETALACTAM ANTIBIOTIC FOR MULTIDRUG RESISTANT PSEUDOMONAS INFECTIONS	VENUS REMEDIES LIMITED	18/08/2006	DELHI
95	269600	325/DEL/2005	15/02/2005	31/03/2004	A POWER PLANT INCLUDING AN INTERNAL COMBUSTION ENGINE WITH A COMPRESSION RATIO VARIABLE SYSTEM	HONDA MOTOR CO., LTD.	29/12/2006	DELHI
96	269609	1433/DELNP/2007	20/10/2005	20/10/2004	CONTINUOUS EXTRUSION APPARATUS	BWE LIMITED	03/08/2007	DELHI
97	269610	8561/DELNP/2008	01/01/1900	20/05/2002	4'-CHLORO-3'- (4ETHOXYBENZYL)BIPH ENYL COMPOUND OR STEREOISOMERS THEREOF	BRISTOL MYERS SQUIBB COMPANY	01/05/2009	DELHI

98	269611	1151/DEL/2006	09/05/2006 16:33:09		SYNTHESIS OF BENZIMIDAZOLE DERIVATIVES AS ANGIOTENSIN II RECEPTOR ANTAGONISTS.	PUNJABI UNIVERSITY	23/11/2007	DELHI
99	269612	8289/DELNP/2009	25/06/2008	27/06/2007	METHOD OF MAKING CHLOROHYDRINS	H R D CORPORATION	16/07/2010	DELHI
100	269613	1/DEL/2005	03/01/2005	06/02/2004	TURBO-JET ENGINE WITH FAN INTEGRAL WITH A DRIVE SHAFT SUPPORTED BY FIRST AND SECOND BEARINGS	SNECMA	08/12/2006	DELHI
101	269614	801/DEL/2005	31/03/2005		A DEVICE FOR PORVIDING CENTERLINES IN A CONTINUOUS MANNER DURING CONSTRUCTION IN UNDER GROUND MINES/TUNNELS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
102	269615	7687/DELNP/2009	16/07/2008	30/08/2007	ORAL CARE STRIP OR TAPE AND METHODS OF USE AND MANUFACTURE THEREOF	COLGATE-PALMOLIVE COMPANY	25/06/2010	DELHI
103	269616	869/DEL/2006	28/03/2006	25/04/2005	CRANKCASE LOWER PART	MAN TRUCK & BUS OSTERREICH AG	31/08/2007	DELHI
104	269617	1526/DELNP/2008	07/06/2006	12/09/2005	SILICA-CONTAINING NUCLEATING AGENT COMPOSITIONS AND METHODS FOR USING SUCH COMPOSITIONS IN POLYOLEFINS	MILLIKEN & COMPANY	20/06/2008	DELHI
105	269618	3651/DELNP/2009	04/12/2007	07/12/2006	ITQ-34, A NEW CRYSTALLININE MICROPOROUS MATERIAL	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	16/04/2010	DELHI
106	269619	502/DEL/2010	05/03/2010 11:51:35	11/03/2009	COMPOSITION FOR FABRIC TREATMENT	ROHM AND HAAS COMPANY	17/09/2010	DELHI
107	269622	2134/DELNP/2009	23/10/2007	31/10/2006	OZONE STABLE INK-JET INKS	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	20/08/2010	DELHI
108	269624	4169/DELNP/2009	18/01/2008	19/01/2007	POLYPROPYLENE- BASED RESIN COMPOSITION AND MOLDED ARTICLE THEREOF	BOREALIS TECHNOLOGY OY	09/04/2010	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)	Appropria te Office
1	269393	2340/MUM/2007	28/11/2007 15:55:04		AN EQUIPMENT FOR A CHARGE/DISCHARGE TEST OF A METALLISED FILM CAPACITOR TO DETERMINE ITS CURRENT HANDLING CAPACITY	CTR MANUFACTURING INDUSTRIES LTD.	25/01/2008	MUMBAI
2	269410	78/MUMNP/2009	31/07/2007	31/07/2006	METHOD AND APPARATUS FOR MODIFYING A WINDOW WITH A FRAME ASSOCIATED WITH AN AUDIO SIGNAL •	QUALCOMM INCORPORATED	15/05/2009	MUMBAI
3	269417	977/MUM/2007	24/05/2007		WHEEL SET FOR TWO WHEELER VEHICLE	ANJARA RAGHAVBHAI DUDA	27/06/2008	MUMBAI
4	269428	344/MUMNP/200 8	25/08/2006	26/08/2005	SURGICAL SCAFFOLD	WEST HERTFORDSHIRE HOSPITALS NHS TRUST	22/08/2008	MUMBAI
5	269432	2009/MUMNP/20 07	08/05/2006	06/05/2005	DIALYSIS MACHINE	QUANTA FLUID SOLUTIONS LIMITED	25/01/2008	MUMBAI
6	269433	1596/MUM/2007	20/08/2007		DRY FILM COATING COMPOSITIONS BASED ON TRIBASIC CALCIUM PHOSPHATE	IDEAL CURES PRIVATE LIMITED	19/06/2009	MUMBAI
7	269437	4/MUMNP/2007	16/06/2005	17/06/2004	SECURE METHOD TO TRANSMIT A MESSAGE CONTAINING A PROGRAM BLOCK TO A SECURITY MODULE	NAGRAVISION SA	13/07/2007	MUMBAI
8	269441	2393/MUM/2010	27/08/2010 15:34:26		NOVEL AMIDO-AMINE BASED COMPOUNDS USEFUL AS SURFACTANTS	INSTITUTE OF CHEMICAL TECHNOLOGY	07/02/2014	MUMBAI
9	269442	1298/MUMNP/20 11	22/12/2009	22/12/2008	SYSTEM AND METHOD FOR FILTERING	KOLON INDUSTRIES, INC.	17/08/2012	MUMBAI
10	269452	1602/MUMNP/20 08	26/02/2007	24/02/2006	METHODS AND APPARATUS FOR PROTECTED DISTRIBUTION OF APPLICATIONS AND MEDIA CONTENT	QUALCOMM INCORPORATED	26/09/2008	MUMBAI

11	269455	176/MUM/2010	22/01/2010 15:20:39		A BALLOON CATHETER ASSEMBLY FOR TREATING BIFURCATION LESIONS	CONCEPT MEDICAL RESEARCH PRIVATE LIMITED,ENVISION SCIENTIFIC PRIVATE LIMITED.	27/01/2012	MUMBAI
12	269465	2180/MUMNP/20 08	07/02/2007	15/06/2006	SWITCHING CIRCUIT FOR PROVIDING GROUND FAULT PROTECTION	SHAKIRA LIMITED	16/01/2009	MUMBAI
13	269473	433/MUM/2007	07/03/2007		A METHOD & APPARATUS FOR MANUFACTURING A COMPOSITE FABRIC AND A COMPOSITE FABRIC THEREOF	ARVIND LIMITED	15/02/2008	MUMBAI
14	269474	276/MUM/2008	08/02/2008 14:43:25		AN IMPROVED AIR INTAKE SYSTEM FOR VEHICLES	TATA MOTORS LIMITED	18/04/2008	MUMBAI
15	269482	862/MUMNP/200 9	12/10/2007	13/10/2006	IMPROVED FIELD DEVICE CALIBRATION •	FISHER-ROSEMOUNT SYSTEMS INC.	22/05/2009	MUMBAI
16	269487	807/MUMNP/2009	26/10/2007	26/10/2006	RISK STRATIFICATION FOR ACUTE CORONARY SYNDROME BY MEANS OF FRAGMENTS/PARTIAL PEPTIDES OF PROVASOPRESSIN ESPECIALLY COPEPTIN OR NEUROPHYSIN II	BRAHMS AKTIENGESELLSCHAF T	03/07/2009	MUMBAI
17	269491	795/MUMNP/2010	24/09/2008	24/09/2008	FLAKES MADE OF MATERIALS SUCH AS GLASS	WATKINSON, CHARLES	02/12/2011	MUMBAI
18	269495	1261/MUM/2007	03/07/2007		PERFUMED TEXTILE FIBER	ADITYA BIRLA SCIENCE & TECHNOLOGY CO. LTD.	12/06/2009	MUMBAI
19	269505	2333/MUM/2008	03/11/2008 11:00:39		AN APPARATUS FOR GENERATION OF COLLIMATED HOLLOW LASER BEAM	DEPARTMENT OF ATOMIC ENERGY	15/05/2009	MUMBAI
20	269507	2678/MUMNP/2008	18/06/2007	20/06/2006	METHOD OF OPERATING A RADIO COMMUNICATION SYSTEM	NOKIA SOLUTIONS AND NETWORKS GMBH & CO. KG	20/03/2009	MUMBAI
21	269530	1452/MUM/2007	31/07/2007 11:00:52		DEVICE FOR SHEET METAL CUTTING BY FIBER LASER WITH LINEAR MOTOR	ALP MULTITECH PVT. LTD.	03/04/2009	MUMBAI
22	269533	1454/MUMNP/2009	03/02/2008	01/02/2007	METHOD FOR PREPARING PARTICLES COMPRISING METAL OXIDE COATING AND PARTICLES WITH METAL OXIDE COATING	SOL-GEL TECHNOLOGIES LTD	19/03/2010	MUMBAI
23	269540	81/MUM/2010	11/01/2010 16:22:31		A TUNABLE DISTRIBUTED VOLTAGE CONTROLLED OSCILLATOR FOR GENERATING HIGH FREQUENCY MICROWAVE SIGNALS	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY	10/02/2012	MUMBAI

24	269550	1230/MUM/2010	13/04/2010 16:26:32		A PROCESS FOR THE PREPARATION OF NYLON 6 DISCRETE FIBERS FOR SECONDARY REINFORCEMENT IN CONCRETE AND PLASTER APPLICATIONS	GUJARAT STATE FERTILIZERS & CHEMICALS LIMITED	10/08/2012	MUMBAI
25	269555	1112/MUMNP/20 10	10/07/2008	24/12/2007	A PROCESS FOR PREPARATION OF CRYSTALLINE FORM IV OF DOXAZONE	CIPLA LIMITED	24/09/2010	MUMBAI
26	269559	2457/MUM/2010	03/09/2010 15:24:35		A CATALYST COMPOSITION FOR HYDROPURIFICATION OF CRUDE TEREPHTHALIC ACID AND A METHOD THEREOF	RELIANCE INDUSTRIES LIMITED	13/09/2013	MUMBAI
27	269566	2433/MUM/2008	18/11/2008		A PROCESS FOR SYNTHESIS OF 2,4- DICHLORO-5- FLUOROACETOPHENONE (DCFA)	ADITYA BIRLA SCIENCE & TECHNOLOGY CO LTD	13/08/2010	MUMBAI
28	269585	737/MUM/2009	30/03/2009	28/03/2008	CONTROL APPARATUS FOR A GENERATOR OF A VEHICLE	SUZUKI MOTOR CORPORATION	03/12/2010	MUMBAI
29	269589	1343/MUMNP/20 09	07/08/2008	22/08/2007	EXHAUST GAS TREATMENT CATALYST AND EXHAUST GAS TREATMENT SYSTEM	MITSUBISHI HEAVY INDUSTRIES LTD.	03/08/2012	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 Num ber	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	269381	5266/CHENP/2007	19/05/2006	20/04/2005	PROCESS FOR PREPARING DICHLOROPROPANOL	SOLVAY (SOCIETE ANONYME)	27/06/2008	CHENNAI
2	269383	3363/CHENP/2006	17/02/2005	17/02/2004	LIPASE ACTIVITY INHIBITORS CONTAINING HIGH- MOLECULAR WEIGHT POLYPHENOL FRACTIONS, TEA EXTRACTS, AND PROCESSES FOR PRODUCING THE SAME	SUNTORY HOLDINGS LIMITED	22/06/2007	CHENNAI
3	269385	5667/CHENP/2008	13/03/2007	21/03/2006	PROCESS FOR PREPARING AN AMINE	BASF SE	27/03/2009	CHENNAI
4	269388	2984/CHE/2009	03/12/2009 15:38:58	05/12/2008	RECORDING APPARATUS	CANON KABUSHIKI KAISHA	23/07/2010	CHENNAI
5	269390	2511/CHENP/2007	05/12/2005	10/12/2004	MEDICAL DEVICE	3M INNOVATIVE PROPERTIES COMPANY	07/09/2007	CHENNAI
6	269394	6249/CHENP/2008	18/05/2007	19/05/2006	PIPERIDINE DERIVATIVES AS HUMAN PAPILLOMA VIRUS INHIBITORS	ANACONDA PHARMA	27/03/2009	CHENNAI
7	269398	6629/CHENP/2008	02/05/2007	02/05/2006	ABSORPTION COOLING DEVICE AND ASSOCIATED MOTOR VEHICLE	ECOCLIM S.A.,PEUGEOT CITROEN AUTOMOBILES SA	27/03/2009	CHENNAI
8	269399	4678/CHENP/2008	01/04/2004	02/04/2003	A PROCESS FOR PREPARING 5-[(R)-2-(5,6- DIETHYL-INDAN-2- YLAMINO)-1-HYDROXY- ETHYL] -8- HYDROXY- (1H)-QUINOLINONE-2- ONE SALTS	NOVARTIS AG	13/03/2009	CHENNAI
9	269400	6201/CHENP/2011	02/02/2010	02/02/2009	METHOD FOR AMPLIFICATION OF A SPECIFIC MICRO-RNA SPECIES	EXIQON A/S	23/11/2012	CHENNAI
10	269401	3973/CHENP/2009	25/07/2008	09/08/2007	AUTOMOTIVE VEHICLE HAVING ENGINE AIR GUIDE PASSAGE	HONDA MOTOR CO.,LTD.	21/08/2009	CHENNAI
11	269402	1108/CHENP/2008	29/08/2006	08/09/2005	STORAGE-STABLE SULFONAMIDE FORMULATIONS	BAYER CROPSCIENCE AG	12/09/2008	CHENNAI

