# पेटेंट कार्यालय शासकीय जर्नल

# OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 31/2015 ISSUE NO. 31/2015

शुक्रवार FRIDAY दिनांक: 31/07/2015

DATE: 31/07/2015

# 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 01<sup>st</sup> 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

31<sup>ST</sup> JULY, 2015

# **CONTENTS**

SUBJECT		PAGE NUMBER
JURISDICTION	:	46088 – 46089
SPECIAL NOTICE	:	46090 – 46091
CORRIGENDUM (KOLKATA)	:	46092
WITHDRAWAL OF APPLICATION UNDER SECTION 11B(4) OF THE ACT(RULE 26) PROVISIO(i)	:	46093
EARLY PUBLICATION (DELHI)	:	46094 – 46126
EARLY PUBLICATION (MUMBAI)	:	46127 – 46141
EARLY PUBLICATION (CHENNAI)	:	46142 – 46173
PUBLICATION AFTER 18 MONTHS (DELHI)	:	46174 – 46427
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	46428 – 46606
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	46607 – 46802
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	46803 – 46836
PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENT (MUMBAI)	:	46837
PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)	:	46838
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	46839 – 46845
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	46846
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	46847 – 46851
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	46852 – 46853
INTRODUCTION TO DESIGN PUBLICATION	:	46854
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	46855
COPYRIGHT PUBLICATION	:	46856
REGISTRATION OF DESIGNS	:	46857 - 46931

# THE PATENT OFFICE KOLKATA, 31/07/2015

#### **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	•	-	
	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 E-mail: cgpdtm@nic.in		Phone: (91)(44) 2250 2081-84  Fax : (91)(44) 2250 2066  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, Boudhik Sampada Bhavan,	5	The Patent Office (Head Office), 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
	<ul> <li>The States of Gujarat, Maharashtra, Madhya</li> </ul>		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		
	пачен	-	❖ Rest of India
3	The Patent Office,		* Rest of filula
3	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: <u>delhi-patent@nic.in</u>		
	The States of Haryana, Himachal Pradesh, Jammu		
	and Kashmir, Punjab, Rajasthan, Uttar Pradesh,		
	Uttaranchal, Delhi and the Union Territory of		
	Chandigarh.		

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 31/07/2015

## • कार्यालयों के क्षेत्राधिकार के पते

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

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प	4	पेटेंट कार्यालय, भारत सरकार
	तथा व्यापार चिहन,		इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट
	एंटोप हिल डाकघर के समीप,		एसआईडीसीओ आरएमडी गोडाउन एरिया
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत,		एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी
	फोन: (91) (22) 24123311		चेन्नई - 600 032.
	फ़ैक्सः (91) (22) 24123322		फोन: (91)(44) 2250 2081-84
	ई. मेल: cgpdtm@nic.in		फ़ेक्स: (91)(44) 2250-2066
			ई. मेल: chennai-patent@nic.in
			<ul> <li>आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु</li> </ul>
			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-		
			<ul> <li>भारत का अवशेष क्षेत्र</li> </ul>
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		
	वेबमाइटः 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 18<sup>th</sup> 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.

# **CORRIGENDUM (KOLKATA)**

The application 1551/kol/2011 which has been published on 17/07/2015 vide J No: 29/2015. Wherein, the following information read as: Priority document No; 10382335.7; Priority Date: 14/12/2010; Name of the priority Country: EUROPEAN UNION

# WITHDRAWAL OF APPLICATION UNDER SECTION 11B(4) OF THE ACT(RULE 26) PROVISIO(i)

APPLICATON NUMBER 2374/KOLNP/2006, FILED BY LG CHEM.LTD, A KOREAN COMPANY OF LG TWIN TOWER.20,YOIDO-DONG,YOUNGDUNGPO-GU,SEOUL 150-721, REPUBLIC OF KOREA, HAS BEEN WITHDRAWN WITH EFFECT FROM 24.7.2015.

# **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.1265/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :06/05/2015 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: A METHOD FOR USER AUTHENTICATION VIA DROPPED CALLS

(51) International classification	·H04M3/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Balwinder Singh Sodhi
(32) Priority Date	:NA	Address of Applicant :House No 79, Ward No 1, Nalagarh
(33) Name of priority country	:NA	Himachal Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Balwinder Singh Sodhi
(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 novel authentication system that uses a dropped call • as a new authentication factor has been described. Major elements of the authentication system are: a pool of programmable phones, an authentication server, a data store and a communication medium connecting these elements. Authenticating users enrol with the authentication server by supplying their phone number, Pu, as identity. During authentication a user is prompted by the authentication server to supply his/her enrolled phone number, Pu. After checking the existence of an entry for Pu in enrolment data store, the authentication server solicits a dropped call from the user at a specific phone number, Ps, of the server. The authentication server successfully authenticates the user only after detecting a dropped call received at Ps from the user<sup>TM</sup>s enrolled phone number Pu. Additional authentication factors such as a password may also be combined with the dropped call in order to authenticate the user.

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

(22) Date of filing of Application :29/06/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A PROCESS OF TRIM CUTTING OF WORK MATERIAL FOR WIRE ELECTRICAL DISCHARGE MACHINING (WEDM) USING NIMONIC-90

(51) International classification	:B23H1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Vinod Kumar
(32) Priority Date	:NA	Address of Applicant :Department of Mechanical Engineering,
(33) Name of priority country	:NA	YMCA University of Science & Technology,NH-2,Sector
(86) International Application No	:NA	6,Mathura Road, Faridabad (Haryana)- 121006 India
Filing Date	:NA	2)Kamal Kumar
(87) International Publication No	: NA	3)Vikas Kumar
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vinod Kumar
(62) Divisional to Application Number	:NA	2)Kamal Kumar
Filing Date	:NA	3)Vikas Kumar

#### (57) Abstract:

In present work, a comparative experimental study has been presented on rough cut, trim cut using distilled water and trim cut using Al and Si metal powders in dielectric fluid for WEDM of Nimonic-90. Firstly, the influence of discharge energy in rough cut has been evaluated for machining rate (MR) and surface roughness (SR) and then, compared with trim cut without any metal powder additives in dielectric fluid. The influence of Al and Si metal powders (varying concentration of 1g/L, 2g/L and 3g/L) in dielectric fluid has been evaluated separately and compared for MR, SR, recast layer and micro hardness of machined Nimonic-90. Using trim cut, a fine and uniform surface texture was obtained irrespective of the high discharge energy of rough cut. Addition of Al and Si powders shows a significant reduction in MR for trim cutting operation whereas a remarkable modification has been obtained in surface textures after trim cut using metal powder mixed dielectric. SR improves with a concentration of 1g/L and then shows a little increase with high concentration of both metal powders. Using metal powder in dielectric fluid, the recast layer becomes smooth and denser and thus, micro hardness increases.

No. of Pages: 25 No. of Claims: 8

(21) Application No.2008/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :02/07/2015 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: A CAR PARKING ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:E04H6/00 :NA :NA :NA :NA :NA : NA :NA :NA	(71)Name of Applicant:  1)HCL Technologies Limited   Address of Applicant: B-39, Sector 1, Noida 201 301, Uttar Pradesh India (72)Name of Inventor:  1)ROHILLA, Shailendra Kumar 2)TOMAR, Shivani 3)SAINI, Navin
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

Disclosed is a car parking assembly (100). In one aspect, the car parking assembly (100) comprises a rail mechanism (104) and a plurality of V-bars (106) mounted on the rail mechanism (104) to facilitate the parking of a car and horizontal movement of a parked car respectively. The rail mechanism (104) further comprises a first rail (202), a second rail (204) and a plurality of equally spaced connection. The V-bars (106) further comprises a first bar (502) for facilitating parking of a rear wheel of the car and a second bar (506) for facilitating parking of a front wheel of the car and wherein one end of the first bar (502) and one end of the second bar (506) are connected such that to form a obtuse angle.

No. of Pages: 19 No. of Claims: 4

(21) Application No.6420/DELNP/2015 A

(19) INDIA

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

#### (54) Title of the invention: UTILITY VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F01N3/08 :NA :NA :NA :PCT/JP2014/054764 :26/02/2014 :WO 2014/185118 :NA :NA :NA	(71)Name of Applicant:  1)KOMATSU LTD.  Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor:  1)MORI Tadashi  2)MORIMOTO Kazuyoshi 3)YAMASHITA Hiroshi
---	---	---

#### (57) Abstract:

A utility vehicle provided with an engine an exhaust gas purification device a reducing agent tank an engine coolant circuit a branched passage a valve a receiving unit and a valve control unit. The exhaust gas purification device purifies the nitrogen oxides in the exhaust gas discharged from the engine. The reducing agent tank stores a reducing agent that is to be supplied to the exhaust gas purification device. The engine coolant circuit includes a water pump that uses the engine to drive the circulation in a circulation passage of the coolant for cooling the engine. The branched passage is provided so as to use the engine coolant to exchange heat with the reducing agent inside the reducing agent tank. The valve controls the supply of engine coolant to the branched passage. The receiving unit receives operational instructions from the operator. The valve control unit instructs the valve to open following an operational instruction from the operator.

No. of Pages: 35 No. of Claims: 6

(21) Application No.1561/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :01/06/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ZIRCONIUM TREATED SODIUM ALUMINOSILICATES AND METHODS OF MAKING SAME

(61) Patent of Addition to Application Number Filing Date	:14/527,861 :30/10/2014 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)J.M. Huber Corporation Address of Applicant: 3100 Cumberland Blvd, Suite 600, Atlanta, Georgia 30339, United States of America. (72)Name of Inventor: 1)HUA, Duen-Wu
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Aluminosilicate pigments enriched by zirconium treatment, and methods of making the pigments, are disclosed. Such zirconium-containing aluminosilicate pigments can have a unique combination of small particle size, high surface area, low oil absorption, and neutral pH. These pigments can be used in various paint and coating applications, such as a TiO2 extender, offering improved properties to the finished paint or coating.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :06/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DENTAL COMPOSITE MATERIAL HAVING STABLE PASTY PROPERTY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:2014- 154179 :29/07/2014	(71)Name of Applicant: 1)SHOFU INC. Address of Applicant:11 Kamitakamatsu-cho, Fukuine, Higashiyama-Ku, Kyoto 605-0983, Japan,
(33) Name of priority country (86) International Application No	:Japan :NA	(72)Name of Inventor : 1)YUSEI KADOBAYASHI
Filing Date	:NA	2)MASAKO SHIGEZAWA
(87) International Publication No	: NA :NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A composite material including silanated filler and mixed polymerizable monomer, having a stable pasty property which keeps well and has a consistent usability. A composite material containing a silanated filler, a polymerizable monomer, and a polymerization initiator, and may be produced by a process which includes a mixed polymerizable monomer preparing step, a silanation step, a silanated filler preserving step, a composite material preparing step, a composite material filling step, and a small quantity preserving container preserving step.