12	269403	541/CHE/2006	24/03/2006	24/03/2005	A COLUMN FOR MASS EXCHANGE BETWEEN A LIQUID AND A GAS	Linde Aktiengesellschaft	22/06/2007	CHENNAI
13	269405	613/CHE/2007	26/03/2007 15:02:19		A CENTRIFUGAL CLUTCH	TVS MOTOR COMPANY LIMITED	05/12/2008	CHENNAI
14	269407	6129/CHENP/2008	07/05/2007	11/05/2006	APPLICATION ELEMENT FOR A ROTARY SPRAYER AND ASSOCIATED OPERATING METHOD	Durr Systems GmbH	27/03/2009	CHENNAI
15	269408	4474/CHENP/2008	28/02/2006	28/02/2006	INJECTOR PISTON NEST	DAIKYO SEIKO, LTD.,WEST PHARMACEUTICAL SERVICES, INC.	13/03/2009	CHENNAI
16	269409	1600/CHENP/2007	20/09/2005	20/10/2004	SYSTEM AND METHOD FOR INSPECTING AND SORTING MOLDED CONTAINERS	Owens-Brockway Glass Container Inc.	31/08/2007	CHENNAI
17	269411	5764/CHENP/2008	18/04/2007	26/04/2006	METHOD FOR PREPARATION OF OXYSULFIDE AND FLUORINATED ORGANIC DERIVATIVES	RHODIA OPERATIONS	27/03/2009	CHENNAI
18	269412	7070/CHENP/2008	18/05/2007	23/05/2006	BEARING ARRANGEMENT AND METERING VALVE AND SUCTION DEVICE THEREFOR	LINCOLN GMBH	27/03/2009	CHENNAI
19	269413	6600/CHENP/2008	20/04/2007	31/05/2006	METHOD AND APPARATUS FOR FORMING A SELVEDGE ON A GRIPPER WEAVING MACHINE	LINDAUER DORNIER GESELLSCHAFT MBH	27/03/2009	CHENNAI
20	269415	1725/CHENP/2010	29/08/2008	29/08/2007	METHOD FOR PRODUCTION OF CAROTENOID	NIPPON OIL CORPORATION	20/08/2010	CHENNAI
21	269418	1562/CHE/2008	26/06/2008 16:46:46		FLEXIBLE MEMBRANE GLANDPLATE	SCHNEIDER ELECTRIC INDUSTRIES SAS	01/01/2010	CHENNAI
22	269420	897/CHENP/2009	17/07/2007	20/07/2006	INTAKE APPARATUS FOR INTERNAL COMBUSTION ENGINE	AISIN SEIKI KABUSHIKI KAISHA	29/05/2009	CHENNAI
23	269425	65/CHE/2009	09/01/2009 16:43:59		CYCLIC COMPOUNDS AS DIPEPTIDYL PEPTIDASE IV INHIBITORS	ORCHID CHEMICALS AND PHARMACEUTICALS LIMITED	27/05/2011	CHENNAI
24	269426	1293/CHENP/2009	07/08/2007	08/08/2006	CYCLIC ANGIOTENSIN ANALOGS	LANTHIOPEP B.V.	26/06/2009	CHENNAI
25	269449	6410/CHENP/2010	08/04/2009	11/04/2008	OPTICALLY ACTIVE DIBENZAZEPINE DERIVATIVES	NIPPON SODA CO., LTD.	10/06/2011	CHENNAI
26	269450	1436/CHE/2005	07/10/2005		A PHARMACEUTICAL COMPOSITION WITH BIOAVAILABILITY ENHANCERS FOR EXTENDED ANTIBACTERIAL ACTION AND SUSTAINED RELEASE OF CEFADROXIL AND CLAVULANIC ACID IN A BILAYER TABLET	SRINIVAS JEGANNATHAN	05/10/2007	CHENNAI

27	269451	2269/CHE/2009	18/09/2009 15:49:06	19/09/2008	CYLINDER APPARATUS	NISSIN KOGYO CO., LTD.	09/07/2010	CHENNAI
28	269462	759/CHENP/2008	26/06/2006	15/07/2005	HIGH PHOSPHOROUS POISONING RESISTANT CATALYSTS FOR TREATING AUTOMOBILE EXHAUST	BASF CATALYSTS LLC	28/11/2008	CHENNAI
29	269463	677/CHE/2010	15/03/2010 15:13:43	19/03/2009	AUTOMATIC TRANSMISSION FOR VEHICLE PROVIDED WITH PLANETARY GEAR MECHANISM	HONDA MOTOR CO., LTD.	01/10/2010	CHENNAI
30	269464	814/CHE/2005	28/06/2005		PROCESS FOR PREPARING AN INDOLE COMPOUND	AUROBINDO PHARMA LIMITED	09/05/2008	CHENNAI
31	269466	486/CHENP/2009	22/05/2007	29/06/2006	IMPROVED CMOS DEVICES WITH STRESSED CHANNEL REGIONS, AND METHODS FOR FABRICATING THE SAME	INTERNATIONAL BUSINESS MACHINES CORPORATION	05/06/2009	CHENNAI
32	269467	306/CHENP/2003	30/08/2001	01/09/2000	HYDROXAMATE COMPOUNDS AS DEACETYLASE INHIBITORS	NOVARTIS AG	04/03/2005	CHENNAI
33	269468	2255/CHE/2006	06/12/2006 12:18:46		AN IMPROVED PROCESS FOR THE PREPARATION OF ZALEPLON	ORCHID CHEMICALS & PHARMACEUTICALS LTD	02/04/2010	CHENNAI
34	269480	966/CHENP/2009	24/07/2007	24/08/2006	VEHICULAR CYLINDER LOCK SYSTEM	KABUSHIKI KAISHA HONDA LOCK	29/05/2009	CHENNAI
35	269486	5281/CHENP/2009	10/03/2008	09/03/2007	DEVICE FOR THICKNESS MEASUREMENT AND METHOD THEREFOR	SMS GROUP GMBH	06/11/2009	CHENNAI
36	269488	5932/CHENP/2008	01/05/2007	02/05/2006	PROCESS COMPOSITIONS AND PRODUCTION OF ACYL ALKYLISETHIONATE COMPOSITIONS	HUNTSMAN PETROCHEMICAL LLC	27/03/2009	CHENNAI
37	269489	394/CHENP/2009	21/12/2004	22/12/2003	COMPOSITION FOR THE IMPREGNATION OF FIBERS, FABRICS AND NETTINGS IMPARTING A PROTECTIVE ACTIVITY AGAINST PESTS	BASF AKTIENGESELLSCHAFT	05/06/2009	CHENNAI
38	269490	5772/CHENP/2008	22/03/2007	24/03/2006	TRIAZOLONE DERIVATIVE	EISAI R&D MANAGEMENT CO; LTD.	27/03/2009	CHENNAI
39	269499	5750/CHENP/2009	14/02/2008	30/03/2007	METHOD FOR THE NEMATOCIDAL TREATMENT OF PLANTS USING EUGENOL AND LECITHINE(S) AND/OR DERIVATIVES THEREOF	XEDA INTERNATIONAL	25/12/2009	CHENNAI

40	269500	4543/CHENP/2010	22/12/2008	28/12/2007	PE-BASED CROSSLINKED ELASTOMERIC FOAM WITH HIGH FILLER LOADINGS AND METHOD FOR FORMING THE SAME	DOW GLOBAL TECHNOLOGIES LLC	28/01/2011	CHENNAI
41	269501	1284/CHE/2008	26/05/2008 16:55:36		AN IMPROVED PROCESS FOR PREPARING MONTELUKAST AND SALTS THEREOF	LAURUS LABS PVT LTD	04/12/2009	CHENNAI
42	269502	1878/CHENP/2008	18/09/2006	16/09/2005	IMPROVEMENTS IN OR RELATING TO COSMETIC COMPOSITIONS	RECKITT BENCKISER (UK) LIMITED	23/01/2009	CHENNAI
43	269504	3647/CHENP/2007	20/01/2006	21/01/2005	4-(2,6-DICHLORO- BENZOYLAMINO)-1H- PYRAZOLE-3-CARBOXYLIC ACID PIPERIDIN-4- YLAMIDE ACID ADDITION SALTS AS KINASE INHIBITORS	ASTEX THERAPEUTICS LIMITED	16/11/2007	CHENNAI
44	269516	677/CHENP/2008	09/08/2005	09/08/2005	AN EMERGENCY DISCONNECTION SYSTEM FOR A FLUID LOADING ARM	FMC TECHNOLOGIES S.A.	28/11/2008	CHENNAI
45	269522	2553/CHE/2008	17/10/2008 16:24:42		PROCESS FOR THE PREPARATION OF STILBENE COMPOUNDS	LAURUS LABS PRIVATE LTD	14/10/2011	CHENNAI
46	269527	4607/CHENP/2007	06/04/2006	06/04/2005	MOLECULAR CHARACTERIZATION WITH CARBON NANOTUBE CONTROL	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	11/01/2008	CHENNAI
47	269528	2263/CHENP/2009	24/09/2007	25/09/2006	COAXIAL CABLE	BOREALIS TECHNOLOGY OY	02/04/2010	CHENNAI
48	269529	592/CHENP/2008	17/07/2006	15/07/2005	FIRE RESISTANT ELECTRICAL CABLE SPLICE	ROCKBESTOS SURPRENANT CABLE CORP.	11/06/2010	CHENNAI
49	269532	1585/CHENP/2008	21/08/2006	31/08/2005	A PROCESS FOR PREPARING AROMATIC AMINES BY CATALYTIC HYDROGENATION OF NITRO COMPOUNDS	BASF SE	28/11/2008	CHENNAI
50	269535	4472/CHENP/2009	28/03/2007	28/03/2007	IN-VEHICLE AC GENERATOR	MITSUBISHI ELECTRIC CORPORATION	11/09/2009	CHENNAI
51	269536	4181/CHENP/2006	12/04/2005	13/04/2004	SALTS OF ARTESUNATE WITH MEFLOQUINE AND PRIMAQUINE AND PROCESS FOR THEIR PREPARATION	FUNDACAO OSWALDO CRUZ-FIOCRUZ	22/06/2007	CHENNAI
52	269541	6696/CHENP/2008	04/06/2007	05/06/2006	COMPOSITION AND INJECTION MOLDED	SUMITOMO CHEMICAL COMPANY, LIMITED,TOYOTA JIDOSHA KABUSHIKI KAISHA	27/03/2009	CHENNAI

53	269544	4357/CHENP/2008	15/01/2007	23/01/2006	IMPROVEMENTS TO AN ENGINE WITH VARIABLE VOLUMETRIC RATIO	VAN AVERMAETE, GILBERT,LUCIEN, CHARLES, HENRI, LOUIS	13/03/2009	CHENNAI
54	269545	1757/CHE/2009	06/11/2002	14/11/2001	AN AIR ASSISTED SPRAY NOZZLE	SPRAYING SYSTEMS CO.	02/07/2010	CHENNAI
55	269546	4480/CHENP/2010	20/01/2009	21/01/2008	AIR POLLUTION CONTROL SYSTEM AND METHOD FOR COAL COMBUSTION BOILER	MITSUBISHI HEAVY INDUSTRIES, LTD	28/01/2011	CHENNAI
56	269547	2837/CHE/2007	30/11/2007 17:05:52		A METHOD OF PROVIDING BACKUP TO CONTENT OF MOBILE PHONE USING A MULTI- FUNCTIONAL PERIPHERAL	SAMSUNG R&D INSTITUTE INDIA - BANGALORE Pvt. Ltd.	11/09/2009	CHENNAI
57	269548	881/CHENP/2010	17/08/2007	17/08/2007	"AGITATOR MILL"	BUHLER AG	06/08/2010	CHENNAI
58	269549	3403/CHENP/2008	29/11/2006	01/12/2005	PROCESS FOR THE MANUFACTURE OF EPOXYBUTANOL INTERMEDIATES	BASILEA PHARMACEUTICA AG	06/03/2009	CHENNAI
59	269551	628/CHENP/2009	02/08/2007	03/08/2006	WEDGE DRIVE WITH POSITIVE-ACTION RETURN DEVICE	WEIGELT, HARALD	05/06/2009	CHENNAI
60	269553	6951/CHENP/2009	24/04/2008	27/04/2007	AUSTENITIC STAINLESS STEEL EXCELLENT IN INTERGRANULAR CORROSION RESISTANCE AND STRESS CORROSION CRACKING RESISTANCE, AND METHOD FOR PRODUCING AUSTENITIC STAINLESS STELL	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	09/04/2010	CHENNAI
61	269556	3117/CHE/2009	16/12/2009 15:22:40	25/12/2008	ENGINE LOAD DETECTOR AND ENGINE LOAD DETECTING METHOD	HONDA MOTOR CO., LTD.	02/07/2010	CHENNAI
62	269558	3318/CHENP/2007	30/01/2006	28/01/2005	ROOM ARRANGEMENT, SHIP, BUILDING AND METHOD FOR CONSTRUCTING A ROOM ARRANGEMENT	NEAPO OY,STX FINLAND OY	09/11/2007	CHENNAI
63	269561	3234/CHENP/2007	19/12/2005	22/12/2004	SHAVING APPARATUS	KONINKLIJKE PHILIPS ELECTRONICS N.V.	16/11/2007	CHENNAI
64	269562	554/CHE/2008	05/03/2008 14:56:54		TEST INJECTOR FOR CALIBRATION OF FUEL INJECTION PUMPS WITH HOLE-TYPE NOZZLE IN LIEU OF PINTLE TYPE NOZZLE	Robert Bosch GmbH	11/06/2010	CHENNAI
65	269563	6910/CHENP/2008	26/04/2007	16/05/2006	A GEAR ASSEMBLY WITH A LUBRICATING DEVICE FOR A GEAR WHEEL	Lincoln GmbH	27/03/2009	CHENNAI

66	269564	4478/CHENP/2008	09/02/2007	28/02/2006	A METHOD FOR MAKING A LITHOGRAPHIC PRINTING PLATE SUPPORT	AGFA GRAPHICS NV	13/03/2009	CHENNAI
67	269569	5559/CHENP/2009	24/04/2009	11/05/2008	A SYSTEM AND METHOD FOR SHARING INFORMATION BETWEEN WIRELESS COMMUNICATION DEVICES	Nokia Corporation	11/06/2010	CHENNAI
68	269573	2836/CHE/2007	30/11/2007 17:05:52		A METHOD TO PROVIDE SERVICES IN IP MULTIMEDIA SUB- SYSTEM (IMS) VOIP NETWORK	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
69	269574	3869/CHENP/2009	30/11/2007	04/12/2006	TEMPERATURE SENSOR CONFIGURATION DETECTION IN PROCESS VARIABLE TRANSMITTER	ROSEMOUNT INC	21/08/2009	CHENNAI
70	269578	804/CHENP/2008	11/07/2006	18/07/2005	METHODS FOR MAKING UNIFORM NANOEMULSIONS	UNIVERSITY OF MASSACHUSETTS LOWELL	12/06/2009	CHENNAI
71	269583	505/CHENP/2007	29/07/2005	05/08/2004	PROCESS FOR STORING OF MESSAGES IN A MESSAGE RAM AND FOR A MESSAGE RAM	ROBERT BOSCH GMBH	24/08/2007	CHENNAI
72	269593	2017/CHENP/2008	23/10/2006	25/10/2005	AMINODIHYDROTHIAZI NE OR AMINODIHYDROOXAZI NE COMPOUNDS	Shionogi & Co., Ltd.	06/02/2009	CHENNAI
73	269598	3118/CHENP/2007	19/12/2005	06/01/2005	PULL-TAB SEALING MEMBER WITH IMPROVED HEAT DISTRIBUTION FOR A CONTAINER	SELIG SEALING PRODUCTS, INC.	07/09/2007	CHENNAI
74	269599	4333/CHENP/2007	08/02/2006	01/04/2005	DRIVING SYSTEM OF A SELF-DRIVING CABLEWAY CAR	INNOVA PATENT GMBH	25/01/2008	CHENNAI
75	269601	2262/CHE/2006	06/12/2006	07/12/2005	METHOD FOR AT- FACTORY PRE- ASSEMBLY OF A TRANSPORTATION SYSTEM, AND ASSEMBLY PLANT FOR MANUFACTURING A TRANSPORTATION SYSTEM	INVENTIO AG	07/12/2007	CHENNAI
76	269602	4907/CHENP/2008	15/02/2007	17/02/2006	A METHOD FOR PROVIDING ANTI- BIOCONTAMINANT EFFECT TO A TARGET METERIAL AND PRODUCTS THEREOF	DYNAMIC ADSORBENTS, INC.,	13/03/2009	CHENNAI

77	269603	1416/CHENP/2008	26/10/2006	26/10/2005	NEW CYCLIC PEPTIDE COMPOUNDS	ASTELLAS PHARMA INC	28/11/2008	CHENNAI
78	269604	2845/CHENP/2007	23/12/2005	27/12/2004	ELECTRODELESS INCANDESCENT BULB	CERAVISION LIMITED	07/09/2007	CHENNAI
79	269606	2925/CHENP/2007	30/11/2005	30/11/2004	MATERIAL CUTTER WITH A SELECTABLE CUTTING PROFILE	PANDUIT CORP.	07/09/2007	CHENNAI
80	269620	2319/CHE/2009	24/09/2009 14:31:50	30/09/2008	SADDLE-RIDE ELECTRIC VEHICLE	HONDA MOTOR CO., LTD.	09/04/2010	CHENNAI
81	269621	1782/CHENP/2008	10/10/2006	11/10/2005	METHODS OF FORMING SHEETING WITH A COMPOSITE IMAGE THAT FLOATS AND SHEETING WITH A COMPOSITE IMAGE THAT FLOATS	3M INNOVATIVE PROPERTIES COMPANY	26/12/2008	CHENNAI
82	269623	3113/CHE/2009	16/12/2009 15:22:39	25/12/2008	SADDLE-RIDE TYPE VEHICLE	HONDA MOTOR CO., LTD	13/08/2010	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 mb er	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269396	4219/KOLNP/2008	03/04/2007	13/04/2006	METHOD AND DEVICE FOR TREATING BOTTLES OR SIMILAR CONTAINERS	KHS GMBH	06/03/2009	KOLKATA
2	269397	1045/KOL/2006	11/10/2006 15:09:12	17/10/2005	METHODS FOR MEASURING PHYSIOLOGICAL FLUIDS	LIFESCAN, INC	29/06/2007	KOLKATA
3	269469	1070/KOL/2006	16/10/2006	21/11/2005	METHOD FOR ESTIMATING TRANSMISSION INPUT TORQUE	GENERAL MOTORS CORPORATION	29/06/2007	KOLKATA
4	269503	2620/KOLNP/2006	21/02/2005	23/03/2004	A COVERING PANEL FOR FLOORS, WALLS, CEILINGS OR SIMILAR PURPOSES HAVING GROOVES WITH A DETENT RECESS INSIDE AND A TONGUE HAVING A BEAD FORMED IN IT, WHICH ACT AS LOCKING DEVICE	KAINDL FLOORING GMBH	01/06/2007	KOLKATA
5	269506	2810/KOLNP/2007	09/01/2006	10/01/2005	METHOD AND DEVICE FOR MANDIBULAR ADVANCEMENT	YAN GUOPING	07/09/2007	KOLKATA
6	269509	601/KOLNP/2005	26/09/2003	07/10/2002	A COMPOSITE MATERIAL	KENNAMETAL WIDIA PRODUKTIONS GMBH & CO. KG.	13/07/2007	KOLKATA
7	269510	2871/KOLNP/2007	31/01/2006	31/01/2005	ELECTRICALLY INSULATED SURGICAL NEEDLE ASSEMBLY	WARSAW ORTHOPEDIC, INC.	07/09/2007	KOLKATA
8	269511	436/KOL/2006	11/05/2006		A SYSTEM AND METHOD FOR FAST EVACUATION OF STICKY IRON ORE FINES FROM WAGONS USING A WAGON SHAKER	TATA STEEL LIMITED	10/04/2009	KOLKATA
9	269513	3792/KOLNP/2006	14/07/2005	16/07/2004	KNITTED GLOVE WITH DIFFERENT STITCH SETUP IN DIFFERENT SECTIONS, AND METHOD OF MAKING SUCH A GLOVE	ANSELL HEALTHCARE PRODUCTS LLC	15/06/2007	KOLKATA

10	269515	1221/KOL/2006	15/11/2006	17/01/2006	PRESSURE REGULATOR VALVE WITH BOOST FEATURE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/04/2009	KOLKATA
11	269517	865/KOL/2007	11/06/2007		DEVELOPMENT OF ULTRA HIGH STRENGTH STEEL FROM MARTENSITE STARTING MICROSTRUCTURE	TATA STEEL LIMITED	19/06/2009	KOLKATA
12	269520	948/KOL/2008	28/05/2008	11/07/2007	AN IMPROVED TRANSMISSION HAVING FOUR PLANETARY GEAR SETS CONTROLLED TO PROVIDE EIGHT FORWARD SPEED RATIOS AND ONE REVERSE SPEED RATIO	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
13	269525	2171/KOLNP/2010	23/02/2009	27/02/2008	CARBURIZATION RESISTANT METAL MATERIAL	NIPPON STEEL & SUMITOMO METAL CORPORATION	08/10/2010	KOLKATA
14	269552	590/KOL/2007	16/04/2007 15:27:56	24/04/2006	MOBILE COMMUNICATION TERMINAL AND METHOD FOR TRANSMISSION OF IMAGE IN MOBILE MESSENGER SERVICE	SAMSUNG ELECTRONICS CO., LTD.	02/11/2007	KOLKATA
15	269570	1247/KOL/2008	22/07/2008	01/08/2007	SWITCHABLE VALVETRAIN SYSTEM AND METHOD OF OPERATION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
16	269575	3861/KOLNP/2007	26/04/2006	26/04/2005	A FLUIDIZED BED REACTOR MADE UP OF TUBED MEMBRANE WALLS WITH DOUBLE WALL EXTENSION	ALSTOM TECHNOLOGY LTD.	18/07/2008	KOLKATA
17	269576	2388/KOLNP/2008	15/11/2006	16/11/2005	APPARATUS FOR FIXING A STEEL WIRE OF A WALE	SUPPORTEC CO., LTD.	23/01/2009	KOLKATA
18	269577	1334/KOL/2006	11/12/2006	31/01/2006	DRIVELINE CLUNK DETECTION AND CONTROL	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/08/2007	KOLKATA
19	269581	1871/KOLNP/2010	08/12/2008	20/12/2007	A PIPE AND A PROCESS FOR PRODUCING A COATED PIPE	BOREALIS TECHNOLOGY OY	10/09/2010	KOLKATA
20	269582	913/KOL/2005	04/10/2005		FUSE MONITORING SYSTEM FOR MONITORING STATUS OF CURRENT	LARSEN & TOUBRO LIMITED	19/06/2009	KOLKATA

21	269584	3150/KOLNP/2009	05/03/2008	06/03/2007	METHOD FOR DETERMINING THE AMOUNT OF CONJUGATED TAXANE IN POLYGLUT ACID- TAXANE CONJUGATES	CELL THERAPEUTICS, INC.	13/11/2009	KOLKATA
22	269587	641/KOL/2005	21/07/2005	28/07/2004	SURGICAL INSTRUMENT INCORPORATING AN ELECTRICALLY ACTUATED ARTICULATION MECHANISM	ETHICON ENDO- SURGERY, INC.	29/12/2006	KOLKATA
23	269591	175/KOL/2007	05/02/2007 16:40:13	28/02/2006	MOBILE TERMINAL	LG ELECTRONICS INC	21/09/2007	KOLKATA
24	269595	1435/KOLNP/2009	31/08/2007	26/10/2006	REACTANCE BALLAST DEVICE	SIEMENS AKTIENGESELLSCHAFT	29/05/2009	KOLKATA
25	269596	229/KOL/2008	08/02/2008 16:27:00	16/02/2007	PROCESS FOR PREPARING 5- HYDROXYMETHYLFURF URAL VIA 5- ACYLOXYMETHYLFURF URAL AS AN INTERMEDIATE	EVONIK DEGUSSA GMBH	17/04/2009	KOLKATA
26	269597	487/KOL/2008	10/03/2008	20/04/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
27	269605	1261/KOLNP/2007	12/10/2005	15/10/2004	TRANSPARENT GLAZING UNIT WITH A RESISTIVE HEATING COATING	SAINT-GOBAIN GLASS FRANCE	20/07/2007	KOLKATA
28	269607	3506/KOLNP/2009	24/04/2008	03/05/2007	A PROCESS FOR APPLYING A METAL COATING TO A NON- CONDUCTIVE SUBSTRATE AND SOLUTION FOR USE IN SAID PROCESS	ATOTECH DEUTSCHLAND GMBH	25/12/2009	KOLKATA
29	269608	2779/KOLNP/2009	15/02/2008	05/03/2007	CONTROL OF TRANSPORT PROPERTIES TO AND FROM NANOPARTICLE SURFACES	VIVE CROP PROTECTION INC	11/09/2009	KOLKATA
30	269627	4234/KOLNP/2010	12/06/2009	16/06/2008	THERMOPLASTIC POLYOLEFINS WITH HIGH FLOWABILITY AND EXCELLENT SURFACE QUALITY PRODUCED BY A MULTISTAGE PROCESS	BOREALIS AG	25/11/2011	KOLKATA

CONTINUED TO PART- 2

CONTINUED FROM PART- 1

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000 (SECTION 30) <u>DESIGN ASSIGNMENT</u>

The Design stands in the name of WYETH LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

	Design No.	Class	Name
230037 230038 230037 (28-03) 230038 (09-03) PFIZER LIMITED, A PUBLIC LIMITED COMPANY INCORPORATED UNDER THE PROVISIONS OF THE INDIAN COMPANIES ACT, 1913 OF THE ADDRESS PFIZER CENTER, PATEL ESTATE, OFF. S.V. ROAD, JOGESHWARI (WEST), MUMBAI-400102, MAHARASHTRA, INDIA	230037	230037 (28-03)	PFIZER LIMITED, A PUBLIC LIMITED COMPANY INCORPORATED UNDER THE PROVISIONS OF THE INDIAN COMPANIES ACT, 1913 OF THE ADDRESS PFIZER CENTER, PATEL ESTATE, OFF. S.V. ROAD, JOGESHWARI (WEST), MUMBAI-400102,

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	202774	15.10.2015
2.	203336	15.10.2015
3.	203718	15.10.2015
4.	200092	15.10.2015
5.	199728	07.09.2015
6.	199661	20.08.2015
7.	199615	07.09.2015
8.	199559	12.10.2015
9.	199767	12.10.2015
10.	199352	12.10.2015
11.	199114	07.09.2015
12.	198938	12.10.2015
13.	195383	20.08.2015
14.	195384	20.08.2015
15.	198203	07.09.2015
16.	198204	07.09.2015
17.	198523	07.09.2015

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

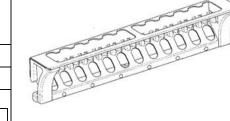
U.S.A.

DESIGN NUMBER	269330	
CLASS	24-02	

1)BECTON, DICKINSON AND COMPANY, A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED STATES OF AMERICA HAVING ITS REGISTERED OFFICE AT

1 BECTON DRIVE, FRANKLIN LAKES, NEW JERSEY 07417, UNITED STATES OF AMERICA

DATE OF REGISTRATION	05/02/2015		
TITLE	SAMPLE TUBE HOLDER		
PRIORITY	•		
PRIORITY NUMBER	DATE	COUNTRY	



DESIGN NUMBER	269934
CLASS	06-03

07/08/2014

1)ALKHAJI DASHARATHJI THAKOR,

NADIOL HATKESVAR MAHADEV VALA VAS, VADNAGAR, TA:-VADNAGAR, DI:-MAHESANA, STATE:-GUJARAT, INDIAN

DATE OF REGISTRATION	27/02/2015
TITLE	STUDY TABLE



PRIORITY NA

29/498782

DESIGN NUMBER	270936
CLASS	23-04

1)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS

ARO TOWER, PLOT NO.-300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA)

DATE OF REGISTRATION	06/04/2015		
TITLE	TABLE FAN		



DESIGN NUMBER	270489
CLASS	25-99

1)DELHI URBAN ART COMMISSION, OF

CORE-6A, UG & FIRST FLOOR, INDIA HABITAT CENTRE, LODHI ROAD, NEW DELHI-110003, INDIA

DATE OF REGISTRATION	23/03/2015		
TITLE	PORTABLE TOILET		



PRIORITY NA

DESIGN NUMBER	208202
CLASS	09-01

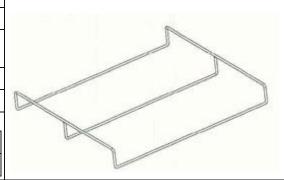
1)JOHN DISTILLERIES LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956

HAVING ITS REGISTERED OFFICE AT NO. 110, PANTHARAPALYA, MYSORE ROAD, BANGALORE 560039, KARNATAKA STATE INDIA

DATE OF REGISTRATION	02/02/2007
TITLE	BOTTLE WITHOUT CAP



270226			
06-04			
1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMANY			
10/03/2015			
FURNITURE RACK			
PRIORITY			
	DATE		COUNTRY
	10/09/2014		ОНІМ
		CO. KG, A GERMA 2-16, 32278 KIRCHLI 10/ FURNIT	06-0 CO. KG, A GERMAN C 2-16, 32278 KIRCHLENC 10/03/2 FURNITUR DATE



DESIGN NUMBER	271277
CLASS	09-01

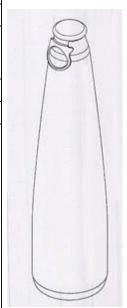
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF

700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA

DATE OF REGISTRATION	09/04/2015
TITLE	BOTTLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/504,981	10/10/2014	U.S.A.