No. of Pages: 56 No. of Claims: 12

(22) Date of filing of Application :05/07/2015 (4

(43) Publication Date : 31/07/2015

# (54) Title of the invention: A SYSTEM FOR ROBOTIC INSPECTION OF OVERHEAD TRANSMISSION LINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B25J13/08, B61B7/00, :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Malaviya National Institute of Technology Address of Applicant: Malaviya National Institute of Technology Jawaharlal Nehru Marg, Malviya Nagar, Jaipur, Rajasthan 302017 India (72)Name of Inventor: 1)Dr. Rajesh Kumar 2)Akash Shah 3)Akshay Kumar 4)Anshul Mittal 5)Maitreyee Ashvin Mehta 6)Mihika Gupta 7)Rajat Kumar Arya 8)Sharad Garg 9)Vishakha Tyagi
---	---	---

## (57) Abstract:

The Proposed solution comprises three segments: Mechanical drive system, Communication, and Control System. For the mechanical drive system, multiple interconnected units are designed to traverse across the transmission wires running between electrical poles as well as through the jumper wires and sharp turns. The communication system has two segments: (a) Modules integrated with the system and (b) Control Box at the Control Station. The control system comprises two segments: (a) Orientation of the system and (b) Line Monitoring using Sensors and Cameras.

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

(21) Application No.2096/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR ENHANCING SECURITY OF CARD BASED FINANCIAL TRANSACTION

(51) International classification	:G06Q40/00,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Comviva Technologies Limited
(32) Priority Date	:NA	Address of Applicant :A-26, Info City, Sector 34, Gurgaon-
(33) Name of priority country	:NA	122001, Haryana, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAIN, Manish Kumar
(87) International Publication No	: NA	2)GOYAL, Gaurav
(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 method and system for enhancing security of card based financial transaction. In one embodiment, a method 100 comprises: receiving 101, in respect of an account, a request for switching a currently active location based authentication mode, the account being associated with one or more cards issued to a user of the account by one or more issuers; disabling 102 the currently active location based authentication mode for said one or more cards; and enabling 103 an alternative location based authentication mode for said one or more cards, said alternative location based authentication mode being based on one or more user-defined locations.

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

(22) Date of filing of Application :03/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEMS FOR ASSISTING VISUALLY IMPAIRED

(51) International classification	:G06K9/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.EKRAM KHAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRONICS
(33) Name of priority country	:NA	ENGINEERING, ALIGARH MUSLIM UNIVERSITY,
(86) International Application No	:NA	ALIGARH-202002, U.P., INDIA
Filing Date	:NA	2)MR.ABHINANDAN JAIN
(87) International Publication No	: NA	3)MR.SHASHANK VARSHNEY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.EKRAM KHAN
(62) Divisional to Application Number	:NA	2)MR.ABHINANDAN JAIN
Filing Date	:NA	3)MR.SHASHANK VARSHNEY

## (57) Abstract:

The present invention shall assist and enhance the mobility of visually impaired people. The invention particularly assists the blind people in their movement by providing them information for the presence of any obstacle in their path in advance which otherwise could hinder their walking.

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

(21) Application No.6097/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/07/2015 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: METHOD TO DEVELOP HERBICIDE RESISTANT SUGAR BEET PLANTS

(51) International classification :C12N15/82,A01H3/04,A01H4/00 (71)Name of Applicant :
(31) Priority Document No :12196858.0 1)SESVANDERHAVE (32) Priority Date :13/12/2012 Address of Applicant (33) Name of priority country :EPO No.15 B 3300 Tienen Bel (72)Name of Inventor :
No. 19 PCT/EP2013/076618 (72)Name of Inventor :

Filing Date :13/12/2013

(87) International Publication :WO 2014/091021

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

Number :NA :NA :NA

(57) Abstract:

1)SESVANDERHAVE N.V.
Address of Applicant :Industriepark Soldatenplein Zone 2
No.15 B 3300 Tienen Belgium
(72)Name of Inventor:
1)WEYENS Guy
2)LEF^BVRE Marc
3)HAIN R<sup>1</sup>/<sub>4</sub>diger
4)JOHANN Gerhard

A method for producing herbicide resistant sugar beet plant comprising the steps of: obtaining protoplasts from stomatal guard cells isolated from a sugar beet plant; applying to the cellsa composition comprising an ALS herbicide at a concentration which is lethal to the said cells; and regenerating sugar beet plants from the surviving cells.

No. of Pages: 62 No. of Claims: 24

(21) Application No.6418/DELNP/2015 A

(19) INDIA

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

(54) Title of the invention: WORK VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F01N3/08 :NA :NA :NA :PCT/JP2014/050427 :14/01/2014 :WO 2014/192320 :NA :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant:2-3-6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)MORI Tadashi 2)YOGITA Jin
--	---	--

#### (57) Abstract:

A work vehicle is provided with: an engine; a spray device that sprays a reducing agent at the exhaust gas discharged from the engine; a determination unit that determines whether or not the spray device is in a high temperature state; a stop determination unit that determines whether or not the engine has stopped when the determination unit determines that the spray device is in a high temperature state; a counter that counts the number of times the engine stops when it is determined based on the determination of the stop determination unit that the spray device is in a high temperature state; and a warning unit that transmits a warning regarding the stopping of the engine when the count value of the counter exceeds a first prescribed value.

No. of Pages: 54 No. of Claims: 7

(21) Application No.6419/DELNP/2015 A

(19) INDIA

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

(54) Title of the invention: WORK VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F02D17/00 :NA :NA :NA :PCT/JP2013/069742 :22/07/2013 :WO 2015/011748 :NA :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)MORI Tadashi 2)YOGITA Jin
--	--	---

#### (57) Abstract:

This work vehicle comprises an engine an idle stop execution unit a determination unit a count unit and an idling time adjustment unit. The engine can run in a first idling state in which the engine runs at a prescribed engine speed and a second idling state in which the engine runs at a speed higher than the prescribed engine speed. The idle stop execution unit executes idle stop operations to stop the engine when the first idling state or the second idling state continues for a prescribed time. The determination unit determines on the basis of rotation information pertaining to the engine speed whether stopping by the idle stop operations was from the second idling state. The count unit counts the number of engine stops from the second idling state on the basis of the determination results of the determination unit. An idle stop time adjustment unit increases from the current time the prescribed time for the second idling state which is the execution condition for idle stop operations when the number of engine stops that are counted by the count unit is greater than or equal to the prescribed count.

No. of Pages: 86 No. of Claims: 12

(21) Application No.2022/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :03/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: PECJAC COOLING JACKET

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:F01P3/02 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MR.S.K.GUPTA Address of Applicant:257,GH-4 PASCHIM VIHAR MEERA APPARTMENT PASCHIM VIHAR-DELHI-63 India (72)Name of Inventor: 1)RIJUL KALA
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

We used the basic principle of peltler effect in which by applying an electric voltage potential we get a temperature gradient. We used a series battery (3000MAH, 8V), compact peltler plates, low usage fans, light aluminium heat sink. When the battery is connected to the plates and circuit switched on, a gradient is created which is proportional to the voltage applied. A person wearing the jacket observes the cooling on upper body due to the temperature difference created in the surrounding region.

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

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

## (54) Title of the invention: ELECTRONIC WALLET

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06Q20/34 :NA :NA :NA	(71)Name of Applicant:  1)HCL Technologies Limited Address of Applicant: B-39, Sector 1, Noida 201301, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)DHALIWAL, Jasbir Singh
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is an electronic wallet that may comprise a biometric authentication module for authenticating an owner of the electronic wallet. The owner may be authenticated by verifying authentication credentials received from the owner. The electronic wallet further comprises a scanner configured to scan one or more currency notes inserted or withdrawn for determining an amount of the one or more currency notes present in the electronic wallet. The electronic wallet further comprises a wireless communication means for establishing a communication channel between the electronic wallet and a communication device. The electronic wallet further comprises a demagnetization means for demagnetizing a strip of a financial instrument present in the electronic wallet based upon occurrence of at least one of the predefined events thereby rendering the financial instrument useless in order to avoid misuse of the electronic wallet.

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

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

#### (54) Title of the invention: METHOD AND SYSTEM FOR MEASURING A PERPENDICULAR WIND COMPONENT

:G01P5/02,H02G1/02,H02G7/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/709474

(32) Priority Date :10/12/2012 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/EP2013/055180

Filing Date :13/03/2013 (87) International Publication No: WO 2014/090416

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)AMPACIMON S.A.

Address of Applicant : Rue des Chasseurs Ardennais 4 B 4031

Angleur Belgium

(72) Name of Inventor:

1)LILIEN Jean Louis 2)NGUYEN Huu Minh

3)GODARD Bertrand

#### (57) Abstract:

The present invention concerns a method for measuring a perpendicular wind speed component with respect to a suspended cable span (2) comprising the steps of monitoring a motion of at least one point of said suspended cable span (2) over a time interval and determining whether said motion comprises an Aeolian vibration. If said motion is not determined to comprise an Aeolian vibration a transverse swing angle of the suspended cable span (2) is measured and said perpendicular wind speed component is calculated as a function of said transverse swing angle whereas if said motion is determined to comprise an Aeolian vibration a frequency of said Aeolian vibration is measured and said perpendicular wind speed component is calculated as a function of said Aeolian vibration frequency.

No. of Pages: 46 No. of Claims: 22

(22) Date of filing of Application :04/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : REAL-TIME TRACKING OF STATUS ASSOCIATED WITH SHIPMENT OF A PLURALITY OF CONSIGNMENTS

(51) International classification	:G06O30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAMAMOORTHY, Krishna Kumar
(87) International Publication No	: NA	2)M, Madhusudhan R
(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 system for real-time tracking of status associated with shipment of a plurality of consignments. An input file upload module uploads an input file comprising details of one or more parameters associated to each of a plurality of consignments. An address determining module determines an address of a carrier website corresponding to each of the plurality of consignments. The address may be determined based on a prefix number concatenated with the unique identification number. A communication module communicates, in real-time with the carrier website via the address in order to extract shipment status of each of the plurality of consignments. A collating module collates the shipment status corresponding to each of the plurality of consignments. A display module displays the shipment status collated in a pre-defined format to a user thereby facilitating the real-time tracking of status associated with shipment of the plurality of consignments.

No. of Pages: 23 No. of Claims: 9

(22) Date of filing of Application :13/07/2015 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: FUEL LEVEL INDICATOR SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01F23/30, G01F23/36 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)JNS INSTRUMENTS LIMITED  Address of Applicant:PLOT NO:-4, SECTOR-3, IMT  MANESAR, GURGAON Haryana India (72)Name of Inventor:  1)RAJESH SINGH  2)ARUN KUMAR SHARMA 3)DEEPAK KUMAWAT  4)PANKAJ YADAV
---	---	---

#### (57) Abstract:

The present subject matter relates to a system for detecting and displaying the level of fuel in an automotive fuel tank wherein the system includes a fuel level detector for detecting the level of fuel remaining in the fuel tank to display the status bar of the fuel level. The system is provided with an electronic circuit structure for governing the display of the fuel level in a vehicle information display information display instrument wherein the electronic circuit structure is supplied with a regulated voltage supplied from an ignition circuit to the electronic circuit structure, and a comparator provided with the electronic circuit structure to compare the regulated voltage with a plurality of reference voltages allocated to each respective level of the fuel remaining in the fuel tank. The system is further provided with plurality of light emitting diodes assigned to the respective reference voltages that correspond to the level of the fuel remaining in the fuel tank wherein the light emitting diodes are of different colors so as to indicate various levels of the fuel remaining in the fuel tank in respective different colors. Additionally, the multiple light emitting diodes may be replaced with a RED GREEN BLUE (RGB) light emitting diode also. Hence, the present subject matter discloses an improved, advanced, reliable, and customers friendly vehicle information display instrument.