DESIGN NUMBER	272922	
CLASS	06-03	

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	22/06/2015	
TITLE	TABLE	

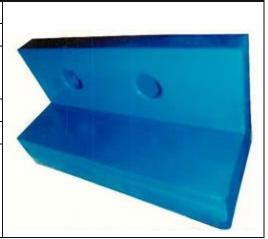


DESIGN NUMBER	269428	
CLASS	15-99	

1)KALANI JUGAL KISHORE KUNJILAL, AN INDIAN NATIONAL, WHOSE ADDRESS IS

H-2, OLD M.I.D.C., SATARA-415-004, MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/02/2015	
TITLE	ROTOR TIP PLATE FOR CRUSHER	



DESIGN NUMBER	270661
CLASS	09-01

1)NONGFU SPRING CO., LTD. A CHINESE COMPANY OF

NO. 181, GEYAZHUANG, XIHU DISTRICT, HANGZHOU, ZHEJIANG 310024, CHINA

DATE OF REGISTRATION	27/03/2015	
TITLE	BOTTLE	

PRIORITY

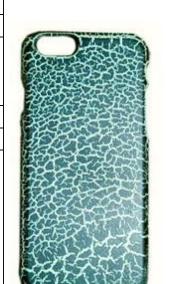
PRIORITY NUMBER	DATE	COUNTRY
201430366983.1	29/09/2014	CHINA

201430300963.1	29/09/2014	CIIINA	
DESIGN NUMBER		270503	
CLASS		14-03	

1)M/S. D & Y TECHNOLOGIES PRIVATE LIMITED, A COMPANY INCORPORATED UNDER INDIAN COMPANY ACT, 1956 ADDRESS AT

B-8/14, 1ST FLOOR, VASANT VIHAR, NEW DELHI-110057, INDIA, INDIAN NATIONALITY

DATE OF REGISTRATION	23/03/2015	
TITLE	MOBILE PHONE	



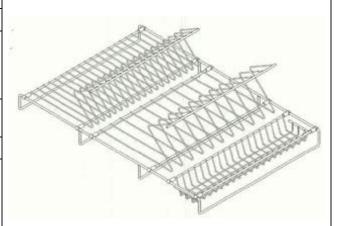
PRIORITY NA

DESIGN NUMBER	270242	
CLASS	06-04	
1)DATH HETTICH CMRH & CO KC A CEDMAN COMDANY		

1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF

VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMANY

obravit i i				
DATE OF REGISTRATION	10/03/2015			
TITLE		FURNITURE RACK		
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002535237		10/09/2014	OHIM	



DESIGN NUMBER	272680
CLASS	13-03

1)HAVELLS INDIA LIMITED,

1, RAJ NARAIN MARG, CIVIL LINES, DELHI-110054, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	11/06/2015
TITLE	MULTIPIN ADAPTOR



PRIORITY NA

DESIGN NUMBER	203551
CLASS	02-04

1)RADHA KRISHNA POLYMERS, A REGISTERED PARTNERSHIP FIRM, WHOSE ADDRESS IS T-5/254, MANGOLPURI INDUSTRIAL AREA PHASE 1, DELHI-110083, (INDIA)

DATE OF REGISTRATION	17/03/2006
TITLE	FOOTWEAR

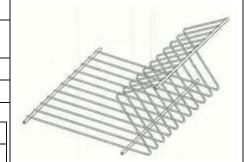


DESIGN NUMBER	269384
CLASS	08-06
1)TEJASBHAI MAVJIBHAI BHANDERI (ADULT AND INDIAN NATIONALS) HAVING PLACE OF BUSINESS AT- PATELNAGAR, NR. BHOJABHAGAT CHOWK, 50 FEET ROAD, RAJKOT-360002-GUJARAT-(INDIA)	
DATE OF REGISTRATION 09/02/2015	

DATE OF REGISTRATION	09/02/2015
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	270229				
CLASS	06-04				
1)PAUL HETTICH GMBH & CO. VAHRENKAMPSTRASSE 12-16,					
DATE OF REGISTRATION	10/03/2015				
TITLE	FURNITURE RACK				
PRIORITY					
PRIORITY NUMBER		DATE		COUNTRY	
002535237-0007		10/09/2014		OHIM	
DESIGN NUMBER	271279				



CLASS 1)ANDSLITE PVT. LTD.,

103, F.I.E., PATPARGANJ, DELHI-110092, INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)

26-02

DATE OF REGISTRATION	09/04/2015
TITLE	TORCH



PRIORITY NA

DESIGN NUMBER	203539
CLASS	26-02

1)COSMOS IGNITE INNOVATIONS PVT. LTD., A COMPANY DULY INCORPORATED UNDER THE LAWS OF INDIA

AND HAVING ITS REGISTERED OFFICE AT C-25, PANCHSHEEL ENCLAVE, NEW DELHI-110017.

DATE OF REGISTRATION	23/12/2005
TITLE	SOLAR POWERED LED LANTERN



DESIGN NUMBER	272928
CLASS	06-07
1)MA DEGICALINALA DENVATE LIMITED A COMPANY DICORDO	

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	22/06/2015
TITLE	PHOTO FRAME



PRIORITY NA

DESIGN NUMBER	271414
CLASS 12-16	
1)	

1)DINESH NARANG, TRADING AS DINAR INTERNATIONAL HAVING OFFICE AT

536/12D, STATION ROAD, IND. AREA-C, OPP. DHANDARI KALAN RAILWAY STATION, LUDHIANA, INDIA, A PROPRIETORSHIP FIRM

DATE OF REGISTRATION	15/04/2015
TITLE	FRAME FOR BICYCLE



PRIORITY NA

DESIGN NUMBER 268277		
CLASS	13-99	
1)TATA POWER SOLAR SYSTEMS LIMITED, AN INDIAN COMPANY		

1)TATA POWER SOLAR SYSTEMS LIMITED, AN INDIAN COMPANY OF

78, ELECTRONIC CITY, HOSUR ROAD, BANGALORE 560100, KARNATAKA, INDIA

DATE OF REGISTRATION	18/12/2014
TITLE	SOLAR PANEL MOUNTING FRAMEWORK UNIT

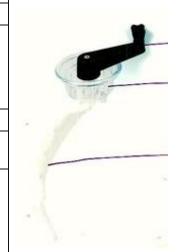


]	DESIGN NUMBER	270575
(CLASS	31-00

1)ROKSAM ENTERPRISES PVT. LTD., A PRIVATE LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, HAVING ITS ADDRESS AT

C-701, MARATHON NEXTGEN PIRAMAL MILL COMPOUND, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400013, INDIA

DATE OF REGISTRATION 25/03/2015	
TITLE	CAP WITH FIXED SPATULA FOR MIXER GRINDER AND BLENDER



PRIORITY NA

GT + GG	269801	DESIGN NUMBER
CLASS 14-99	14-99	CLASS

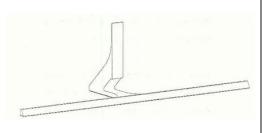
1)SAMSUNG ELECTRONICS CO., LTD. OF THE ADDRESS:

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA; NATIONALITY: REPUBLIC OF KOREA

DATE OF REGISTRATION	24/02/2015
TITLE	STAND FOR TELEVISION
DDIODITY	



П	11101111		
	PRIORITY NUMBER	DATE	COUNTRY
	30-2014-0041611	26/08/2014	REPUBLIC OF KOREA



DESIGN NUMBER	270563
CLASS	25-01

1)SUBHASH KUMAR MODI, AN INDIAN CITIZEN ADDRESS AT PLOT NO.-8, KUMAR TYRES STREET, NEAR SATI KUND, KANKHAL, HARIDWAR-249408, UTTARAKHAND, INDIA

DATE OF REGISTRATION	25/03/2015
TITLE	BRICK



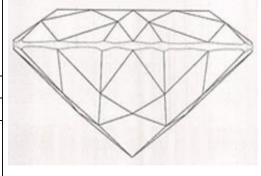
DESIGN NUMBER	271080	
CLASS	05-05	23 V2 XX X 1 16 16
CHANDER BINDRA,	DIAN INHABITANT) S/O LATE SHRI SATISH VILLA, NEAR CSKM SCHOOL, SATBARI, NEW	
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	202456	
CLASS	12-16	
1)MERAPALA VIJAYA KUMAR, D.NO. 36-35-23. (INDIAN) V.T.CO	OLLEGE ROAD, RAJAHMUNDRY-533101 (A.P)	
DATE OF REGISTRATION	18/11/2005	1:41
TITLE	MOTOR CYCLE DOOM	
PRIORITY NA		647
DESIGN NUMBER	208052	
CLASS	09-05	<u> </u>
1)NENIMEMI FOODS PVT. LTD. OF NEAR HATHODA BUJURG, SE COMPANY.	HAHJAHANI UR-242001, U.P., AN INDIAN	
DATE OF REGISTRATION	22/01/2007	
l l	SACHET	

DESIGN NUMBER	270369
CLASS	11-01

1)OCTONUS DIA-TECH PRIVATE LTD. (A PRIVATE LIMITED COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF INDIA), HAVING ITS REGISTERED OFFICE AT:

25-28, 1ST FL., NAVRANG INDUSTR. ESTATE, OPP. SOSYO FACTORY, UDHNA MAGDALLA RD., 395002 SURAT SAGRAMPURA, INDIA

DATE OF REGISTRATION	16/03/2015		
TITLE	GEMSTONE		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
002620047-0001		26/01/2015	ОНІМ



DESIGN NUMBER	271735
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 COVER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/507,460	28/10/2014	U.S.A.

DESIGN NUMBER	272551
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	268466
CLASS	13-02
1)HAO WANG, A CITIZEN OF CHINA OF	

ROOM 8C, BLOCK-2, HENGLI TINGHAI GARDEN, NO. 38 GAO XIN SOUTH LOOP, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, CHINA

DATE OF REGISTRATION	29/12/2014
TITLE	CAR MOBILE CHARGER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201430207875.X	27/06/2014	CHINA

	DESIGN NUMBER	266821
I	CLASS	14-03

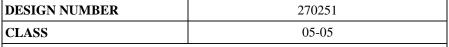


KEILARANTA 7, 02150 ESPOO, FINLAND

DATE OF REGISTRATION	20/10/2014	
TITLE	MOBILE PHONE	

PRIORITY

11101111			
PRIORITY NUMBER	DATE	COUNTRY	
29/488876	24/04/2014	U.S.A.	



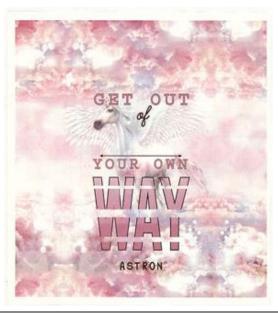
1)MR. BHARAT D SHETHIA; AN INDIAN NATIONAL, HAVING HIS OFFICE AT

1ST FLOOR, C/O C JAIRAM & CO., BEHIND SEWRI BUS DEPOT, SITARAM MURAI ROAD, OPP T K INDUSTRIAL ESTATE, SEWRI WEST, MUMBAI-400015, INDIA

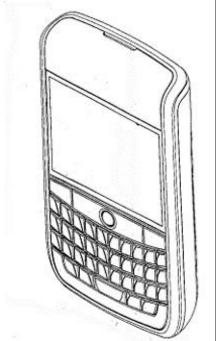
DATE OF REGISTRATION	11/03/2015		
TITLE	TEXTILE FABRIC		







DESIGN NUMBER	223478	
CLASS 14-03		
1)RESERCH IN MOTION LIMITED 295 PHILIP STREET, WATERLOO, ONTARIO N2L 3W8, CANADA		
DATE OF REGISTRATION	19/06/2009	
TITLE	MOBILE DEVIE	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/329,845	22/12/2008	U.S.A.

DESIGN NUMBER	271309		
CLASS	12-08		
1)ASHOK LEYLAND LIMITED, AN INDIAN COMPANY OF NO. 1 SARDAR PATEL ROAD, GUINDY, CHENNAI 600032, INDIA			
DATE OF REGISTRATION	10/04/2015		
TITLE	VEHICLE		



DESIGN NUMBER	272700		
CLASS	15-05		
1)CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY			
DATE OF REGISTRATION 11/06/2015			
TITLE IRON			
DDI ODIWIY NA			
PRIORITY NA			



DESIGN NUMBER	204651		
CLASS 08-07			
1)SAFCON SECURITY SEAL, 3-B, CAMAC STREET, KOLKATA-700016, WEST BENGAL, INDIA			
DATE OF REGISTRATION 12/06/2006			
TITLE	SEAL		



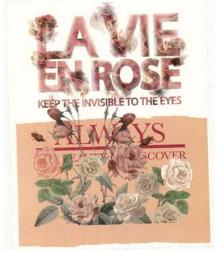
PRIORITY NA

DESIGN NUMBER	270255	
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	268368		
CLASS 15-05			
1)ARÇELIK ANONIM SIRKETI, OF E5 ANKARA ASFALTI UZERI, TUZLA, ISTANBUL 34950, TURKEY			
DATE OF REGISTRATION 23/12/2014			
TITLE	WASHING MACHINE		



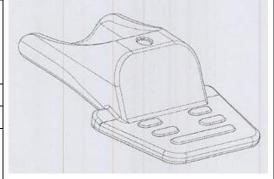


DESIGN NUMBER	270567	
CLASS	24-04	

1)MANNKIND CORPORATION, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING PLACE OF BUSINESS AT

28903 NORTH AVENUE PAINE, VALENCIA, CA 91355 UNITED STATES OF AMERICA

DATE OF REGISTRATION	25/03/2015		
TITLE	MOUTHPIECE COVER		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
29/504,212		02/10/2014	U.S.A.

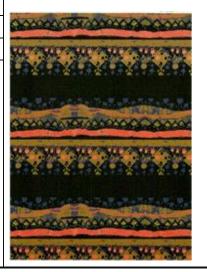


DESIGN NUMBER	271097
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015				
TITLE	TEXTILE FABRIC				



PRIORITY NA

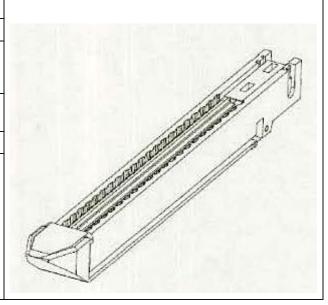
DESIGN NUMBER	271255 24-01			
CLASS				
1)MERIL ENDO SURCERY PRIVATE LIMITED				

1)MERIL ENDO SURGERI FRIVATE LIMITED

SURVEY NO.135/139, BILAKHIA HOUSE MUKTANAND MARG, CHALA, VAPI 396191, GUJARAT. INDIA

DATE OF REGISTRATION	08/04/2015
TITLE	SURGICAL STAPLER RELOAD



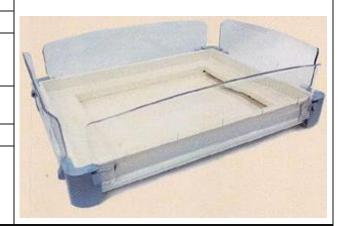


DESIGN NUMBER	267974		
CLASS	24-02		

1) GENERAL ELECTRIC COMPANY,

1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, USA, NEW YORK CORPORATION

DATE OF REGISTRATION	05/12/2014
TITLE	INFANT WARMER BED



PRIORITY NA

DESIGN NUMBER	202023 19-06		
CLASS			

1)FRANCO-INDIAN PHARMACEUTICALS PVT. LTD., A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956

AND HAVING ITS ADDRESS AT 20, DR. E. MOSES ROAD, MUMBAI-400 011, MAHARASHTRA, INDIAN NATIONAL.

TITLE	HIGHLIGHTER PEN				
DATE OF REGISTRATION	18/10/2005				



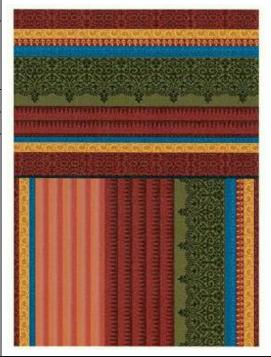
PRIORITY NA

DESIGN NUMBER	272485
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

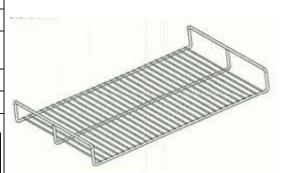
A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.

DATE OF REGISTRATION	03/06/2015			
TITLE	TEXTILE FABRIC			



DESIGN NUMBER		269	693	
CLASS		24-	-04	
1)GLOBAL HEALTHCARE SG EXISTING UNDER THE LAWS 625 ALJUNIED ROAD, #04-05. SINGAPORE 389836	OF SINGAPORE W	VHOSE A	DDRESS IS	ND CONTRACTOR OF THE PROPERTY
DATE OF REGISTRATION		19/02	/2015	
TITLE	KNEE (COOLING	PAD HOLDERS	
PRIORITY	1	T		
PRIORITY NUMBER	DATE	COU	NTRY	
DM/084 334	22/08/2014	SWI	ΓZERLAND	
				Branning and
DESIGN NUMBER		268	860	
CLASS		02-	02	
1)KIT AND ACE DESIGNS INC., A COMPANY INCORPORATED UNDER THE LAWS OF THE PROVINCE OF BRITISH COLUMBIA, CANADA, 123 WEST 7TH AVENUE, VANCOUVER, BC V5Y 1L8 CANADA DATE OF REGISTRATION 14/01/2015				
TITLE		GARN		
PRIORITY PRIORITY NUMBER 157663	DATE 17/07/2014	DATE COUNTRY 17/07/2014 CANADA		
DESIGN NUMBER		269321		
CLASS		06-08		\sim
1)TFS GLOBAL HANGER MA LAWS OF GERMANY OF HOHER WEG 2, 48529 NORDI		SH, EXIST	TING UNDER THE	
DATE OF REGISTRATION		05/02/	2015	
TITLE	C	LOTHES	HANGER	
PRIORITY NA				

DESIGN NUMBER	270222				
CLASS	06-04				
1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMANY					
DATE OF REGISTRATION	10/03/2015				
TITLE	FURNITURE RACK				
PRIORITY					
PRIORITY NUMBER		DATE		COUNTRY	
002535237-0001		10/09/2014		ОНІМ	
<u> </u>		<u> </u>		·	



DESIGN NUMBER	272654
CLASS	12-11

1)MR. PARAMJEET SINGH NARANG INDIAN NATIONAL, CARRYING ON BUSINESS ADDRESS AT

745, BUDHWAR PETH, PHADKE HAUD CHOWK, PUNE-411002, MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/06/2015
TITLE	CYCLE



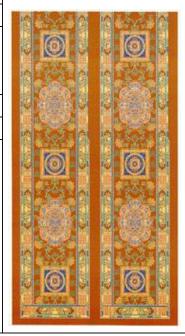
PRIORITY NA

DESIGN NUMBER	271101
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	272493
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



PRIORITY NA

DESIGN NUMBER	269329
CLASS	24-02

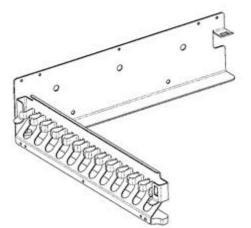
1)BECTON, DICKINSON AND COMPANY, A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED STATES OF AMERICA HAVING ITS REGISTERED OFFICE AT

1 BECTON DRIVE, FRANKLIN LAKES, NEW JERSEY 07417, UNITED STATES OF AMERICA

DATE OF REGISTRATION 05/02/2015	
TITLE SAMPLE TUBE HOLDER	₹



ı	111011111		
	PRIORITY NUMBER	DATE	COUNTRY
	29/498782	07/08/2014	U.S.A.



1) I IMINOUS DOWED TECHNOL	OCIEC DVT I TD. AN INDIAN COMPANY	
CLASS	23-04	
DESIGN NUMBER	270935	

1)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS

ARO TOWER, PLOT NO.-300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA)

DATE OF REGISTRATION	06/04/2015
TITLE	PEDESTAL FAN



DESIGN NUMBER	270488
CLASS	25-99

1)DELHI URBAN ART COMMISSION, OF

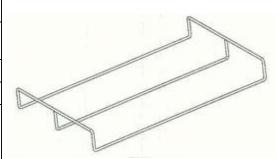
CORE-6A, UG & FIRST FLOOR, INDIA HABITAT CENTRE, LODHI ROAD, NEW DELHI-110003, INDIA

DATE OF REGISTRATION	23/03/2015	
TITLE	PORTABLE TOILET	



PRIORITY NA

DESIGN NUMBER	270225		
CLASS		06-04	
1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMAN			
DATE OF REGISTRATION	DATE OF REGISTRATION 10/03/2015		
TITLE	FURNITURE RACK		
PRIORITY	PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY	
002535237-0004	10/09/2014	OHIM	
DESIGN NUMBER 272660		72660	



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



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002595306-0004	11/12/2014	OHIM

DESIGN NUMBER	272920	
CLASS	06-03	
1)MA DESIGN INDIA PRIVAT INDIA HAVING ITS PRINCIPAI A-41, SECTOR-80, PHASE-II, N		The state of the s
DATE OF REGISTRATION	22/06/2015	18
TITLE	TABLE	W.X
PRIORITY NA		29
DESIGN NUMBER	269404	
CLASS	12-16	
1)TATA MOTORS LIMITED, A BOMBAY HOUSE, 24 HOMI N 400001, MAHARASHTRA, INDIA	AN INDIAN COMPANY OF MODY STREET, HUTATMA CHOWK, MUMBAI	
DATE OF REGISTRATION 09/02/2015		The second
TITLE	UNDERBONNET FUSE AND RELAY BOX OF A VEHICLE	
PRIORITY NA		
DESIGN NUMBER	270501	
CLASS	14-03	William and Mark
INCORPORATED UNDER INDL	S PRIVATE LIMITED, A COMPANY AN COMPANY ACT, 1956 ADDRESS AT VIHAR, NEW DELHI-110057, INDIA, INDIAN	
DATE OF REGISTRATION	23/03/2015	2005
TITLE	MOBILE PHONE CASE	
PRIORITY NA		

DESIGN NUMBER		270)230	
CLASS		06-04		
1)PAUL HETTICH GMBH & 0 VAHRENKAMPSTRASSE 12				
DATE OF REGISTRATION		10/03	3/2015	
TITLE		FURNITU	JRE RACK	
PRIORITY	•			
PRIORITY NUMBER		DATE	COUNTRY	
002535237-0008		10/09/2014	OHIM	733
DESIGN NUMBER			272666	
CLASS			09-01	
1)NONGFU SPRING CO., LTI NO. 181, GEYAZHUANG, XII CHINA				1,
DATE OF REGISTRATION		10/06/2015		
TITLE		BOTTLE		
PRIORITY PRIORITY NUMBER 201530054042.9		DATE 05/03/2015	COUNTRY CHINA	
DESIGN NUMBER	203547			
CLASS	CLASS 02-04			
1)RADHA KRISHNA POLYM WHOSE ADDRESS IS T-5/254 DELHI-110083, (INDIA)				
DATE OF REGISTRATION		17/03/2006		
TITLE		FOOTWEAR		
PRIORITY NA	•			(- V -)

DESIGN NUMBER	272935
CLASS	07-99

1)MR. MAHESH S. SHETHIA, SOLE PROPERITOR OF KRUPA INDUSTRIES-AN INDIAN COMPANY,

228-B, BOMBAY TALKIES COMPOUND, MALAD (WEST), MUMBAI-400064, MAHARASHTRA, INDIA

DATE OF REGISTRATION	22/06/2015	
TITLE	TRAY	



PRIORITY NA

DESIGN NUMBER	202986
CLASS	26-05

1)ARNOLD & RICHTER CINE TECHNIK GMBH & CO. BETRIES

OF TURKENSTRASSE 89, 80799 MUNCHEN, GERMANY, A GERMAN COMPANY

DATE OF REGISTRATION	29/07/2005
TITLE	LAMPHEAD



PRIORITY

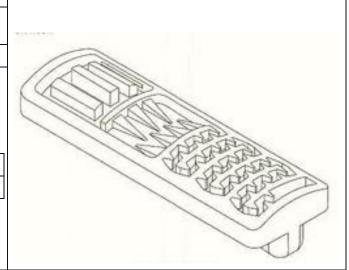
PRIORITY NUMBER	DATE	COUNTRY
405 04 037.7	29/07/2005	GERMANY

DESIGN NUMBER	269452
CLASS	23-01

1) RAIN BIRD CORPORATION,

970 WEST SIERRA MADRE AVENUE, AZUSA, CALIFORNIA 91702, USA

DATE OF REGISTRATION	10/02/2015
TITLE	EMITTER FOR IRRIGATIONAL USE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/499,053	11/08/2014	U.S.A.

DESIGN NUMBER		270662	
CLASS		09-01	
1)NONGFU SPRING CO., LTD. A NO. 181, GEYAZHUANG, XIHU CHINA			
DATE OF REGISTRATION	2	7/03/2015	
TITLE]	BOTTLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201430366826.0	29/09/2014	CHINA	
DECICAL MUMBER		270504	
DESIGN NUMBER		270504	
CLASS		14-03	
NATIONALITY DATE OF REGISTRATION TITLE		3/03/2015 E PHONE CASE	
PRIORITY NA			
DESIGN NUMBER	T	212081	
CLASS		13-99	
1)SU-KAM POWER SYSTEMS I OF PLOT NO. WZ-140/2, NANG INDIAN COMPANY		II-110 046, INDIA, AN	
DATE OF REGISTRATION	2'	7/08/2007	
TITLE	FRONT PAI	NEL OF INVERTER	
PRIORITY NA	<u> </u>		

DESIGN NUMBER	271285	
CLASS	09-01	

1)LAXMIDAS KANJI BHANUSHALI, AN INDIAN NATIONAL TRADING AS GIRNARI MOULDERS OF

PLOT NO. 5304, GIDC ANKLESHWAR, DIST.-BHARUCH-393002, STATE OF GUJARAT, INDIA

DATE OF REGISTRATION	09/04/2015	
TITLE	BOTTLE	



PRIORITY NA

DESIGN NUMBER	272681
CLASS	10-06

1)HAVELLS INDIA LIMITED,

1, RAJ NARAIN MARG, CIVIL LINES, DELHI-110054, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	11/06/2015	
TITLE	DOOR BELL	



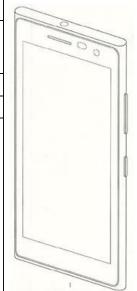
PRIORITY NA

DESIGN NUMBER	266820
CLASS	14-03

1)MICROSOFT MOBILE OY, A CORPORATION ORGANIZED UNDER THE LAWS OF FINLAND OF THE ADDRESS

KEILARANTA 7, 02150 ESPOO, FINLAND

DATE OF REGISTRATION	20/10/2014	
TITLE	MOBILE PHONE	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/488756	23/04/2014	U.S.A.

DESIGN NUMBER	270250
CLASS	12-14

1)PLAUDIT TECHNO INDIA PRIVATE LIMITED, COMPANY INCORPORATED AND EXISTING UNDER THE LAWS OF THE COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

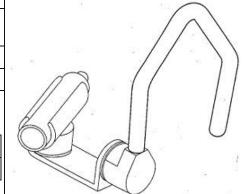
VILL, P.O. SHYAMPUR, P.S. SHYAMPUR, NEAR SHYAMPUR BDO OFFICE, DISTRICT-HOWRAH, PIN-711314, WEST BENGAL, INDIA

DATE OF REGISTRATION	11/03/2015
TITLE	BATTERY OPERATED PASSENGER TRICYCLE



PRIORITY NA

DESIGN NUMBER	223457
CLASS	26-02
1)MICHAEL CRISTOFORO 5155 BIMINI CIRCLE S., PALM CITY, FLORIDA 34990, USA	
DATE OF REGISTRATION	17/06/2009
TITLE	EAR HOOK



PRIORITY

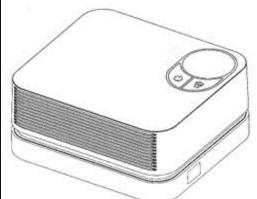
PRIORITY NUMBER	DATE	COUNTRY
29/329,542	17/12/2008	U.S.A.

DESIGN NUMBER	269056
CLASS	15-02
1)TEK GLOBAL S.R.L., A CORPORATION ORGANIZED AND EXISTING	

1)TEK GLOBAL S.R.L., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY, OF

VIA ICARO, 11, 61100, PESARO, ITALY

DATE OF REGISTRATION	23/01/2015
TITLE	COMPRESSOR



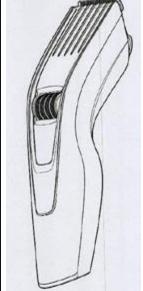
11101111		
PRIORITY NUMBER	DATE	COUNTRY
002508879	24/07/2014	OHIM

DESIGN NUMBER	271008
CLASS	28-03

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS

HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	06/04/2015
TITLE	HAIR CLIPPER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002551911-0002	07/10/2014	OHIM

DESIGN NUMBER	271731
CLASS	09-03

1)M/S. SSP PLASTIPACK PVT. LTD., A COMPANY DULY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS OFFICE AT K-13, SECTOR-1, DSIIDC, BAWANA, DELHI

DATE OF REGISTRATION	27/04/2015
TITLE	LOTION CONTAINER



PRIORITY NA

DESIGN NUMBER	271202
CLASS	28-03
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING	

UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS

HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	07/04/2015
TITLE	HAIR CURLER

11101111		
PRIORITY NUMBER	DATE	COUNTRY
002552901-0001	08/10/2014	OHIM



DESIGN NUMBER	272548
CLASS	07-04
ANAGE BOARDAY WELL GERLANDERGALANTIEL GERLINANG	

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



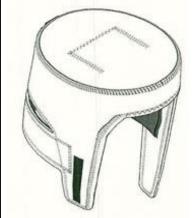
PRIORITY NA

DESIGN NUMBER	269692
CLASS	24-04
1)GLOBAL HEALTHCARE SG PTE LTD A CORPORATION ORGANIZED AND	

1)GLOBAL HEALTHCARE SG PTE LTD, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF SINGAPORE WHOSE ADDRESS IS

625 ALJUNIED ROAD, #04-05A ALJUNIED INDUSTRIAL COMPLEX, SINGAPORE 389836

DATE OF REGISTRATION	19/02/2015
TITLE	HEAD COOLING PAD HOLDERS



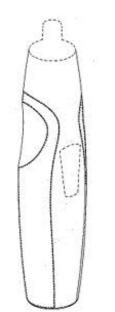
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM/084 334	22/08/2014	SWITZERLAND

DESIGN NUMBER	269314
CLASS	28-03

1)WAHL CLIPPER CORPORATION, A COMPANY OF USA OF 2900 NORTH LOCUST STREET, STERLING, ILLINOIS 61081-0578, USA

DATE OF REGISTRATION	05/02/2015
TITLE	HAIR CUTTING DEVICE HOUSING



PRIORITY NUMBER	DATE	COUNTRY
29/498,886	08/08/2014	U.S.A.