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

(22) Date of filing of Application :09/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: COMPOSITE MATERIAL HAVING REDUCED DEGRADATION OF PASTY PROPERTY\*\*

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:Japan :NA :NA : NA :NA	(71)Name of Applicant: 1)SHOFU INC. Address of Applicant:11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983, Japan (72)Name of Inventor: 1)YUSEI KADOBAYASHI 2)MASAKO SHIGEZAWA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A composite material including silanated filler and mixed polymerizable tnonomer, having a stable pasty property which keeps well and has a consistent asability. A composite material containing a silanated filler, a polymerizable monomer, and a polytnerization initiator, and may be produced by a process which includes in order of a tilixed polymerizable monomer preparing step, a mixed polymerizable monotner preserving step, a composite material preparing step, a composite tnaterial preserving step, a cotiiposite tnaterial filling step, atid a stiiall quantity preservitig container preserving step.

No. of Pages: 52 No. of Claims: 14

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

(43) Publication Date: 31/07/2015

# (54) Title of the invention : CONSTRUCTION EQUIPMENT AND OPERATING STATUS MANAGEMENT SYSTEM FOR CONSTRUCTION EQUIPMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q50/08 :NA :NA :NA :NA :PCT/JP2014/076186 :30/09/2014 :WO 2015/072238 :NA :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)TANAKA Tsuyoshi 2)SHIMAZU Mitsuhiro 3)KOMORI Shinya 4)KAMADA Seiji
--	---	--

#### (57) Abstract:

This operating status management system for construction equipment includes: a management device that communicates with the construction equipment and manages the operating status of the construction equipment; a cumulative value storage device that stores a cumulative value for an accumulated operating amount of the construction equipment and that has a function for adjusting the stored cumulative value; an adjustment determination unit that determines whether the cumulative value stored in the cumulative value storage device has been adjusted; and construction equipment including a communication terminal device that can communicate with the management device and if the adjustment determination unit determines that an adjustment has been made transmits adjustment information at least indicating that the cumulative value has been adjusted to the management device.

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

(22) Date of filing of Application :20/07/2015

(43) Publication Date: 31/07/2015

# (54) Title of the invention : NOVEL METHODOLOGY FOR PRECAST METHODS OF HIGHWAY DRAINAGE SYSTEM IN MAJOR NATIONAL HIGHWAY

(51) International classification (31) Priority Document No	:B29C33/30 :NA	(71)Name of Applicant: 1)DEVADOSS SURESH PETER
(32) Priority Date	:NA	Address of Applicant :128/318, H BLOCK, KIDWAI
(33) Name of priority country	:NA	NAGAR, KANPUR CITY Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DEVADOSS SURESH PETER
(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 two stage construction methodology and product of major highway drainage system (ie. Precast section of identical cross sections and cast-insitu side walls of variable height, connecting PVC pipes from highway kerb, highway kerb integrally cast with side walls of drainage, earth filling, removable footpath tiles at top level and removable top slab of concealed drainage and deletion of outer side walls of cast in situ portion if it is redundant and product made of novel box shaped RCC section or novel trapezoidal shaped RCC section with separated footpath at top.

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

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

(43) Publication Date: 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING CHANGE BASED TESTING OF A SOFTWARE CODE USING ANNOTATIONS

(51) International classification	·G06F9/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHACKO, Simy
(87) International Publication No	: NA	2)PONAKALA, Suresh Naidu
(61) Patent of Addition to Application Number	:NA	3)DHANYAMRAJU, S U M Prasad
Filing Date	:NA	4)SHOLAYAPPAN, Shiva
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present disclosure discloses system and method for facilitating change based testing of a software code using annotations. The software code modified by a first-user may be received. The modification is done at a code level in the software code. The system prompts the first-user to insert annotations corresponding to the modification. Further, the system itself inserts a hash values corresponding to the modification. Further, the annotations are encrypted by the system. Further, the software code is converted into software binary comprising the annotations and the hash value. The system further enables a second user to trace the modifications by comparing the hash value with a previous hash value, extracting the annotations, and identifying code elements impacted due to the modification. Further, the code elements modified are mapped with their respective operation attributes. Based on the mapping, traceability matrix is generated which is utilized by the second user for testing.

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

(21) Application No.2184/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: PRE-FAB BR HOUSE

(51) International classification	:E04B1/343	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VINAY KUMAR TIWARI
(32) Priority Date	:NA	Address of Applicant :304, NUTAN APPARTMENT,
(33) Name of priority country	:NA	KANKARBAGH MOR,PATNA. Bihar India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VINAY KUMAR TIWARI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA	

#### (57) Abstract:

For a common man in the country like India bread, clothes and houses are still a mere dream. Lots and lots of population is this whole world doesnot have proper house to reside in. Present work concerned with the fabrication of cost-effective, earthquake resistant and eco-friendly houses. The technology is so effective that is reduces the building cost at a larger level without compromising with the strength and insulation of the houses.

No. of Pages: 7 No. of Claims: 6

(22) Date of filing of Application :01/09/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SYSTEMS, METHODS AND DEVICES FOR HEART VALVESFUNCTIONAL ASSESSMENT AND SIZING

(51) International classification	:A61M39/22	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Dr Aditya Kumar Singh
(32) Priority Date	:NA	Address of Applicant :282, Gyan khand1, Indirapuram,
(33) Name of priority country	:NA	Ghaziabad, UP- 201014 India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr Aditya Kumar Singh
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A hand-held functional valve sizer device having a longitudinal axis and includes a slider housing portion enclosing multiple sliders, a handle portion connected to the slider housing portion via a malleable rod. The handle portion includes a handle, a guide casing, a ring sizer selecting mechanism, and, a trigger for pushing down at least one selected ring sizer for functional assessment of the valve, and, multiple ring sizers protruding from the distal end of the slider housing portion. Particularly, every ring sizer is operably coupled to each slider, and an operator selects at least one ring sizer by operating the ring sizer selecting mechanism for an assessment of the functional aspect of the valve.

No. of Pages: 45 No. of Claims: 21

(22) Date of filing of Application :15/06/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MANAGING SOFATWARE SECURITY RISK; DESIGN PERSPECTIVE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:G06Q99/00, G06F21/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)DR.RAEES AHMAD KHAN  Address of Applicant: DEPARTMENT OF INFORMATION  TECHNOLOGY, BABASAHEB BHIMRAO AMBEDKAR  UNIVERSITY, LUCKNOW, -226025 Uttar Pradesh India  2)DR.SUHEL AHMAD KHAN
Filing Date (87) International Publication No	:NA : NA	3)MR.RAJEEV KUMAR (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)DR.RAEES AHMAD KHAN 2)DR.SUHEL AHMAD KHAN
(62) Divisional to Application Number Filing Date	:NA :NA	3)MR.RAJEEV KUMAR

#### (57) Abstract:

Risk analysis is a superior general-purpose benchmark by which information technology researchers can estimate security designs helpfulness. Risk analysis at the design phase is a significant segment of a solid security of software. The software risk analysis is a development process and uninterrupted process which applies to numerous changed levels; at once classify allocating opportunity arid influence and unfertile decisive sensible adaptation strategies. This work consist a developed framework of risk management activities in design phase with respect to security. There are numerous features of software risks that necessitates concerning security when design development such as designing security.

No. of Pages: 7 No. of Claims: 1

(22) Date of filing of Application :23/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : HORIZONTAL STRIP ACCUMULATOR WITH SLIM STRIP SUPPORTING CARRIAGES AND PASSIVE CENTRAL HOOKING SYSTEM

(51) International classification :B21C49/00,B65H20/32 (71)Name of Applicant : (31) Priority Document No 1)COCKERILL MAINTENANCE & INGENIERIE S.A. :13152589.1 (32) Priority Date Address of Applicant : Avenue Greiner 1 B 4100 Seraing :24/01/2013 (33) Name of priority country :EPO Belgium (86) International Application No :PCT/EP2014/050855 (72) Name of Inventor: Filing Date :17/01/2014 1)OTTMER Thomas (87) International Publication No :WO 2014/114561 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A horizontal strip accumulator installation (1) in a continuous strip processing line comprising a looping carriage riding on a pair of external rails (5) with a plurality of strip supporting carriages (2) each comprising a vertical frame (3) disposed on two wheels (4) riding on the same external rails (5) characterised in that the vertical frame (3) is connected on each side of the strip to inclined brackets (8) provided with guiding cam rollers (12) riding in respective guiding profiles or girders (9) located under the rails (5) so as to guide the strip supporting carriage (2) on the external rails (5) in an anti tilting over manner. The system has an automatic central hooking and unhooking system for the distribution of the strip supporting carriages as well as a maintaining device at their dedicated locations.

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

(21) Application No.1782/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :15/06/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A FRAMEWORK TO SOFTWARE SECURITY USABILITY TRADE-OFF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	G06F3/00, :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)DR.R.A. KHAN Address of Applicant:DIT, BBA UNIVERSITY, LUCKNOW, INDIA DCS, KMCUAF UNIVERSITY, LUCKNOW, Uttar Pradesh India 2)DR.ALKA AGARWAL (72)Name of Inventor: 1)DR.R.A. KHAN 2)DR.ALKA AGARWAL
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

Security expert have largely ignored usability issues both because they often failed to recognize the importance of human factors and because they lacked the expertise to address them. Therefore, there appears an urgent need of considering usability as a key factor while addressing security issues of any software application. A prescriptive framework has been proposed to trade-off usability and software security.

No. of Pages: 4 No. of Claims: 3

(22) Date of filing of Application :10/07/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: PEELABLLE TAMPER EVIDENT DIAPHRAGM AND PACKAGE MADE THEREOF

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

#### (57) Abstract:

The present invention describes a tamper evident diaphragm (110) for a flexible package (300). The tamper evident diaphragm (110) includes two diaphragm strips (112, 116). Each of the diaphragm strips (112, 116) includes at least an outer layer (140) and an inner layer (136) laminated with, each other. The inner layer (136) of each of the diaphragm strips (112, 116) is sealable together to form a non-resealable peelable sealed band (142). The outer layer (140) and the inner layer (136) are configured to be sealed with the flaps (120, 124) of a zipper (108) of the flexible package (300).

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

(21) Application No.5045/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HYDRAULIC SHOVEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant:2-3-6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)DOI Yuichi
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided is a hydraulic shovel that can prevent interference between an exhaust treatment device and a counterweight and that can suppress reductions in operability during the hoisting of the counterweight. An auxiliary plate (200) is detachably provided to a counterweight (5). When mounted to the counterweight (5) the auxiliary plate (200) overlaps an exhaust treatment device in a plan view. A plurality of hoisting holes (HL1, HL2, HL3) are formed in the upper surface of the counterweight (5). One hoisting hole (HL3) is formed in the auxiliary plate (200).

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: EFFLUENT DISINFECTION SYSTEM FOR SEPTIC TANK DISCHARGE

(51) International classification	:C02F1/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DARYANA THAKUR DAS
(32) Priority Date	:NA	Address of Applicant :VIRENDRA KUTI, 22, SARASWATI
(33) Name of priority country	:NA	KUNJ, SARASWATI PURAM, RAEBARELI ROAD, NEAR
(86) International Application No	:NA	S.G.P.G.I. LUCKNOW-226014, UTTAR PRADESH, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DARYANA THAKUR DAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Background Type design of Effluent Treatment System Chamber has been prepared for use with the Septic Tank where the effluent is being discharged untreated into open drains, sewers, nalas or anywhere around. It is believed that the Septic Tank discharge dropped as above is quite offensive and is likely to reach some water body or river. It is therefore proposed to do the treatment of this effluent before being discharged into open drains. Construction and Fittings The diagram shows a chamber which receives effluent from Septic Tank. This effluent will be carried to the bottom through a down pipe as shown in the figure. There will be an aluminium Screen (JALI) 50 cm above the bottom (floor) of the chamber. This space will allow settlement of sludge and heavy particles in the bottom upto a level of 50 cm height. A diffuser plate will be placed on this Screen (Jali), which will be connected to the OZONATOR machine outside the chamber, preferably mounted on a wall. A small vertical centrifugal water pump is also placed on other side of this aluminium Screen (JALI). This pump is capable of drawing liquid effluent from the Screen (JALI) base bottom where it is placed to pump the liquid effluent into the UV tube chamber. From UV tube chamber the effluent water drops into this chamber itself after being exposed to UV rays. As this process of pumping continues the liquid effluent in the chamber will pass through the UV tube chamber repeatedly a number of times before overflowing through the outlet tube to reach outside drain. As the ozonater will also be working simultaneously the liquid will be continuously subjected to ozonation which is the advanced form of oxidation. The UV exposure and the oxidation as explained above is capable of ensuring disinfection of the Septic Tank Effluent before it is discharged into drains. The above structure and the process of disinfection of Septic Tank effluents the applicants original work and is therefore requested to be patented. It is to be known as Effluent Treatment System for Septic Tank Discharge. (ETS-STD)

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

# (54) Title of the invention : GREEN TEA EXTRACT LOADED THOSOMAL CREAMS FOR PHOTOCHEMOPREVENTION OF SKIN

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SARAF SWARNLATA
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY,INSTITUTE OF
(33) Name of priority country	:NA	PHARMACY,PT.RAVISHANKAR SHUKLA UNIVERSITY,
(86) International Application No	:NA	RAIPUR, CHATISGARH Madhya Pradesh India
Filing Date	:NA	2)SARAF SHAILENDRA
(87) International Publication No	: NA	3)KAUR CHANCHAL DEEP
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SARAF SWARNLATA
(62) Divisional to Application Number	:NA	2)SARAF SHAILENDRA
Filing Date	:NA	3)KAUR CHANCHAL DEEP

#### (57) Abstract:

Photochemopreventives ameliorate the adverse effects of ultra violet rays on skin and has become an important tool for the fight against photoaging. The effects of photoaging include wrinkles, roughness, dryness, appearance of fine lines and lack of elasticity of skin. Epicatechins are the main antioxidant, anti-carcinogenic polyphenols present in Camellia sinensis (green tea). The aim of this study is to formulate stable creams having herbal novel vesicular systems (liposomes and ethosomes) and study their interaction with skin which was compared in terms of their effects on skin viscoelasticity and skin hydration using cutometer and corneometer respectively. All the formulations improved skin viscoelasticity and skin hydration but novel formulations showed 5-60 fold improved photochemoprevention as compared to conventional formulations. The composition and process for preparing stable green tea extract loaded ethosomal creams will be useful as the better penetration and lipid nature of ethosomes with photoprotective activity of herbs produce the desired effects.

(21) Application No.1048/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: LEGRILE MANUFACTURING SYSTEM

(51) International classification	:G06F9/44	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PROF.SURENDER KUMAR GLA UNIVERSITY,
(32) Priority Date	:NA	MATHURA
(33) Name of priority country	:NA	Address of Applicant :C-1056, DDA FLATS EAST OF LONI
(86) International Application No	:NA	ROAD,DELHI-110093 India
Filing Date	:NA	2)PROF.V.N.NANDA GLA UNIVERSITY,MATHURA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PROF.SURENDER KUMAR GLA UNIVERSITY,
Filing Date	:NA	MATHURA
(62) Divisional to Application Number	:NA	2)PROF.V.N.NANDA GLA UNIVERSITY, MATHURA
Filing Date	:NA	

## (57) Abstract:

The Legrile Manufacturing system is a conceptual innovation, a new way of thinking about an improved manufacturing or technology and intent to improve the effectiveness or, productivity index of the system which is of utmost importance for a manufacturer and which is achieved by applying the basic principles of legrile strategies. The Legrile manufacturing system is a process of integrating concept and thinking of lean, green and agile manufacturing aspects. This conceptual innovations works to improve the productivity of a manufacturing industry.

(21) Application No.5046/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HYDRAULIC SHOVEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:E02F9/00 :NA :NA :NA :PCT/JP2014/071027 :08/08/2014 :WO 2015/059982 :NA :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2-3-6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)OZAKI Tomoaki
--	---	---

#### (57) Abstract:

Provided is a hydraulic shovel in which cooling water pipes can be efficiently arranged. A fuel tank (36) includes a side surface (36s) that projects out from a side edge (31e) of a turning frame (31). The hydraulic shovel is equipped with: an outer cover (150) that covers a mount member (130) from the side; cooling water pipes (17, 18) that guide engine cooling water to a reductant tank; and a reinforcing plate (140). The cooling water pipes (17, 18) are arranged so as to pass through a space that is below the fuel tank (36) and sandwiched between the mount member (130) and the outer cover (150). The reinforcing plate (140) is placed to the outside of the cooling water pipes (17, 18) and to the inside of the outer cover (150).

(21) Application No.5047/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :10/06/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HYDRAULIC SHOVEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:NA :NA :NA :PCT/JP2014/071025 :08/08/2014 :WO 2015/059981 :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant:2-3-6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)HASHIMOTO Takashi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided is a hydraulic shovel wherein reduction of the weight of a counterweight is suppressed and an exhaust treatment device can be appropriately positioned. A rear leg part (180) that constitutes a leg part that supports an exhaust treatment device with regard to a rotating frame has a main body part (180m) that is formed so as to have a U shaped cross section. The open side of the U shape of the main body part (180m) faces a counterweight (5). A pair of groove shaped recessed parts (52, 53) into which are respectively inserted a pair of end parts (182, 183) of the U shape of the main body part (180m) are formed in the counterweight (5).

(21) Application No.558/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :17/03/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD FOR FEEDING BACK CHANNEL STATE INFORMATION IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04W24/10 :61/724,382 :09/11/2012 :U.S.A. :PCT/KR2013/009419 :22/10/2013 :WO 2014/073805 :NA :NA :NA	(71)Name of Applicant:  1)LG ELECTRONICS INC.  Address of Applicant:20 Yeouido dong Yeongdeungpo gu Seoul 150 721 Republic of Korea (72)Name of Inventor:  1)KIM, HYUNGTAE 2)KIM, BYOUNGHOON 3)KIM, KIJUN
--	--	---

#### (57) Abstract:

The present invention relates to a method for receiving a reference CSI configuration information and a following CSI configuration information which is configured to report a same RI (Rank Indicator) as the reference CSI configuration information receiving a first precoding codebook subset information for the reference CSI configuration information and a second precoding codebook subset information for the following CSI configuration information set of RIs according to the second precoding codebook subset information is same as set of RIs according to the first precoding codebook subset information and transmitting CSI determined based on at least one of the first precoding codebook subset information and the second precoding codebook subset information.

(21) Application No.855/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/04/2015 (43) Publication Date: 31/07/2015

## (54) Title of the invention: METHOD AND APPARATUS FOR CHANNEL ACCESS IN WIRELESS LAN SYSTEM

(51) International :H04W74/08,H04W72/04,H04W84/12 classification

(31) Priority Document No :61/715,310

(32) Priority Date :18/10/2012 (33) Name of priority :U.S.A.

country

(86) International :PCT/KR2013/008675 Application No

:27/09/2013 Filing Date

(87) International :WO 2014/061926 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)LG ELECTRONICS INC.

Address of Applicant :20 Yeouido dong Yeongdeungpo gu

Seoul 150 721 Republic of Korea

(72) Name of Inventor: 1)SEOK, YONGHO

## (57) Abstract:

A method and apparatus for performing channel access in a WLAN system are disclosed. A method for managing a network allocation vector (NAV) by a station (STA) in a wireless LAN (WLAN) system includes: receiving a Contention Free (CF) END frame including a duration field; if the CF END frame is a first type CF END frame resetting the NAV; and if the CF END frame is a second type CF END frame determining whether to reset the NAV according to a comparison result between a value of the duration field and a NAV value of the STA.

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A SIMPLE, GREEN OXIDATION OF SULFIDE TO SULPHOXIDE COMPOUNDS.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07C315/02, C07C317/36 :NA :NA	(71)Name of Applicant:  1)NAGARKAR JAYASHREE MILIND  Address of Applicant: DEPARTMENT OF CHEMISTRY, INSTITUTE OF CHEMICAL TECHNOLOGY, NATHALAL
(33) Name of priority country	:NA	PAREKH MARG, MATUNGA (EAST), MUMBAI - 400 019
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	2)WAGH RAVINDRA BUDHA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)WAGH RAVINDRA BUDHA
Filing Date	:NA	2)NAGARKAR JAYASHREE MILIND
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

An improved Green route has been developed for the synthesis of sulphide to sulphoxide compounds. Using H2O2 as an oxidant in presence of dimethyl carbonate (DMC) as the solvent albendazole is converted to ricobendazole which is important benzimidazole anthelmintic. High yields of corresponding products were obtained by carrying out the reaction at 20-40°C. This synthetic method is environmentally clean and safe, operationally simple with controlling sulphone for the preparation of other sulphoxide compounds.

(21) Application No.556/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application: 17/03/2015 (43) Publication Date: 31/07/2015

## (54) Title of the invention: METHOD AND APPARATUS FOR TRANSCEIVING CHANNEL STATUS INFORMATION IN WIRELESS COMMUNICATION SYSTEM SUPPORTING COOPERATIVE TRANSMISSION

:H04W24/10,H04B7/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/701,706 (32) Priority Date :16/09/2012 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/KR2013/008343 Filing Date :16/09/2013

(87) International Publication No :WO 2014/042478

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 1)LG ELECTRONICS INC.