DESIGN NUMBER	270900
CLASS	11-01

1)MR. JIGNESH RAMESHBHAI SHAH; AN INDIAN NATIONAL WHOSE ADDRESS IS

3RD FLOOR, PANNA MANEK BUILDING, OPP MAA ASHAPURA TEMPLE, PALACE ROAD, RAJKOT-360001, GUJARAT, INDIA

DATE OF REGISTRATION	01/04/2015
TITLE	PENDANT AND EARRING SET



PRIORITY NA

DESIGN NUMBER	272653
CLASS	12-11
1)MR. PARAMIEET SINGH NARANG INDIAN NATIONAL. CARRYING ON	

1)MR. PARAMJEET SINGH NARANG INDIAN NATIONAL, CARRYING ON BUSINESS ADDRESS AT

745, BUDHWAR PETH, PHADKE HAUD CHOWK, PUNE-411002, MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/06/2015
TITLE	CYCLE



PRIORITY NA

DESIGN NUMBER	271100
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER		272491	
CLASS		05-05	W. L. 10 W. L. 10 W. L. 1
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, 1	MPANIES ACT, 1956 I	COMPANY REGISTERED HAVING ITS	
DATE OF REGISTRATION	· ·	3/06/2015	2 1 1 2 1
TITLE		ΓILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		270680	
CLASS		15-02	
1)DANFOSS A/S, A DANISH CO NORDBORGVEJ 81, DK-6430 N		K	
DATE OF REGISTRATION	2	7/03/2015	
TITLE		PUMP	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002575456	11/11/2014	OHIM	
DESIGN NUMBER		269063	
CLASS		23-04	A
1)MASTERKOOL INTERNATIO CORPORATION ORGANIZED AT THAILAND WHOSE ADDRESS IS 12/16-17 THESABANSONGKRA 10900, THAILAND WHO IS THAI	ND EXISTING UNDER S AO RD., LADYAO, CHA	THE LAWS OF	
DATE OF REGISTRATION	2	3/01/2015	
TITLE	EVAPORA	ΓΙVE AIR COOLER	
PRIORITY	·		
PRIORITY NUMBER	DATE	COUNTRY	8

DESIGN NUMBER	269779
CLASS	09-01

1)DHARAMPAL SATYAPAL SONS PVT. LTD. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, NATIONALITY-INDIAN COMPANY, ADDRESS-

4828/24, PRAHLAD LANE, ANSARI ROAD, DARYAGANJ, DELHI

DATE OF REGISTRATION	23/02/2015
TITLE	POT



PRIORITY NA

DESIGN NUMBER	271035
CLASS	07-01

1)M/S HAMILTON HOUSEWARES PVT. LTD. AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING REGISTERED PLACE OF BUSINESS AT

KAISER-1-HIND BUILDING, 3RD FLOOR, CURRIMBHOY ROAD, BALLARD ESTATE, MUMBAI 400001, MAHARASHTRA, INDIA

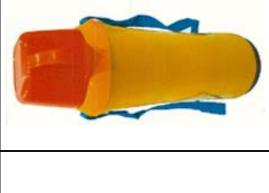
DATE OF REGISTRATION	06/04/2015
TITLE	FLASK
PRIORITY NA	

DESIGN NUMBER	270138
CLASS	12-12

1)RAHUL MADAN,

AT ANURADHA APARTMENTS, F BLOCK OLD NO. 67, FIRST FLOOR, DOOR NO. 3, FOURTH STREET, ANNA NAGAR EAST, CHENNAI 600102, INDIAN NATIONAL

DATE OF REGISTRATION	05/03/2015
TITLE	DEVICE TO SHIFT A PATIENT





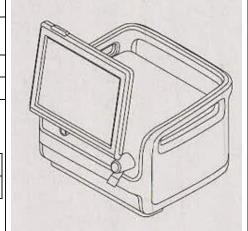
DESIGN NUMBER	270258	
CLASS	24-01	
1)MAQUET CRITICAL CARE AB; A SWEDISH COMPANY OF		

RONTGENVAGEN 2, SE-171 54 SOLNA, SWEDEN

DATE OF REGISTRATION	11/03/2015
TITLE	VENTILATOR



PRIORITY NUMBER	DATE	COUNTRY
2537068	12/09/2014	OHIM



DESIGN NUMBER	272552
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



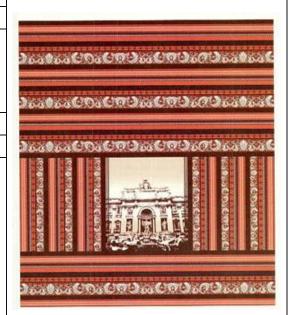
DESIGN NUMBER	270252
CLASS	05-05

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	T	270733		
CLASS	+	24-04		
1)THE PROCTER & GAMBLE INCORPORATED UNDER THE I HAVING ITS REGISTERED OFF ONE PROCTER & GAMBLE PI STATES OF AMERICA	LAWS FICE A	S OF UNITED STAT	TATES OF AMERIC	
DATE OF REGISTRATION		30,	/03/2015	
TITLE		SANITA	ARY NAPKIN	(
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
842547301		30/09/2014	WIPO	
DESIGN NUMBER			269077	
CLASS			15-03	
1)NEW HOLLAND FIAT (INDIA 303, CENTRAL PLAZA, 166, C. (EAST) MUMBAI 400098, INDIA, I DATE OF REGISTRATION	.S.T. R	ROAD, KALINA, DNALITY-INDIA	CST ROAD SANTAG	CRUZ
TITLE	+		ER HEADER PAN	
PRIORITY NA		III II (LD I	EKTERBEKTTIK	
DESIGN NUMBER	$\overline{}$		271039	
CLASS	+	06-04		
1)NILKAMAL LIMITED OF SURVEY NO 354/2 & 354/3, 1 ROAD, VILLAGE VASONA, SILV COMPANY				
		06/04/2015		
DATE OF REGISTRATION		CUPBOARD		

DESIGN NUMBER	270557
CLASS	28-03

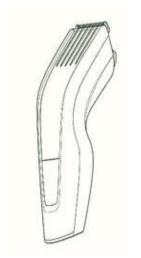
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS

HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	25/03/2015
TITLE	HAIR CLIPPER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002551911-0001	07/10/2014	OHIM

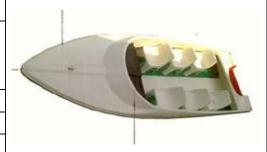


DESIGN NUMBER	270158
CLASS	12-06

1)MR. S ARUN,

(INDIAN) EXECUTIVE DIRECTOR OF M/S SAMUDRA SHIPYARD (P) LTD, CHEMICAL INDUSTRIAL ESTATE, ARROR, ALLEPPEY (DIST) KERALA, INDIA

DATE OF REGISTRATION	06/03/2015
TITLE	BOAT
DDIODIES NA	



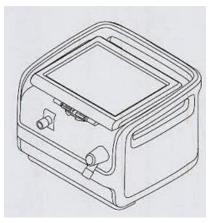
PRIORITY NA

DESIGN NUMBER	270259
CLASS	24-01
1) - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	

1)MAQUET CRITICAL CARE AB; A SWEDISH COMPANY OF RÖNTGENVÄGEN 2, SE-171 54 SOLNA, SWEDEN

DATE OF REGISTRATION	11/03/2015
TITLE	VENTILATOR

IMOMIII		
PRIORITY NUMBER	DATE	COUNTRY
2537068	12/09/2014	OHIM



DESIGN NUMBER	272553
CLASS	07-04
1)M/S. BOMBAY TEA STE PARTNERSHIP FIRM HAV	RAINERS MANUFACTURING, A ING OUR OFFICE AT
17-B LAST LANE, SITAF	AL WADI, MAZGAON, MUMBAI-400010,



DATE OF	
MAHARASHTRA, INDIA	
17-B LAST LANE, SITAFA	AL WADI, MAZGAON, MUMBAI-400010,

DATE OF REGISTRATION	04/06/2015
TITLE	TEA STRAINER
PRIORITY NA	

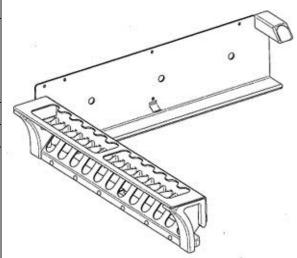


CLASS 2	24-02



1 BECTON DRIVE, FRANKLIN LAKES, NEW JERSEY 07417, UNITED STATES OF AMERICA

DATE OF REGISTRATION	05/02/2015
TITLE	SAMPLE TUBE HOLDER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/498782	07/08/2014	U.S.A.

DESIGN NUMBER	270937
CLASS	23-04

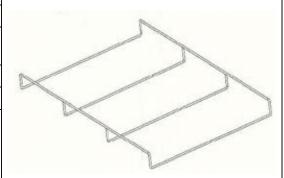
1)LUMINOUS POWER TECHNOLOGIES PVT. LTD., AN INDIAN COMPANY, INCORPORATED UNDER COMPANIES ACT. WHOES ADDRESS IS

ARO TOWER, PLOT NO.-300, 2ND FLOOR, UDYOG VIHAR, PHASE-2, GURGAON-122016, HARYANA (INDIA)

DATE OF REGISTRATION	06/04/2015
TITLE	WALL FAN



DESIGN NUMBER	270228			
CLASS	06-04			
1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMANY				
DATE OF REGISTRATION	10/03/2015			
TITLE	FURNITURE RACK			
PRIORITY				
PRIORITY NUMBER		DATE		COUNTRY
002535237-0006	10/09/2014 OHIM		OHIM	
DESIGN NUMBER		272925		



DESIGN NUMBER	272925		
CLASS	06-07		

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	22/06/2015		
TITLE	MIRROR FRAME		



PRIORITY NA

DESIGN NUMBER	271404	
CLASS	26-06	
1)RT VISION TECHNOLOGIES PRIVATE LIMITED AN INDIAN COMPANY CARRYING ON ITS BUSINESS AT		

A-111, SECTOR 83, NOIDA, UTTAR PRADESH, INDIA

DATE OF REGISTRATION	15/04/2015		
TITLE	HAND SIGNAL LAMP		



DESIGN NUMBER	218708		
CLASS	26-05		

1)FAWOO TECHNOLOGY CO. LTD., A COMPANY FORMED UNDER THE LAWS OF REPUBLIC OF KOREA,

HAVING THEIR ADDRESS AT 102-802, BUCHEON TECHNOPARK, 364 SAMJEONG-DONG, OJEONG-GU, BUCHEON-SI, GYEONGGI-DO 421-809 REPUBLIC OF KOREA. AND HAVING NO PLACE OF BUSINESS IN INDIA

DATE OF REGISTRATION	13/03/2008		
TITLE	LED LAMP		

PRIORITY

THOM!			
	PRIORITY NUMBER	DATE	COUNTRY
	30-2008-0010924	13/03/2008	REPUBLIC OF KOREA

DESIGN NUMBER	268369		
CLASS	20-02		

1)WM. WRIGLEY JR. COMPANY, A CORPORATION DULY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A. OF

1132, W. BLACKHAWK STREET, CHICAGO, 60642, ILLINOIS, UNITED STATES OF AMERICA

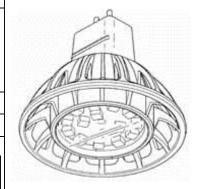
DATE OF REGISTRATION		23/12/2014		
TITLE	PRODUC'	PRODUCT DISPLAY CONTAINER		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
A2014/01014	26/06/2014	SOUTH AFRICA		

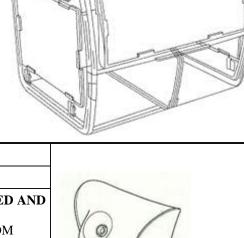


103-105 BATH ROAD, SLOUGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM

DATE OF REGISTRATION	29/01/2015		
TITLE	SPRAY CAP FOR AEROSOL CONTAINER		

ı	MORITI		
	PRIORITY NUMBER	DATE	COUNTRY
	002511758-0004	30/07/2014	OHIM



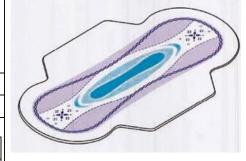


DESIGN NUMBER	270811
CLASS	24-04

1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT

ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA

DATE OF REGISTRATION		31/03/2	2015
TITLE		SANITARY	NAPKIN
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
842813801		01/10/2014	WIPO



DESIGN NUMBER	271098
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



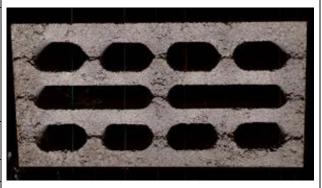
PRIORITY NA

DESIGN NUMBER	271256
CLASS	25-01

1)MR. GEORGE ABRAHIM, MR. FRANKLYN ABRAHAM AND MR. ALFRED A. MATHEW ALL ARE OF INDIAN NATIONALITY AND PARTNERS OF THE FIRM APCO CONCRETE BLOCKS & ALLIED PRODUCTS HAVING OUR OFFICE AT

NO. 805, 14TH CROSS, 2ND PHASE, J. P. NAGAR, BANGALORE 560078

DATE OF REGISTRATION	08/04/2015
TITLE	CONCRETE BLOCK
PRIORITY NA	



DESIGN NUMBER	202024
CLASS	19-06
A) PRINCEPE BY A DATA CENTRACAL C DATE A FEB. A COMPANY DECICEPED	

1)PRINCEPS PHARMACEUTICALS PVT. LTD., A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956

AND HAVING ITS ADDRESS AT 20, DR. E. MOSES ROAD, MUMBAI-400 011, MAHARASHTRA, INDIAN NATIONAL.

DATE OF REGISTRATION	18/10/2005
TITLE	HIGHLIGHTER PEN
DD TO D TOTAL NA	



PRIORITY NA

DESIGN NUMBER	272487
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



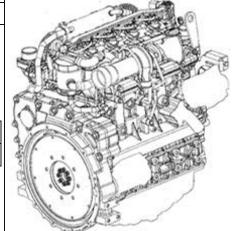
PRIORITY NA

DESIGN NUMBER	269134
CLASS	15-01

1)LOMBARDINI S.R.L., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY WHOSE ADDRESS IS

VIA CAVALIERE DEL LAVORO ADELMO LOMBARDINI, 2, I-42124 REGGIO EMILIA, ITALY

DATE OF REGISTRATION	28/01/2015
TITLE	ENGINE



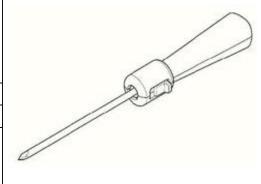
PRIORITY NUMBER	DATE	COUNTRY
002510545-0001	29/07/2014	OHIM

DESIGN NUMBER	270560
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		25/03/2	2015
TITLE	TR	OCAR FOR TONGU	E STABILIZATION
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
002546598-0003		27/09/2014	OHIM



DESIGN NUMBER	271077
CLASS	05-05

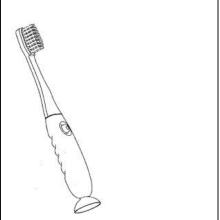
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER		271236
CLASS	04-02	
1)TWINKLERS LTD., A UK CORPORATION, 122, GRANVILLE ROAD, LONDON NW2 2LD, UNITED KINGDOM		
DATE OF REGISTRATION	08/04/2015	
TITLE	TOOTHBRUSH	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
002647982	06/03/2015	OHIM



DESIGN NUMBER	202453
CLASS	12-16
1)MERAPALA VIJAYA KUMAR, (INDIAN)	



D.NO. 36-35-23. V.T.COLLEGE ROAD, RAJAHMUNDRY-533101 (A.P.) INDIA

DATE OF REGISTRATION	18/11/2005
TITLE	MOTOR CYCLE SIDE PANEL

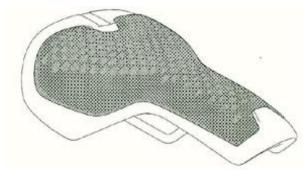


PRIORITY NA

DESIGN NUMBER	269547
CLASS	12-11
1)GIUSEPPE BIGOLIN, OF VIA SALUTE, 50, 36028 ROSSANO VENETO (VI), ITALY	

DATE OF

REGISTRATION	12/02/2015
TITLE	BICYCLE SADDLE



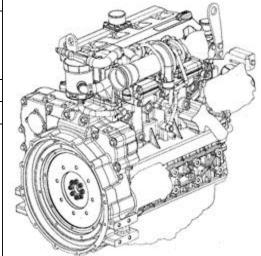
PRIORITY NA

DESIGN NUMBER	269135
CLASS	15-01

1)LOMBARDINI S.R.L., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF ITALY WHOSE ADDRESS IS