Address of Applicant: 20 Yeouido dong Yeongdeungpo gu

Seoul 150 721 Republic of Korea

(72) Name of Inventor: 1)KIM, HYUNGTAE 2)PARK, JONGHYUN

3)KIM, KIJUN 4)KIM, EUNSUN

#### (57) Abstract:

The present invention relates to a wireless communication system. A method for a terminal for reporting channel status information in a wireless communication system supporting cooperative transmission according to one embodiment of the present invention comprises the steps of: receiving a first resource configuration information for a channel status information reference signal (CSI RS) and a second resource configuration information for measuring interference; calculating by means of the first and second configuration information channel status information for one or more base stations from among a plurality of base stations participating in cooperative transmission; and transmitting the channel status information wherein the interference measurement resource which is in accordance with the second resource configuration information exists within the union of resources of the zero power CSI RS in each of the plurality of base stations.

(21) Application No.1620/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :12/05/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD OF MANUFACTURING MULTILAYER CROSS LAMINATED FILM AND EXTRUSION DIE SUITABLE IN THE PROCESS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	B29C55/28, B29C69/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)AMRUT PACKAGING Address of Applicant: 340- B/8, GIDC, MAKARPURA, VADODARA-390010, GUJARAT-INDIA (72)Name of Inventor:  1)KANJIBHAI M RUPAREL
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to the cross laminates i.e. laminates of films of which at least two multilayer films, particularly the present invention discloses multilayer laminates having opposite direction, said layers are bonded to each other by the way of another extruded film.

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention : SUBMERSIBLE BUSH

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F04D29/046, F04D 13/08 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)KANJIBHAI I. PATEL  Address of Applicant: OPP. GEB SUB STATION,  MEHSANA HIGHWAY, VIJAPUR-382870, DIST.: MEHSANA, GUJARAT, INDIA  2)SATISHBHAI M. PATEL  3)BHAGVATI BEN A. PATEL  4)KAILASHBEN J. PATEL  (72)Name of Inventor:  1)KANJIBHAI I. PATEL  2)SATISHBHAI M. PATEL  3)BHAGVATI BEN A. PATEL  4)KAILASHBEN J. PATEL
---	---	---

## (57) Abstract:

The present invention relates to a submersible bush, said bush is made up of engineering polymer, polytetrafluoroethylene, modified anti wear polymer, graphite and glass.

(21) Application No.2752/MUM/2015 A

(19) INDIA

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

## (54) Title of the invention: COINING TYPE CUP WITH LASER WELDED FLYWHEEL MAGNETO.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:H02K1/27 :NA :NA :NA	(71)Name of Applicant: 1)MR. VIJAY CHHEDA Address of Applicant:13 BELMONT PARK, ICS COLONY, OFF UNIVERSITY ROAD, PUNE 411 007, MAHARASHTRA,
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	INDIA.  (72)Name of Inventor:  1)MR. VIJAY CHHEDA
<ul><li>(61) Patent of Addition to Application Number Filing Date</li><li>(62) Divisional to Application Number Filing Date</li></ul>	:NA :NA :NA :NA	

#### (57) Abstract:

The present invention relates to a rotor cup with laser welded flywheel magneto. A coining cup flywheel magneto formed by laser welding comprising of a curved groove for attachment of clutch seating for easy insertion of clutch in notch of taper bush by providing more depth. The method used in the present invention is laser welding process.

(22) Date of filing of Application :22/06/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN ALTERNATOR BEING USED FOR PRODUCING ELECTRICAL ENERGY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:H02K5/00, B60K6/00, :NA :NA :NA	(71)Name of Applicant:  1)CHEDILAL GHUNILAL GUPTA  Address of Applicant:FLAT-403, RAMAN C.H.S. LTD., DATTA MANDIR ROAD, VAKOLA, SANTACRUZ (EAST), MUMBAI-400 055, Maharashtra India  2)PRAMOD R. YADAV
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	3)VIJAY RAMISHWAR RAY (72)Name of Inventor: 1)SARFARAZ MEHBOOB KHAN

### (57) Abstract:

Disclosed is an alternator being used for producing electrical energy, the alternator comprising: an elongated shaft having first end and second end; an armature being placed on the shaft and responsible for producing the energy, the armature comprising armature core and armature winding, the armature winding includes plurality of coils and conductors, the armature core is adapted to accommodate the coils and conductors of the armature winding; a plurality of field coils surrounding the armature and being placed on poles for setting up magnetic field, the poles are placed on a pole core; a commutator being placed at one end of the armature on the shaft, the commutator is adapted to facilitate collection of alternating current induced in the conductors of the armature winding and convert the alternating current into unidirectional current in a external load circuit; a pair of brushes being placed on the commutator for collecting current from the commutator; a first fan being placed on the shaft after commutator for cooling of the alternator; a first bearing being placed on the shaft after the first fan so that the first fan remains between the commutator and the first bearing; a second bearing being placed on the shaft after the second bearing and adapted to function as an exhaust fan; a third bearing being placed on the shaft after the second fan so that the second fan remains between the second bearing and third bearing; a first flywheel being placed at the first end of the shaft such that the third bearing remains between the second fan and the first flywheel; and a second flywheel being placed at the second end of the shaft such that the first bearing remains between the first fan and the second flywheel.

(21) Application No.2319/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :17/06/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: FUELLESS GENERATOR SET POWER PLANT

	·F01K23/06	(71)Name of Applicant:
(51) International classification	H01M8/00,	1)SARFARAZ MEHBOOB KHAN
	F01K23/04	Address of Applicant :PLOT NO.1, ROOM NO.50/A, BKC
(31) Priority Document No	:NA	BANDRA (EAST), MUMBAI 400 051 Maharashtra India
(32) Priority Date	:NA	2)AKSHAY RAJIV SAKPAL
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SARFARAZ MEHBOOB KHAN
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 relates to a fuel-less generator set power plant that enables use of energy of first power plant to generate energy in second power plant. In an aspect, the present disclosure relates to a power plant that comprises a first power unit having a plurality of batteries that are coupled with an inverter, a first motor that runs based on AC current output of the inverter, and a first alternator that is coupled with the first motor to generate energy for the first power unit. The power plant can further include a second power unit that can include a second motor that receives energy from the first power unit through the first alternator, wherein the second motor can be coupled with a gear box, and wherein the gear box is in turn coupled to a second alternator that is configured to run a panel of the power plant.

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

## (54) Title of the invention: HEAT SINK BY EXTRUSION FOR REGULATOR RECTIFIER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:F28F1/14, H05K7/20 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. VIJAY CHHEDA Address of Applicant:13 BELMONT PARK, ICS COLONY, OFF UNIVERSITY ROAD, PUNE 411 007, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)MR. VIJAY CHHEDA
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to an extruded heat sink mounted in a movable body and exposed to a traveling air stream generated while the movable body moves, includes a base and a heat dissipating portion having a plurality of fins. Plurality of fins is arranged apart from each other and extends from a base in longitudional direction to a flow of travelling air stream. At least in a front end portion of the heat dissipating portion, the heat dissipating portion includes a rectifying portion provided so as to extend across a predetermined area in a longitudinal direction in front portions of slit-shaped flow paths at an upstanding end (i.e., an end apart from the base). The present embodiment reduces the size of the regulator rectifier by 40%.

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

## (54) Title of the invention: GROMMET SEALS AT BOTH END OF THE SPARK PLUG SUPPRESSOR CAP.

(32) Priority Date (33) Name of priority country (86) International Application No	NA	1)MR. VIJAY CHHEDA Address of Applicant :13 BELMONT PARK, ICS COLONY, OFF UNIVERSITY ROAD, PUNE 411 007, MAHARASHTRA, INDIA. (72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	NA NA NA NA NA	1)MR. VIJAY CHHEDA

## (57) Abstract:

The present invention discloses redesigning of the rubber grommet with tapered surface at both ends along with curvature profile for holding suppressor cap assembly. The sealed rubber grommet is designed with a unique vented design with tapered surface at both ends of the spark plug suppressor cap for reducing wall thickness; it also consists of less internal slots for locking with the suppressor cap which consequently decrease the wall thickness, reduction of the volume and reduced wastage of raw material. The profile lip at the front opening of the sealed rubber grommet is created in a way that it prevents entering of water or dust inside the spark plug. Further, the present invention also relates to the reduction in weight of rubber grommet by reducing the outer diameter and overall length of the rubber grommet.

(22) Date of filing of Application :15/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : BIOGENIC METHOD FOR GENERATION OF MONODISPERSE AND FLUORESCENT CERIUM OXIDE NANOPARTICLES WITH ENHANCED ANTIOXIDANT ACTIVITY

	:A61K35/12,	(71)Name of Applicant:
(51) International classification	A61K33/24,	1)MGM Institute Of Health Sciences (MGMIHS), Deemed
	A61K9/14	University u/s 3 of UGC Act, 1956
(31) Priority Document No	:NA	Address of Applicant :Sector -1, Kamothe, Navi Mumbai-
(32) Priority Date	:NA	410209, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)YADAV, Raman Prasad
Filing Date	:NA	2)KADAM, Sudhirchandra Nanasaheb
(87) International Publication No	: NA	3)BHAGIT, Amita Anant
(61) Patent of Addition to Application Number	:NA	4)MHATRE, Sveeta Vishnu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention disclose a very simple method for the synthesis of bioactive monodispersed cerium oxide fluorescent nanoparticles (quantum dots)/nanoparticles using aqueous extract of Justicia adhatoda leaf under mild environment at ambient temperature. The synthesis of cerium oxide fluorescent nanoparticles (quantum dots) generated by this method were found to be in the range of 2-4 nm in size characterized by transmission electron microscopy (TEM). Extraordinary monodispersity of cerium oxide fluorescent nanoparticles (quantum dots) was observed. Generated cerium oxide fluorescent nanoparticles (quantum dots) showed enhanced antioxidant activity and also mimic catalase which can be utilized in various domains of biomedical applications including diagnostics.

(21) Application No.2663/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :14/07/2015 (43) Publication Date : 31/07/2015

(54) Title of the invention: Oyster Mushroom fermented beverage

(32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (10) Priority Date (10) Patent of Addition to Application Number Filing Date (10) Priority Date (10) Post Rajapeth, (11) Amravati. (M.S.) Pin Code 444 605 Maharashtra India (12) Name of Inventor: (13) Name of Inventor: (14) Priority Post Rajapeth, (15) Amravati. (M.S.) Pin Code 444 605 Maharashtra India (17) Name of Inventor: (18) Divisional Maharashtra India (18) Divisional Publication Number Filing Date (18) NA (19) NA (19) Name of Inventor: (19) Name of Inventor: (19) Name of Inventor: (10) Name of Inv	<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	A61K36/07 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA	Address of Applicant : Bhav-vishwa <sup>TM</sup> , Shiv Shakti Nagar, Sutgirni Road, Near Dr. Ambedkar Statue, Post Rajapeth, Amravati. (M.S.) Pin Code 444 605 Maharashtra India (72)Name of Inventor:  1)Bhavna Bhavesh Wasnik
--	--	---	--

#### (57) Abstract:

The present invention relates to an preparation methods of fermented nutritional Oyster mushroom alcoholic beverage. Nutrients found in Oyster mushrooms are Phosphorus, Manganese, Magnesium, Iron, Calcium, Vitamin B2, B12, Vitamin C and Selenium. Oyster mushrooms are a natural source of statin drugs, specifically, isomers of lovastatin. It contains unique antioxidant enzymes catalase, superoxide dismutase (SOD) and glutathione peroxides that can help reduce the effects of age-related chronic diseases. It also contains antioxidant properties and hence it is an excellent food substance. Thus the present invention provides and preserves the essential nutrients through the anaerobic fermentation process proving the nutritious beverage.

(22) Date of filing of Application :11/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN ADVANCED DEVICE FOR RAPID, SAFE AND EYE IRRITATION FREE ONION CUTTING.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:B26D1/30, B26D3/18, B26D3/26 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Sneha Ashok Nagarkar Address of Applicant: SNEHANKIT, S NO 125,SWAMI VIVEKANAND PARK, AHERNAGAR, CHINCHWADGAON, PUNE-411033 Maharashtra India (72)Name of Inventor:  1)Sneha Ashok Nagarkar 2)Sunita Ashok Nagarkar 3)Ankita Ashok Nagarkar
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to a device for rapid, safe and eye irritation free onion cutting technology. This advanced device will clearly give solution to irritation during onion cutting operation. Worldwide crores of family members specifically ladies and hotel cooks use knife for cutting the onion. There is need of device of to make the same process user friendly specifically for those who are engaged in onion cutting. According to an aspect of the present invention there is provided: d) Thick transparent hemispherical closed glass vessels of diameter 40 to 160 mm or any suitable diameter with provision of sharp metallic knife with handle out of hemisphere. e) Thick transparent hemispherical glass vessels will display amount of cut part of onion inside the hemisphere sphere. f) At the base there is provided one more closed pot to collect cut onion pieces. An eye irritation free technology of closed transparent hemispherical vessel for onion cutting device with visible quantity to the user comprising of the thick transparent hemispherical glass/ composite vessels may be of capacity 40 -160 mm or suitable diameter with one more containers at the bottom as a receiver. Material of the container can be metal, composite or polymers. A metallic knife is provided inside with end at outside to cut the onion. One more vessel is placed at the bottom to receive cut onion. All the assembly is air tight. Said transparent container is cost efficient mechanism, can be used in home as well as in hotels, easily adaptable worldwide.

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

# (54) Title of the invention : METHOD AND INTEGRATED MACHINE FOR CONSTRUCTION OF COMPOSITE PLASTIC BITUMINOUS CONCRETE PAVEMENT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:C04B26/26,E01C7/26 :NA :NA :NA :NA	(71)Name of Applicant:  1)Anurag V. Tiwari  Address of Applicant: Assistant Professor, Department of civil Engineering, Sipna College of Engineering and technology, In front of Nemani Godown, Badnera road, Amravati (M.S) Pin-
Filing Date	:NA	444606 Maharashtra India
(87) International Publication No	: NA	(72)Name of Inventor:
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA :NA	1)Anurag V. Tiwari 2)Dr. Y. R. M. Rao

#### (57) Abstract:

Now a day every industrial sector is using plastic for the various applications. And in the recent years use of various recycled materials in construction of road is been valued by the researchers globally. Use of plastic waste in construction of flexible pavements has come up as an eco-friendly and sustainable technology in past few decades. The present invention provides a method of production of composite Plastic Bituminous Concrete and machine which can be used in construction industry for fast track construction of Plastic Bituminous Concrete Pavement. This system will be used for in-situ production of Plastic Bituminous Concrete, Laying and Rolling. This technology will help in reducing the plastic waste which is generally incinerated or dumped under the landfill causing soil, land and water pollution. Following invention is described in detail with the help of Figure 1 of sheet 1 showing side elevation viewand Figure 2 of sheet 2 showing plan representing the machine for construction of composite Plastic Bituminous Concrete Pavement.

(21) Application No.3567/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :13/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD TO FACILITATE THE RETRIEVAL OF SEPARATED ENDODONTIC FILES FROM HUMAN ROOT CANALS

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)P BINU Address of Applicant :VIJAYSREE, HOUSE NO.42, NPP
(33) Name of priority country	:NA	NAGAR, LANE 2, PEROORKADA P O,
(86) International Application No	:NA	THIRUVANANTHAPURAM, Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)P BINU
(61) Patent of Addition to Application Number	:NA	2)JOSEPH SAM
Filing Date	:NA	3)SMA SHIBLI
(62) Divisional to Application Number	:NA	4)J N SEBEELAMOL
Filing Date	:NA	

#### (57) Abstract:

System and method to facilitate the extraction of separated endodontic files from human root canals is disclosed. Said method facilitates the removal of separated NiTi and SS endodontic files trapped inside root canals through electrochemical process, without the removal of radicular dentin. The system comprises of an electrolytic cell created inside the root canal, wherein the trapped the file is converted to anode, wherein said system further features a means to periodically check the dimensions of the file as well as means to replenish the electrolyte during the course of the procedure, and remove accumulated byproducts of the dissolution process from said root canal.

(21) Application No.3667/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: NEW GENERATION FARM SYSTEM

New generation farm system is the most modern technology. This technology is used for saving water increasing efficiency and

#### (57) Abstract:

reducing environmental impacts, more production agris..etc This is an electronics network system automatic apply irrigation water in nursery and greenhouse operations, and monitor green roofs for storm water mitigation. The system ability to precisely monitor and control applications of water, nutrients to plants, production settings, based upon daily plant requirements, to provide the nursery and greenhouse industries with cost-effective equipment and strategies that can be used to reduce the volume and cost of inputs, increase profitability. This technology will help us learn to best implement this new technology to minimize cost and maximize efficiency. Microcontroller compares the GPS readings and stored readings. When both the readings match, the microcontroller switches the control to the GSM module. This GSM module sends SMS alerts to the passengers, whose mobile numbers are already stored in the microcontroller. For example consider three points A, B, C along a path whose latitude and longitude positions are already stored in the microcontroller. When the vehicle starts, GPS module sends the longitude and latitude position details of the vehicle to the microcontroller. Microchips PIC micro 8bit MCUs offer a price/performance ratio that allows them to be considered for any traditional 8 bit MCU application as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications. These features and price performance mix make PIC micro MCUs an attractive solution for most applications. The combination of the amplifier (often called an error amplifier) and the serious pass transistors together with the resistive voltage divider to tap off a portion of the output voltage constitutes a feed back amplifier. The closed loop amplifier configuration acts to maintain the traction of the output voltage feedback to the amplifier inverting input terminal equal to the reference voltage that is supplied to the non-inverting input terminal. Here we employ PIC16F877A Microcontroller which receives data via a RS 232 converter and sends the information through the transmission logic unit. The system ability to precisely monitor and control applications of water, nutrients to plants, production settings, based upon daily plant requirements, to provide the nursery and greenhouse industries with cost-effective equipment and strategies that can be used to reduce the volume and cost of inputs, increase profitability. This technology will help us learn to best implement this new technology to minimize cost and maximize efficiency. Microcontroller compares the GPS readings and stored readings. When both the readings match,

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: BUS ROUTE DETECTING SMART SYSTEM FOR BLINDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073, Tamil Nadu India (72)Name of Inventor: 1)DR.M G GIREESHAN 2)DR.T.KRISHNAKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Bus route detecting smart system for blinds is a new technology. This system has two parts one is hand held device of blinds connected to ear phone other one is connect to every bus. Every bus is generated by a particular code or data to send nearest handheld devices and passes to all nearest persons This technology is developed with the help of embedded system. These two devices are communicated with the help of Radio Frequency system and also used WIFI. One device bus module is installed inside the bus. Once at a bus stop, the user presses the query button on the handheld module to obtain route numbers of the buses in this system. These data are read via head phone in the user module. The select button can be pressed multiple times to trigger the guiding voice output from the bus. Microcontroller compares the GPS readings and stored readings. When both, the readings match, the microcontroller switches the control to the GSM module. This GSM module sends SMS alerts to the passengers, whose mobile numbers are already stored in the microcontroller. For example consider three points A, B, C along a path whose latitude and longitude positions are already stored in the microcontroller. When the vehicle starts, GPS module sends the longitude and latitude position details of the vehicle to the microcontroller. Microchips PIC.micro 8bit MCUs offer a price/performance ratio that allows them to be considered for any traditional 8 bit MCU application as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications. These features and price performance mix make PIC micro MCUs an attractive solution for most applications. Here we employ. PIC16F877A Microcontroller which receives data via a RS 232 converter and sends the information through the transmission logic unit. This technology is developed with the help of embedded system. These two devices are communicated with the help of Radio Frequency system and also used WIFI. One device bus module is installed inside the bus. Once at a bus stop, the user presses the query button on the handheld module to obtain route numbers of the buses in this system. These data are read via head phone in the user module. The select button can be pressed multiple times to trigger the guiding voice output from the bus. Microcontroller compares the GPS readings and stored readings. When both the readings match, the microcontroller switches the control to the GSM module.

(21) Application No.3665/CHE/2015 A

(19) INDIA

(22) Date of filing of Application: 17/07/2015 (43) Publication Date: 31/07/2015

#### (54) Title of the invention: MG LIFESAVER 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	Address of Applicant :173, AGHARAM ROAD, SELAIYUR, CHENNAI - 600 073, Tamil Nadu India (72)Name of Inventor :  1)DR.M G GIREESHAN 2)DR.T.KRISHNAKUMAR
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	ı

#### (57) Abstract:

From the very beginning we were searching for an idea that is relevant in current living environment of human beings. Thus it came to our notice that road accidents especially in India are increasing at a faster rate. This leads us to think about the, various causes of road accidents. We find out a number of reasons including driving while drunk, over speed, improper traffic controls, disobedience of traffic rules, substandard roads, mental stress, carelessness and usage of mobile phone while driving. When we consider each of the above cases separately, for example over speed, there are already existing preventive measures to detect speed of vehicles. Likewise in the case of remaining factors also there are preventive measures or awareness can be done to an extent. But in the case of usage of mobile phone while driving, even though it is against law, there is a tendency among people to use phones while driving. Thus merely awareness cannot do anything, there must be a device that discourage the drivers from using mobile phones while driving. The device named mg lifesaver system developed by us can prevent usage of mobile phones while driving and hence the rate of accidents can be reduced to a great extent, mg lifesaver system can be easily fitted to all type of vehicles at very low cost. This is reliable and does not affect the performance of the vehicle, mg lifesaver system is developed using embedded technology. Embedded systems are playing important roles in our lives every day, even though they might not necessarily be visible. An embedded system can be defined as a control system or computer system designed to perform a specific task and also be defined as a single purpose computer. Some of the embedded systems we use every day are control the menu system on television, the timer in a microwave oven, a cell phone, an MP3 player or any other device with some amount of intelligence built-in. We consider each of the above cases separately, for example over speed, there are already existing preventive measures to detect speed of vehicles. Likewise in the case of remaining factors also there are preventive measures or awareness can be done to an extent. But in the case of usage of mobile phone while driving, even though it is against law, there is a tendency among people to use phones while driving. Thus merely awareness cannot do anything; there must be a device that discourages the drivers from using mobile phones while driving

(12) I ATENI ATTEKATION I OBLICATION

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

(54) Title of the invention: E-DRIVINGDRINK SYSTEM

(51) I	G00G	
(51) International classification	:G08G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.M G GIREESHAN
(87) International Publication No	: NA	2)DR.T.KRISHNAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3670/CHE/2015 A