VIA CAVALIERE DEL LAVORO ADELMO LOMBARDINI, 2, I-42124 REGGIO EMILIA, ITALY

DATE OF REGISTRATION	28/01/2015
TITLE	ENGINE



	Y	COUNTRY	DATE	PRIORITY NUMBER
002510545-0002 29/07/2014 OHIM		OHIM	29/07/2014	002510545-0002

DESIGN NUMBER		269799				
CLASS		14-99				
1)SAMSUNG ELECTRON 129, SAMSUNG-RO, YEO 742, REPUBLIC OF KOREA;	ONGTON	G-GU,			DO, 443-	
DATE OF REGISTRATION	ATE OF REGISTRATION 24/02/2015					
TITLE	STAND FOR TELEVISION					
PRIORITY	<u> </u>					
PRIORITY NUMBER	DATE		COUNTRY	Υ		
30-2014-0041615	26/08/2	2014	REPUBLIC	C OF KOREA		
DESIGN NUMBER				270561		
CLASS				24-02		
1)KONINKLIJKE PHILIP UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5	E KING ST-OFFI	DOM O CE ADI	OF THE NET DRESS IS	HERLANDS,	, RESIDIN	
UNDER THE LAWS OF TH	E KING ST-OFFI 5656 AE	DOM O CE ADI	OF THE NET DRESS IS OVEN, THE TOOL FOR	NETHERLANDS, NETHERLAN 25/03/2015 REMOVING	, RESIDIN NDS TONGUE	
UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5, DATE OF REGISTRATION TITLE	E KING ST-OFFI 5656 AE	DOM O CE ADI	OF THE NET DRESS IS OVEN, THE TOOL FOR	NETHERLANDS NETHERLAN 25/03/2015	, RESIDIN NDS TONGUE	
UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5, DATE OF REGISTRATION	E KING ST-OFFI 5656 AE	DOM OCE ADI	OF THE NET DRESS IS OVEN, THE TOOL FOR	NETHERLANDS, NETHERLAN 25/03/2015 REMOVING	, RESIDIN NDS TONGUE	
UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5, DATE OF REGISTRATION TITLE PRIORITY	E KING ST-OFFI 5656 AE	DA	OF THE NET DRESS IS OVEN, THE TOOL FOR STA	NETHERLANDS, NETHERLAN 25/03/2015 REMOVING 'ABILIZATION	, RESIDIN NDS TONGUE N NTRY	
UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5, DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER	E KING ST-OFFI 5656 AE	DA	OF THE NET DRESS IS TOVEN, THE TOOL FOR STA	NETHERLANDS, NETHERLANDS, 25/03/2015 REMOVING 'ABILIZATION' COUN	, RESIDIN NDS TONGUE N NTRY	
UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5, DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 002546598-0002	E KING ST-OFFI 5656 AE	DA	OF THE NET DRESS IS TOVEN, THE TOOL FOR STA	NETHERLANDS, NETHERLANDS, 25/03/2015 REMOVING 'ABILIZATION' COUN	, RESIDIN NDS TONGUE N NTRY	
UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5, DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 002546598-0002 DESIGN NUMBER	E KING ST-OFFI 5656 AE	DA DA DIAN I	THE NET DRESS IS OVEN, THE TOOL FOR STA	NETHERLANDS, NETHE	TONGUE NTRY	IG AT
UNDER THE LAWS OF TH EINDHOVEN, WHOSE POS HIGH TECH CAMPUS 5, DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER 002546598-0002 DESIGN NUMBER CLASS 1)MR. SIDDHARATH BIN SATISH CHANDER BINDR R/O BINDRA FARM, F-4	E KING ST-OFFI 5656 AE IDRA (IN A, ANSAL	DA DA DIAN I	THE NET DRESS IS TOVEN, THE TOOL FOR STA	NETHERLANDS, NETHE	TONGUE NTRY	IG AT

DESIGN NUMBER	271241		
CLASS	12-15		
1) PODDAR TYRES LIMITED, JU (PUNJAB) INDIA (AN INDIAN COMPANY DULY 1956) OF THE ABOVE ADDRESS	,		
DATE OF REGISTRATION	08	8/04/2015	
TITLE	TYRE	FOR BICYCLE	
PRIORITY NA			
DESIGN NUMBER		219043	
CLASS		24-02	
1)OXOID LIMITED, A BRITISH OF WADE ROAD, BASINGSTOR		8PW, UNITED KINGD	
DATE OF REGISTRATION	1:	11/04/2008	
TITLE	DIAGNOS	STIC TEST STRIP	
PRIORITY PRIORITY NUMBER 29/306,598	DATE 11/04/2008	COUNTRY U.S.A.	
PRIORITY NUMBER	11/04/2008		
PRIORITY NUMBER 29/306,598	11/04/2008	U.S.A.	
PRIORITY NUMBER 29/306,598 DESIGN NUMBER	11/04/2008	U.S.A. 202454 12-16	
PRIORITY NUMBER 29/306,598 DESIGN NUMBER CLASS 1)MERAPALA VIJAYA KUMAR	, college road, raja	U.S.A. 202454 12-16	



DESIGN NUMBER	268922
CLASS	08-06

1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA

	DATE OF REGISTRATION	19/01/2015
TITLE SLIDER DOOR HANDLE	TITLE	SLIDER DOOR HANDLE



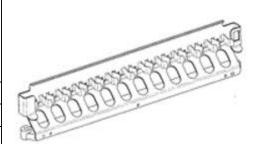
PRIORITY NA

DESIGN NUMBER	269328
CLASS	24-02

1)BECTON, DICKINSON AND COMPANY, A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED STATES OF AMERICA HAVING ITS REGISTERED OFFICE AT

1 BECTON DRIVE, FRANKLIN LAKES, NEW JERSEY 07417, UNITED STATES OF AMERICA

DATE OF REGISTRATION	05	5/02/2015
TITLE	SAMPLE	TUBE HOLDER
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
29/498782	07/08/2014	U.S.A.



ŀ	<i></i>	/+>	07	O	_			
Ξ								

DESIGN NUMBER	270487
CLASS	25-99

1) DELHI URBAN ART COMMISSION, OF

CORE-6A, UG & FIRST FLOOR, INDIA HABITAT CENTRE, LODHI ROAD, NEW DELHI-110003, INDIA

DATE OF REGISTRATION	23/03/2015
TITLE	PORTABLE TOILET



CLASS 1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMAN DATE OF REGISTRATION 10/03/2015			
VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMA			
DATE OF REGISTRATION 10/03/2015			
TITLE FURNITURE RACK			
PRIORITY			
PRIORITY NUMBER DATE COUNTRY			
002535237-0003 10/09/2014 OHIM			



DESIGN NUMBER	272892
CLASS	02-04

1)EUPHORIC INNOVATIONS PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 HAVING REGISTERED OFFICE AT

DOOR NO. VII/313 H, NH 17, P.O. KOLATHARA, KOZHIKODE-673655, KERALA, INDIA REPRESENTED BY ITS DIRECTOR MR. VELUTHEDATH ABDUL RASHEED, INDIAN, S/O. MR. VELUTHEDATH KUNHALI, AGED 37 (THIRTY SEVEN) YEARS

DATE OF REGISTRATION	19/06/2015
TITLE	FOOTWEAR SOLE
PRIORITY NA	

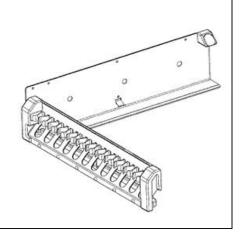


DESIGN NUMBER	269327
CLASS	24-02

1)BECTON, DICKINSON AND COMPANY, A COMPANY INCORPORATED UNDER THE LAWS OF THE UNITED STATES OF AMERICA HAVING ITS REGISTERED OFFICE AT

 $1\ \mathrm{BECTON}$ DRIVE, FRANKLIN LAKES, NEW JERSEY 07417, UNITED STATES OF AMERICA

DATE OF REGISTRATION		05/02/2	2015
TITLE	SAMPLE TUBE HOLDER		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
29/498782		07/08/2014	U.S.A.



CLASS 25-99	

1)DELHI URBAN ART COMMISSION, OF

CORE-6A, UG & FIRST FLOOR, INDIA HABITAT CENTRE, LODHI ROAD, NEW DELHI-110003, INDIA

DATE OF REGISTRATION	23/03/2015
TITLE	PORTABLE TOILET



PRIORITY NA

DESIGN NUMBER	270223		
CLASS	06-04		
1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF VAHRENKAMPSTRASSE 12-16, 32278 KIRCHLENGERN, GERMANY			
DATE OF REGISTRATION	10/03/2015		
TITLE	FURNITURE RACK		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
002535237-0002		10/09/2014	OHIM



DESIGN NUMBER	272655
CLASS	12-11

1)MR. PARAMJEET SINGH NARANG INDIAN NATIONAL, CARRYING ON BUSINESS ADDRESS AT

745, BUDHWAR PETH, PHADKE HAUD CHOWK, PUNE-411002, MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/06/2015
TITLE	CYCLE



DESIGN NUMBER	271102
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	272890
CLASS	02-04

1)EUPHORIC INNOVATIONS PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 HAVING REGISTERED OFFICE AT

DOOR NO. VII/313 H, NH 17, P.O. KOLATHARA, KOZHIKODE-673655, KERALA, INDIA REPRESENTED BY ITS DIRECTOR MR. VELUTHEDATH ABDUL RASHEED, INDIAN, S/O. MR. VELUTHEDATH KUNHALI, AGED 37 (THIRTY SEVEN) YEARS

DATE OF REGISTRATION	19/06/2015
TITLE	FOOTWEAR SOLE
DDIODITY NA	



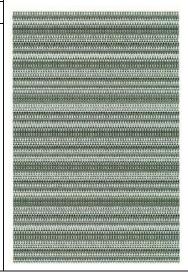
PRIORITY NA

DESIGN NUMBER	272495
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		268370	
CLASS		20-02	
1)WM. WRIGLEY JR. COMPA EXISTING UNDER THE LAWS (1132, W. BLACKHAWK STRE OF AMERICA	OF THE STATE O	F DELAWARE, U.S.A. OF	
DATE OF REGISTRATION		23/12/2014	
TITLE	PRODU	CT DISPLAY CONTAINER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
A2014/01012	26/06/2014	SOUTH AFRICA	
DESIGN NUMBER		269691	
CLASS		24-04	
625 ALJUNIED ROAD, #04-05. SINGAPORE 389836 DATE OF REGISTRATION	A ALJUNIED INDU	19/02/2015	
TITLE	HOLDER	SET FOR COOLING PADS	S
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
DM/084 334	22/08/2014	SWITZERLAND	
DESIGN NUMBER	2	70218	
DESIGN NUMBER	2		
CLASS	,		
CLASS 1)MB_ABUBWA_CIDISHBHAT		25-02	
CLASS 1)MR. APURVA GIRISHBHAI NATIONAL, HAVING HIS ADDI 15-RUPAL SOCIETY, PLOT NO HILL DRIVE, BHAVNAGAR-3640	SHETH, ADULT, A RESS AT, O. 2191/92, BEHINI	25-02 AN INDIAN D VADODARIYA PARK,	
1)MR. APURVA GIRISHBHAI NATIONAL, HAVING HIS ADDI 15-RUPAL SOCIETY, PLOT N	SHETH, ADULT, A RESS AT, O. 2191/92, BEHINI 002, GUJARAT STA	25-02 AN INDIAN D VADODARIYA PARK,	
1)MR. APURVA GIRISHBHAI NATIONAL, HAVING HIS ADDI 15-RUPAL SOCIETY, PLOT N HILL DRIVE, BHAVNAGAR-3640	SHETH, ADULT, A RESS AT, O. 2191/92, BEHINI 002, GUJARAT STA	25-02 AN INDIAN D VADODARIYA PARK, TE, INDIA	

DESIGN NUMBER	271099
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271257
CLASS	25-01

1)MR. GEORGE ABRAHIM, MR. FRANKLYN ABRAHAM AND MR. ALFRED A. MATHEW ALL INDIAN NATIONALITY AND PARTNERS OF THE FIRM APCO CONCRETE BLOCKS 7 ALLIED PRODUCTS HAVING OUR OFFICE AT

NO. 805, 14TH CROSS, 2ND PHASE, J. P. NAGAR, BANGALORE 560078

DATE OF REGISTRATION	08/04/2015
TITLE	CONCRETE BLOCK
PRIORITY NA	



PRIORITY NA

DESIGN NUMBER	202025
CLASS	19-06

1)FRANCO-INDIAN PHARMACEUTICALS PVT. LTD., A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956

AND HAVING ITS ADDRESS AT 20, DR. E. MOSES ROAD, MUMBAI-400 011, MAHARASHTRA, INDIAN NATIONAL.

DATE OF REGISTRATION	18/10/2005
TITLE	HIGHLIGHTER PEN



DESIGN NUMBER		272489	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	PANIES ACT, 19	956 HAVING ITS	ED
DATE OF REGISTRATION		03/06/2015	
TITLE	Т	EXTILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		218326	
CLASS			
1)CENTRAL INSTITUTE OF FRES COUNCIL OF AGRICULTURAL RE OF KAUSALYAGANGA, BHUBA INSTITUTE	ESEARCH)	,	'N
DATE OF REGISTRATION		01/09/2008	107
TITLE	HA	ARVEST TROLLEY	
PRIORITY NA			
DESIGN NUMBER		269490	
CLASS		07-02	~~
1)STANDARD BRANDS (UK) LIM EXISTING UNDER THE LAWS OF BUSINESS AT 4, CLEEVE COURT, CLEEVE ROA UNITED KINGDOM	UNITED KINGD	OM, HAVING PLACE OF	Minima Marian
DATE OF REGISTRATION		11/02/2015	11,00 1000 1
TITLE	PORTA	BLE COOKING STOVE	
PRIORITY			1.1.
PRIORITY NUMBER	DATE	COUNTRY	7 /

OHIM

12/08/2014

001419428-0001

DESIGN NUMBER	269129
CLASS	12-14

1)KINETIC GREEN ENERGY AND POWER SOLUTIONS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT KINETIC INNOVATIONS PARK, D-1 BLOCK, PLOT NO. 18/2, MIDC, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA

DATE OF REGISTRATION28/01/2015TITLETHREE WHEELER VEHICLE



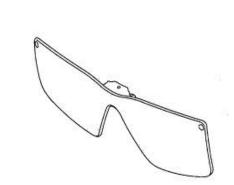
PRIORITY NA

DESIGN NUMBER	270384
CLASS	16-06

1)ALPHA PRIMITUS, INC A CORPORATION INCORPORATED UNDER THE LAWS OF BRITISH VIRGIN ISLANDS, HAVING ITS OFFICE AT

30 DE CASTRO STREET, WICKHAM'S CÂY 1, P.O. BOX 4519, ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS

DATE OF REGISTRATION	16/03/2015	
TITLE	ATTACHABLE SHIELD FOR GLASSES	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/502,448	16/09/2014	U.S.A.

DESIGN NUMBER	270559	
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	25/03/2015	
TITLE	CONNECTION TOOL FOR TONGUE STABILIZATION	



PRIORITY NUMBER	DATE	COUNTRY
002546598-0004	27/09/2014	OHIM

DESIGN NUMBER	271220
CLASS	09-07

1)MR. GHISULAL D. RATHOD, MR. PRADEEP G. RATHOD, MR. PANKAJ G. RATHOD, MR. GAURAV P. RATHOD, MRS. SANGEETA P. RATHOD AND MRS. BABITA P. RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO HOUSEHOLD PRODUCTS, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063

DATE OF REGISTRATION	08/04/2015	
TITLE	CAP FOR BOTTLE	
PRIORITY NA		



DESIGN NUMBER	270579	
CLASS	12-16	

1)MAHINDRA & MAHINDRA LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913

GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400 001. MAHARASHTRA. INDIA.