#### (57) Abstract:

(19) INDIA

More vehicle accidents are due to drunken driving have reached its greater extent and the number of deaths due to drunken accidents Therefore we need a new technology to avoid that type of accidents. It has two parts one is connected to all vehicles and other is handheld device of traffic police. Vehicle inside device which can sense the alcohol and directly print the fine receipt according to the percentage of alcohol detected by the sensor MQ-3 and according to the percentage of alcohol and Fine receipt will be given by that Device Itself with the receipt will consist of the Name of the drunken driver, details and vehicle details also. We are using embedded technology system and peripheral interface-controller system PIC 16F73 and very high accurate sensors are used .All this information will be directly transmitted to the main Traffic Police Department via GPRS, GSM technology and an GPS will grab its current position. The latitude and longitude information of the required points are already stored in the microcontroller. The device is fixed on the required vehicle. With the help of the GPS module, the device continuously reads the latitude and longitude position of each point along the vehicles path. Microcontroller compares the GPS readings and stored readings. When both the readings match, the microcontroller switches the control to the GSM module. This GSM module sends SMS alerts to the passengers, whose!mobile numbers are already stored in the microcontroller. For example consider three points A, B, C along a path whose latitude and longitude positions are already stored in the microcontroller. When the vehicle starts, GPS module sends the longitude and latitude position details of the vehicle to the microcontroller. This data is compared with the pre-stored data regarding the locations of A,B and C. If both the data match, then an alert SMS is sent by the microcontroller via the GSM module, to the users mobile phone. This will reduce the corruption also and it will be a very handheld device of the use of Police Department. It has two parts one is connected to all vehicles and the other one is handheld device of traffic police. Vehicle inside device which can sense the alcohol and directly print the fine receipt according to the percentage of alcohol detected by the sensor MQ-3 and according to the percentage of alcohol and Fine receipt will be given by that Device Itself with the receipt, which will consist the Name of the drunken driver, details and vehicle details also. We are using embedded system technology and peripheral interface controller system PIC 16F73 and very high accurate sensors are used.

(21) Application No.3671/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: GOLD CHAIN THEFT DETECTOR

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.M G GIREESHAN
(87) International Publication No	: NA	2)DR.T.KRISHNAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

This invention of Protect ladies from chain theft in India the chain theft is increasing day by day. It helps and advices regarding the the instructions for using a chain safely. Accidents depending on chain theft can be reduced. Any type of theft of chain can be identified and located. This system has two important electronic transceiver sections. One device is connected inside the bag. The next system is our own chain used via password. The system can start an alarm and location identified with in a short period of seconds. Digital systems have been implemented in highly restricted areas like research labs, industries, military bases etc. Consider an industry ; whe!re there are certain number of employees and none other than the employees are allowed entry. In such situations we are implementing a double-security system using punched cards that is the Digital Access System. Each employee is provided with a card, which has a unique code. Each of them is required to insert their respective cards and enter the 4-digit password from the keypad. For the sake of security, the employee is given the privilege to type 1 an 8-digit password, in which the first four digits of the password can be randomly typed, but the next four are the true 4-digit password. If the password ehterecPlis correct, the employee is allowed to enter the industry. An employee also given the facility to change the password. The micro-controller; which forms the heart of the Digital Access System, controls the entire activities of the system. This section details with the technical aspects of this project as sh6wh in block schematic, the project consists of several ICs and other hardware circuits. We will discuss about each of the components and their functions. . It helps and advices the travelers for using the chain safely . Accidents depending on chain theft can be reduced. Any type of theft of chain can be identified and located. This system has two important electronic transceiver sections. One device is connected inside the bag. Consider an industry where there are certain number of employees and none other than the employees are allowed entry. In such situations we are implementing a double security system using punched cards that is the Digital Access System. Each employee is provided with a card, which has a unique code. Each of them is required to insert his or her respective card and enter the 4-digit password from the keypad. For the sake of security, the employee is given the privilege1 to type an 8-digit password, in which the first four digits of the password :icanr be randomly typed, but the next four are the true 4-digit password. If the password entered is correct, the employee is allowed to enter the industry

(21) Application No.3673/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: OVERWEIGHT DETECTION SYSTEM OF BOAT

(1) International classification	71)Name of Applicant :
31) Priority Document No	1)BHARATH UNIVERSITY
(2) Priority Date	Address of Applicant: 173, AGHARAM ROAD, SELAIYUR,
33) Name of priority country	HENNAI - 600 073, Tamil Nadu India
36) International Application No	72)Name of Inventor:
Filing Date	1)DR.M G GIREESHAN
37) International Publication No	2)DR.T.KRISHNAKUMAR
(1) Patent of Addition to Application Number	
Filing Date	
52) Divisional to Application Number	
Filing Date	
(2) Priority Date (3) Name of priority country (36) International Application No Filing Date (37) International Publication No (51) Patent of Addition to Application Number Filing Date (52) Divisional to Application Number	Address of Applicant: 173, AGHARAM ROAD, SELAI THENNAI - 600 073, Tamil Nadu India 72)Name of Inventor: 1)DR.M G GIREESHAN

#### (57) Abstract:

The overweight control system for passenger boats can be divided into three sections. First section contains force sensors and the electronic processing circuits which measures the LOAD in the vehicle. This data is processed and analyses by the next section consisting of a microcontroller and the controller will generate the alarm or any other warning signals if necessary. And if the system carries excess load than permitted the ignition system of the vehicle cannot be operated. And also the last section will send a message via GSM module to a concerned authority about the overloading in vehicle.. Embedded system is any electronic equipment built in intelligence and dedicated software. All embedded systems use either a microprocessor or a microcontroller. The application of these micro controllers makes user-friendly cheaper solutions and enables to add features otherwise impossible to provide by other means. Embedded devices can be defined (as any devices with a microprocessor or microcontroller embedded in it that has av, relatively focused Functionality. The software for the .Embedded System isscalledirmw.are.;!Tlhe firmware is written in. Assembly language, for, time; or resource; critical operation or using higher-level, langua.gesilikepr Embedded C. The, software will be simultaneously micro cod.e:xSimulatio,ns for,the.slar-gest,processor. Since they are supported to perform only specific .task, these programs are stored in Read Only Memories (ROMs). Moreover tl}ey; may need no orminimal inputs from the user, hence the user interfaceJike,monitp,r,.l.mouse & large keyboard etc. may be absent. The Intelligent Overweight Control system for passenger boats is a remedy to achieve this goal. The overweight control system for passenger boats can be divided into three sections. First section contains force sensors and the electronic processing circuits which measures the LOAD in the vehicle. This data is processed and analyses by the next section consisting of a microcontroller and the controller will generate the alarm or any other warning signals if necessary.

(21) Application No.3674/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SMART ANTIPIRACY DEVICE FOR THEATER

(74)	G0.4F	71.33
(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.M G GIREESHAN
(32) Priority Date	:NA	Address of Applicant :RESEARCH SCIENTIST, BHARATH
(33) Name of priority country	:NA	UNIVERSITY, 173, AGHARAM ROAD, SELAIYUR,
(86) International Application No	:NA	CHENNAI - 600 073, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR.M G GIREESHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The main objective of the project is from film piracy and also to bring the awareness about the Piracy is a crime. In this technology we have partly tested successfully. Then the PICS pin connected to the call accepts switch is made high and the ON. When a binary code is obtained from a DTMF, it is stored in the PIC. In this # key is assigned as an enter key. So whenever the key is pressed, the last entered four numbers are stored in the different registers. These numbers are compared with the previously entered secret code. If it matches the system identifies it. If the secret code does not match with the entered code, then the call ends and waits for the signal from the detector. Pic 16f73 microcontroller is the main functional block of the system. The PIC microcontroller is used here so that hardware complexity can be reduced. The pic is the center part of the circuit. The basic components of the microprocessor are CPU and external interface. The CPU consist of Arethmatic and Logic Unit and the instruction execution and decoding unit. In addition memory management, floating-point arethmatic instruction and data cache are also incorporated. External co-processor interface is provided for floating point arethmatic operation. The microcontroller normally consist of CPU, internal RAM, internal EEPROM main memory, I/O port, DMA controller, interrupt handlers, timers, watchdog timers, ADC and DAC. Microcontrollers are widely used in control applications since the on-chip peripheral provided on them makes the system design simple and economical. The instruction set of microcontroller is versatile and suited for control applications. The main objective of the project is from film piracy and also to bring the awareness about the Piracy is a crime. In this technology we have partly tested successfully. Then the PICS pin connected to the call accepts switch is made high and the ON. When a binary code is obtained from a DTMF, it is stored in the PIC. In this # key is assigned as an enter key. So whenever the key is pressed, the last entered four numbers are stored in the different registers. These numbers are compared with the previously entered secret code. If it matches the system identifies it. If the secret code does not match with the entered code, then the call ends and waits for the signal from the detector. Pic 16f73 microcontroller is the main functional block of the system

(21) Application No.3668/CHE/2015 A

(19) INDIA

(22) Date of filing of Application: 17/07/2015 (43) Publication Date: 31/07/2015

#### (54) Title of the invention: SMART WIFI NUMBER PLATE

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
(33) Name of priority country	:NA	CHENNAI - 600 073, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.M G GIREESHAN
(87) International Publication No	: NA	2)DR.T.KRISHNAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55)		

#### (57) Abstract:

Thus it came to our notice that theft the vehicles and reduce malpractice on the number plates road accidents especially in India are increasing at a faster rate. This lead us to think about the various causes of road accidents. We find out a number of reasons including driving while drunk, over speed, improper traffic controls, disobedience of traffic rules, substandard roads, mental stress, carelessness and usage of mobile phone while driving, that times number plates are identified is main thing. When we consider each of the above cases separately, for example over speed, there are already existing preventive measures to detect speed of vehicles. Likewise in the case of remaining factors also there are preventive measures or awareness can be done to an extent. But in the case of usage of mobile phone while driving, even though it is against law, there is a tendency among people to fake number plate. A brief comparison of the functional architecture of the microprocessor and microcontroller are explained below. The basic components of the microprocessor are CPU and external interface. The CPU consists of Arithmetic and Logic Unit and the instruction execution and decoding unit. In addition memory management, floating-point arithmetic instruction and data cache are also incorporated. External co-processor interface is provided for floating point arethmatic operation. The microcontroller is an I/O oriented single chip microcontroller. It is a subset of microcomputer with ALU, input, output, and memory and control unit. The microcontroller normally consist of CPU, internal RAM, internal EEPROM, main memory, I/O port, DMA controller, interrupt handlers, timers, watchdog timers, ADC and DAC. Microcontrollers are widely used in control applications since the on-chip peripheral provided on them makes the system design simple and economical. The instruction set of microcontroller is versatile and suited for control applications. Thus it came to our notice that theft of the vehicles and reduce malpractice on the number plates road accidents especially in India are increasing at a faster rate. This lead us to think about the various causes of road accidents. We find out a number of reasons including driving while drunk, over speed, improper traffic controls, disobedience of traffic rules, substandard roads, mental stress, carelessness and usage of mobile phone while driving, that times number plates are identified is main thing. When we consider each of the above cases separately, for example over speed, there are already existing preventive measures to detect speed of vehicles.