DATE OF REGISTRATION	26/03/2015	
TITLE	FRONT BUMPER OF A VEHICLE	
DDIODIES/ NA		



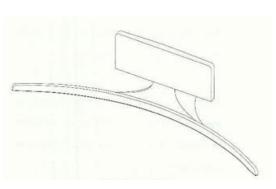
PRIORITY NA

DESIGN NUMBER	269802	
CLASS	14-99	

1) SAMSUNG ELECTRONICS CO., LTD. OF THE ADDRESS:

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA; NATIONALITY: REPUBLIC OF KOREA

DATE OF REGISTRATION		24/02/2015	
TITLE		STAND FOR TELEVISION	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2014-0041623	26/08/2014	REPUBLIC OF KOREA	



DESIGN NUMBER	270564	
CLASS	25-01	The second second second second
	INDIAN CITIZEN ADDRESS AT ΓREET, NEAR SATI KUND, KANKHAL, ND, INDIA	
DATE OF REGISTRATION	25/03/2015	
TITLE	BRICK	The same of the sa
PRIORITY NA		
DESIGN NUMBER	271081	
CLASS	05-05	
CHANDER BINDRA,	INDIAN INHABITANT) S/O LATE SHRI SATISH L VILLA, NEAR CSKM SCHOOL, SATBARI, NEW	
DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	રો મોલો કે કે સે સો કો સો
PRIORITY NA		
DESIGN NUMBER	272475	
CLASS	05-05	
UNDER THE PROVISION OF CORREGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	03/06/2015	
TITLE	TEXTILE FABRIC	E MAN CHANCE MAN
PRIORITY NA		

DESIGN NUMBER		202469	
CLASS		19-02	Market
1)SUKANT INDUSTRIES, AN INI OF 410/412A, BYCULLA SERVIO 400 027, (MAHARASHTRA), INDIA			Types day
DATE OF REGISTRATION	02	2/12/2005	Thursday
TITLE	CONT	'AINER (SET)	Friday
PRIORITY NA			
DESIGN NUMBER		268366	
CLASS		13-03	
1)YAZAKI CORPORATION, A JA 4-28, MITA 1-CHOME, MINATO-			
DATE OF REGISTRATION	2:	3/12/2014	
TITLE	FUSIBL	E LINK BLOCK	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	MIMIA
2014-014387	30/06/2014	JAPAN	
DESIGN NUMBER		270566	
CLASS		24-04	\dashv
1)MANNKIND CORPORATION, UNDER THE LAWS OF UNITED S BUSINESS AT 28903 NORTH AVENUE PAINE, AMERICA	TATES OF AMERICA	NIZED AND EXISTING A, HAVING PLACE OF	
DATE OF REGISTRATION	2:	5/03/2015	A
TITLE	MOUTH	IPIECE COVER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/504,212	02/10/2014	U.S.A.	_

DESIGN NUMBER	270215	
CLASS	25-03	
4)MD ADVIDAGA CADACADA A CADACADA A DATA DA ANAMANA A DATA DATA DA ANAMANA A DATA DA ANAMANA A DATA DATA DATA DA ANAMANA A DATA DA ANAMANA A DATA DATA DATA DATA DATA DATA DATA		

1)MR. APURVA GIRISHBHAI SHETH, ADULT, AN INDIAN NATIONAL, HAVING HIS ADDRESS AT,

15-RUPAL SOCIETY, PLOT NO. 2191/92, BEHIND VADODARIYA PARK, HILL DRIVE, BHAVNAGAR-364002, GUJARAT STATE, INDIA

DATE OF REGISTRATION	09/03/2015		
TITLE	PORTABLE TOILET UNIT		



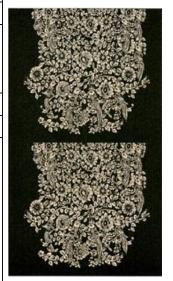
PRIORITY NA

DESIGN NUMBER	271082
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015			
TITLE	TEXTILE FABRIC			



PRIORITY NA

DESIGN NUMBER	272478
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	202537
CLASS	99-00

1)ANJU POLY PRODUCTS PVT. LTD., INDIAN COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956,

WHOSE ADDRESS IS 53-C/D, GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVALI(W), MUMBAI-400 067, MAHARASHTRA, INDIA

DATE OF REGISTRATION	21/12/2005
TITLE	DAMPENING PAD



PRIORITY NA

DESIGN NUMBER	269626
CLASS	06-03

1) GUILLAUME CHARVET OF THE ADDRESS

2311 CHEMIN DE LA NAVARRE, 83390 CUERS, FRANCE, A FRENCH CITIZEN

DATE OF REGISTRATION	13/02/2015
TITLE	SIDE TABLE

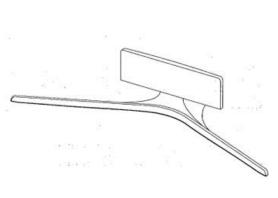


PRIORITY NA

30-2014-0041622

DESIGN NUMBER		269800		
CLASS		14-99		
1)SAMSUNG ELECTRONICS CO., LTD. OF THE ADDRESS: 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA; NATIONALITY: REPUBLIC OF KOREA				
DATE OF REGISTRATION		24/02/2015		
TITLE		STAND FOR TELEVISION		
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	

26/08/2014



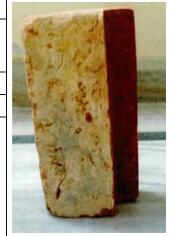
REPUBLIC OF KOREA

DESIGN NUMBER	270562
CLASS	25-01
1)SUBHASH KUMAR MODI, AN INDIAN CITIZEN ADDRESS AT	

1)SUBHASH KUMAR MODI, AN INDIAN CITIZEN ADDRESS AT PLOT NO.-8, KUMAR TYRES STREET, NEAR SATI KUND, KANKHAL,

HARIDWAR-249408, UTTARAKHAND, INDIA

DATE OF REGISTRATION	25/03/2015
TITLE	BRICK



PRIORITY NA

DESIGN NUMBER	271079
CLASS	05-05

1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074.

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC



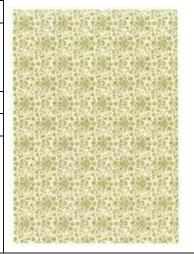
PRIORITY NA

DESIGN NUMBER	272469
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		202455	
CLASS	12-11		
1)MERAPALA VIJAYA KUMAR D.NO. 36-35-23. V.T.COLLEGE		RY-533101 (A.P.)	
DATE OF REGISTRATION	18	8/11/2005	
TITLE	МОТ	OR CYCLE	
PRIORITY NA			0
DESIGN NUMBER		271491	
CLASS		26-02	
1)DAIMA ENERGY SOLUTIONS 6 BACK DYKES, AUCHTERMU NATIONALITY: UNITED KINGDO	CHTY, FIFE, KY14 7DV	W, UNITED KINGDOM,	
DATE OF REGISTRATION	17	7/04/2015	
TITLE	L	ANTERN	
PRIORITY NUMBER 4037802	DATE 18/10/2014	U.K.	0000
DESIGN NUMBER		269419	
CLASS		20-03	
1)ADESH RAJENDHRA NAIDOO, SOUTH AFRICAN NATIONAL, 21 BAKER STREET, MALVERN, QUEENSBURGH, 4093 KWAZULU-NATAL, SOUTH AFRICA			
DATE OF REGISTRATION	09/02/2015		
TITLE	STREET POLE ADVERTISING BIN		
PRIORITY NA			

DESIGN NUMBER	270660
CLASS	09-01

1)NONGFU SPRING CO., LTD. A CHINESE COMPANY OF

NO. 181, GEYAZHUANG, XIHU DISTRICT, HANGZHOU, ZHEJIANG 310024, CHINA

DATE OF REGISTRATION	27/03/2015
TITLE	BOTTLE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201430366828.X	29/09/2014	CHINA

DESIGN NUMBER	270502
CLASS	14-03

1)M/S. D & Y TECHNOLOGIES PRIVATE LIMITED, A COMPANY INCORPORATED UNDER INDIAN COMPANY ACT, 1956 ADDRESS AT

B-8/14, 1ST FLOOR, VASANT VIHAR, NEW DELHI-110057, INDIA, INDIAN NATIONALITY

DATE OF REGISTRATION	23/03/2015
TITLE	MOBILE PHONE CASE



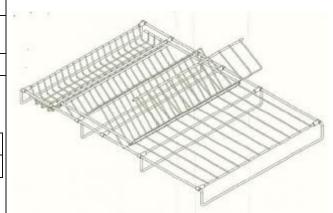
PRIORITY NA

DESIGN NUMBER	270237
CLASS	06-04

1)PAUL HETTICH GMBH & CO. KG, A GERMAN COMPANY OF

VAHRENKAMPSTRASTRASSE 12-16, 32278 KIRCHLENGERN, GERMANY

DATE OF REGISTRATION	10/03/2015	
TITLE	FURNITURE RACK	



PRIORITY NUMBER	DATE	COUNTRY
002535237	10/09/2014	OHIM

DESIGN NUMBER		272667		
CLASS		09-01		
1)NONGFU SPRING CO., LTD. A NO. 181, GEYAZHUANG, XIHU CHINA				
DATE OF REGISTRATION	10	10/06/2015		
TITLE	I	BOTTLE		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
201430519570.2	12/12/2014	CHINA		
DECICAL NITIM DED		203548		
DESIGN NUMBER				
CLASS		02-04		
CLASS 1)RADHA KRISHNA POLYMER WHOSE ADDRESS IS T-5/254, I DELHI-110083, (INDIA)	RS, A REGISTERED PA MANGOLPURI INDUST	02-04 ARTNERSHIP FIRM, FRIAL AREA PHASE 1,	H	
CLASS 1)RADHA KRISHNA POLYMER WHOSE ADDRESS IS T-5/254, I DELHI-110083, (INDIA) DATE OF REGISTRATION	RS, A REGISTERED PA MANGOLPURI INDUST	02-04 ARTNERSHIP FIRM, PRIAL AREA PHASE 1, 7/03/2006		
1)RADHA KRISHNA POLYMER	RS, A REGISTERED PA MANGOLPURI INDUST	02-04 ARTNERSHIP FIRM, FRIAL AREA PHASE 1,		
CLASS 1)RADHA KRISHNA POLYMER WHOSE ADDRESS IS T-5/254, I DELHI-110083, (INDIA) DATE OF REGISTRATION	RS, A REGISTERED PA MANGOLPURI INDUST	02-04 ARTNERSHIP FIRM, PRIAL AREA PHASE 1, 7/03/2006		
CLASS 1)RADHA KRISHNA POLYMER WHOSE ADDRESS IS T-5/254, 1 DELHI-110083, (INDIA) DATE OF REGISTRATION TITLE PRIORITY NA	RS, A REGISTERED PA MANGOLPURI INDUST	02-04 ARTNERSHIP FIRM, PRIAL AREA PHASE 1, 7/03/2006		
CLASS 1)RADHA KRISHNA POLYMER WHOSE ADDRESS IS T-5/254, I DELHI-110083, (INDIA) DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	RS, A REGISTERED PA MANGOLPURI INDUST	02-04 ARTNERSHIP FIRM, PRIAL AREA PHASE 1, 7/03/2006 OTWEAR		
CLASS 1)RADHA KRISHNA POLYMER WHOSE ADDRESS IS T-5/254, I DELHI-110083, (INDIA) DATE OF REGISTRATION TITLE	RS, A REGISTERED PA MANGOLPURI INDUST 1' FC	02-04 ARTNERSHIP FIRM, PRIAL AREA PHASE 1, 7/03/2006 OOTWEAR 270362 04-01 RESIDENT OF	I-	
CLASS 1)RADHA KRISHNA POLYMER WHOSE ADDRESS IS T-5/254, IDELHI-110083, (INDIA) DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)MR. KAVINDRA VORA AN IN 21, NEW MANU BHUVAN, BHA	RS, A REGISTERED PA MANGOLPURI INDUST 1' FC RDIVIDUAL - INDIAN AGAT SINGH ROAD, V	02-04 ARTNERSHIP FIRM, PRIAL AREA PHASE 1, 7/03/2006 OOTWEAR 270362 04-01 RESIDENT OF	I-	

DESIGN NUMBER	270126
CLASS	14-03

1)VIJAYBHAI BABUBHAI BARAIYA, INDIAN NATIONAL, HAVING THE PRINCIPAL PLACE OF BUSINESS AT 7-BHAKTI NAGAR STATION PLOT, RAJKOT, GUJARAT, INDIA AND HAVING THE APPLICANT VIJAYBHAI BABUBHAI BARAIYA RESIDING AT

RAIYA ROAD, CHOTU NAGAR, RAJKOT, GUJARAT, INDIAN NATIONAL

DATE OF REGISTRATION	04/03/2015	
TITLE	CASE FOR MOBILE PHONE	



PRIORITY NA

DESIGN NUMBER	272549
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
DDIODIES/ NA	



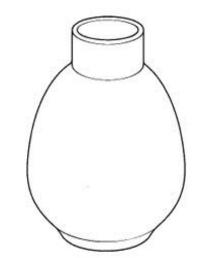
PRIORIT	Y	NA
---------	---	----

DESIGN NUMBER	270734	
CLASS	09-01	

1)VITBOT EUROPE S.L A COMPANY INCORPORATED UNDER THE LAWS OF SPAIN WHOSE ADDRESS IS

C. BATIPALMES 407, 08350 ARENYS DE MAR-SPAIN

DATE OF REGISTRATION	30/03/2015
TITLE	BOTTLE



PRIORITY NUMBER	DATE	COUNTRY
002547869-0002	30/09/2014	OHIM

DESIGN NUMBER		269097		
CLASS		13-03		
1)MR. KAPIL JAIN AN INDI A-302, VASTU PARK, EVER MUMBAI-400064		AL - INDIAN RESIDENT OF E NAGAR, MALAD (WEST),		
DATE OF REGISTRATION	28/01/2015			
TITLE	SWITCH COVER PLATE			
PRIORITY NA				
DESIGN NUMBER		271047		
CLASS		10-04		
(PB.) INDIA (AN INDIAN COMPANY DI 1956) OF THE ABOVE ADDRES DATE OF REGISTRATION		EGISTERED UNDER THE COMPA	ANIES ACT,	
TITLE		BABY WEIGHING SCALE		
PRIORITY NA		DIDI WEKIMA GE		
DESIGN NUMBER		270558		
CLASS		24-02		0
UNDER THE LAWS OF THE I EINDHOVEN, WHOSE POST-	KINGI OFFI	COMPANY ORGANIZED AND DOM OF THE NETHERLANDS, ICE ADDRESS IS EINDHOVEN, THE NETHERLAND	RESIDING AT	
DATE OF REGISTRATION		25/03/2015		
TITLE		ADJUSTMENT TOOL FOR ' STABILIZATION	ΓONGUE	3

COUNTRY

OHIM

DATE

27/09/2014

PRIORITY

PRIORITY NUMBER

002546598-0005

DESIGN NUMBER	270263	
CLASS	07-05	0
1)CHETAN GAJANAN CHINCHA ADDRESS: PLOT NO. B-106, MID COMPANY, MIDC, AHMEDNAGAR-		
DATE OF REGISTRATION	11/03/2015	
TITLE	IRON HOLDER	2
PRIORITY NA		