(19) INDIA

(22) Date of filing of Application :17/07/2015

(21) Application No.3669/CHE/2015 A

(43) Publication Date: 31/07/2015

#### (54) Title of the invention: CAM E-DETECTOR

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, AGHARAM ROAD, SELAIYUR,
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	CHENNAI - 600 073, Tamil Nadu India (72)Name of Inventor:
Filing Date	:NA	1)DR.M G GIREESHAN
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)DR.T.KRISHNAKUMAR
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
Tillig Date	.NA	

#### (57) Abstract:

It is a new technology device EMBEDDED SYSTEM Smart camera or intelligent camera is a vision system which, in addition to image capture circuitry, is capable of extracting application-specific information from the captured images, along with generating event descriptions or making decisions that are used in an intelligent and automated system. A smart camera is a self-contained, standalone vision system with built-in image sensor in the housing of an industrial video camera. It contains all necessary communication interfaces. It is not necessarily larger than an industrial or surveillance camera. A capability in machine vision generally means a degree of development such that these capabilities are ready for use on individual applications. This architecture has the advantage of a more compact volume compared to PC-based vision systems and often achieves lower cost. Powerful, portable, and easy to use, hidden camera detectors. With the push of a button, you can scan an entire room in seconds, letting you know for sure if anyone is watching. Choose simple LED-based models or multi-spectrum RF detectors, which can also alert you to the presence of audio bugs or GPS tracking devices. Whether its through a camera hidden in a dressing room, public bathroom or rental apartment, being watched by a stranger strikes fear in any woman. Spy cams can be hidden in everything from smoke detectors to clock radios to smiley buttons to fake power adapters, and theyre not easy to spot with the naked eye. A smart camera is a self- contained, standalone vision system with built-in image sensor in the housing of an industrial video camera. It contains all necessary communication interfaces. It is not necessarily larger than an industrial or surveillance camera. A capability in machine vision generally means a degree of development such that these capabilities are ready for use on individual applications. This architecture has the advantage of a more compact volume compared to PC-based vision systems and often achieves lower cost.

(21) Application No.3676/CHE/2015 A

(19) INDIA

(22) Date of filing of Application: 17/07/2015 (43) Publication Date: 31/07/2015

#### (54) Title of the invention: POWER FROM ELEPHANT PEE

(51) I	110134	(71)NJ 6 A 11 A
(51) International classification	:H01M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.M G GIREESHAN
(32) Priority Date	:NA	Address of Applicant :RESEARCH SCIENTIST, BHARATH
(33) Name of priority country	:NA	UNIVERSITY, 173, AGHARAM ROAD, SELAIYUR,
(86) International Application No	:NA	CHENNAI - 600 073, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR.M G GIREESHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Global demand for energy has increased rapidly for the last 150 years which closely related to industrial development and population growth. Developing country such as Bangladesh seeking terrible scarcity of electricity generation and it is of incredible importance to cope up with huge demand electricity. Thats why we planned to use elephant urine as an alternative source of electricity. We can also build urine based plant to facilitate backup power system which in turn helps the rural people highly. Firstly the elephants urine is with electrode (anode & cathode) then the final output is obtained by the following chemical process. WORKING PRINCIPLE: An anode is an electrode in which the electric current flows in to a polarized electric device a cathode is also an electrode only difference is in cathode the electric current flows out of the electric device. The chemical reaction in this source helps in building up of electrons at the anode. This results in electrical difference between anode and cathode. Electrons repel each other and reach the place with fewer electrons here in this system the only place to go is cathode but the electrolyte keeps the electrons from moving straight from anode to cathode within the battery, when the circuit is closed (a wire current cathode and anode) the electrons will be able to get to the cathode this is the one way of describing how electrical potential causes the electrons flow to the circuit finally the electrochemical process changes the chemical anodes and cathode to stop supplying electrons such as solar panel the electrochemical process does in reverse, and the anode and cathode are restored to their original state within the full power The need for new and alternate sources of energy is increasing day by day. In the upcoming days the alternative sources of energy will be applied everywhere. The Microbial fuel cell technology represents an alternative form of energy where in elephant urine and industrial effluents are used for electricity generation. In this technology we have used elephant urine successfully generated a power of 0.7 -2.5 V in 200ml, which is sufficient to light a LED and small buzzer. In this process the cow urine was primarily treated. It is a very cost effective and an alternative source of energy which will be adopted for the future

12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application: 17/07/2015 (43) Publication Date: 31/07/2015

(54) Title of the invention: SIXTH SENCE FOR VEHICLES

(51) International classification	:G07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.M G GIREESHAN
(32) Priority Date	:NA	Address of Applicant :RESEARCH SCIENTIST, BHARATH
(33) Name of priority country	:NA	UNIVERSITY, 173, AGHARAM ROAD, SELAIYUR,
(86) International Application No	:NA	CHENNAI - 600 073, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR.M G GIREESHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3677/CHE/2015 A

## (57) Abstract:

(19) INDIA

Sixth sense for vehicles is the new device for accident preventing system. All the people are aware of the air planes black boxes they are no longer just the key tool in investigation of airplane accidents the sixth sense for vehicles as the third eye is slowly gaining an important role in enquiry of car accidents as well. This system will undoubtedly help both the police and insurance companies in reconstruction of the events before the accident but it will also bring a number of benefits for the cars owner without any witnesses present. Microchips PIC micro 8bit MCUs offer a price/performance ratio that allows them to be considered for any traditional 8 bit MCU application as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications. These features and price performance mix make PIC micro MCUs an attractive solution for most applications. Here we employ PIC16F877A Microcontroller which receives data via a RS 232 converter and sends the information through the transmission logic unit. The combination of the amplifier and the serious pass transistors together with the resistive voltage divider to tap off a portion of the output voltage constitutes a feedback amplifier. The closed loop amplifier configuration acts to maintain the traction of the output voltage feedback to the amplifier inverting input terminal equal to the reference voltage that is supplied to the non-inverting input terminal. When the vehicle starts, GPS module sends the longitude and latitude position details of the vehicle to the microcontroller. Microchips PIC micro 8bit MCUs offer a price/performance ratio that allows them to be considered for any traditional 8 bit MCU application as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications. These features and price performance mix make PIC micro MCUs an attractive solution for most applications. The closed loop amplifier configuration acts to maintain the traction of the output voltage feedback to the amplifier inverting input terminal equal to the reference voltage that is supplied to the non-inverting input terminal sixth sense for vehicles as the third eye is slowly gaining an important role in enquiry of car accidents as well. This system will undoubtedly help both the police and insurance companies in reconstruction of the events before the accident but it will also bring a number of benefits for the cars owner without any witnesses present. Microchips PIC micro 8bit MCUs offer a price/performance ratio that allows them to be considered for any traditional 8 bit MCU application as well as some traditional 4 bit application, dedicated logic replacement and low end DSP applications

(21) Application No.3405/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :03/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: VERMICULITE ROOF TILES

(51) International classification	:C04B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TAMIL NADU MINERALS LIMITED
(32) Priority Date	:NA	Address of Applicant :31, KAMARAJAR SALAI,
(33) Name of priority country	:NA	CHEPAUK, CHENNAI 600 005, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)M.VALLALAR
(87) International Publication No	: NA	2)J.JEGAN
(61) Patent of Addition to Application Number	:NA	3)K.LOGANATHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The invention discloses a process for manufacture of Vermiculite Roof Tiles using Exfoliated Vermiculite Grade V powder, Ground Granulated Blast Furnace Slag, fly ash, slag cement, Water, Caustic soda solution, Lignosulfonates Liquid, Titanium Dioxide and Chopped Strand mat. The resultant Vermiculite roof tile produced has low thermal conductivity and is resistant to UV rays. This tile may be laid on a cement mortar mix spread over the RCC roof, thereby reducing the dead weight of the building.

(22) Date of filing of Application :03/07/2015

(43) Publication Date: 31/07/2015

(54) Title of the invention: MUTALIQ HRMS IS A CLOUD & ON PREMISE BASED APPLICATION PROVIDING THOSE IN HR DIVISION A COMPREHENSIVE SOLUTION FOR WORKFORCE MANAGEMENT AND EMPOWERING EMPLOYEES DIRECT ACCESS TO VIEW AND MANAGE THEIR OWN INFORMATION.

(2)	GO CE	7127
(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:INDIA	1)Mohammed Meraj Ul Haq Taqui
(32) Priority Date	:30/07/2015	Address of Applicant :Suite #39, Patallamma Street, Behind
(33) Name of priority country	:U.A.E.	Manoromma Appartments, Basavangudi, Bangalore Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)KRAFTCLOUD TECHNOLOGIES PVT LTD
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MOHAMMED MERAJ UL HAQ TAQUI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Data is secured & single sign on hosted on the cloud or on Premises and can be accessed by users using a thin client via a web browser. It is a Integrated solution with Microsoft SharePoint that uses a secure place to store, organize, share, and access information from almost any device. All you need is a web browser, such as Internet Explorer, Chrome, or Firefox.

(21) Application No.3693/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A PRE-INSULATED PIPELINE ASSEMBLY

	Fic	
(51) International classification	:F16L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SARDA SHRIKANT
(32) Priority Date	:NA	Address of Applicant :Villa No.1, Reliance Villas, New
(33) Name of priority country	:NA	Bowenpally, Secunderabad-500009, Telangana, India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SARDA SHRIKANT
(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:

Exemplary embodiments of the present disclosure are directed towards a pre-insulated pipeline assembly 100 comprising at least one of a pre-insulated tail piece releasably attached with a pipeline accessory, wherein the pipeline accessory comprises of at least one of a pre-insulated pipeline valve 101 and a pre-insulated pipeline strainer. In a particular embodiment of the present invention, the pre-insulated pipeline assembly has two pre-insulated tail pieces opposed to each other with a pre-insulated pipeline valve 101 /strainer positioned in between them. The pre-insulated tail piece comprises of a longitudinal hollow tubular body 106 with a first tail piece end 104 and a second tail piece end 105, wherein the first tail piece end 104 has a first flange 107 with at least one of a flange hole 109.

(21) Application No.3776/CHE/2015 A

(19) INDIA

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

# (54) Title of the invention : SYSTEM AND METHOD FOR MULTI-USER DETECTION IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M. RANGA RAO
(32) Priority Date	:NA	Address of Applicant :D.NO: 9/321, G.S.Puram, Gudivada-
(33) Name of priority country	:NA	521301, Krishna District, Andhra Pradesh, India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)M. RANGA RAO
(87) International Publication No	: NA	2)Dr. B PRABHAKARA RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Exemplary embodiments of the present disclosure are directed towards a method for multi-user detection(MUD) for code division multiple access (CDMA) system using elliptic curve cryptography(ECC). The method comprising sending at least one of the data signals by a plurality of users, modulating the at least one of the data signals; and filtering and combining the at least one of the data signals for a key generation.

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

(22) Date of filing of Application :16/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : BONDING OF FRESH AND HARDENED CONCRETE WITH GLYCOLURIL-FORMALDEHYDE ADMIXED CEMENT PASTE

		(71)Name of Applicant :
(51) International classification	:C04B	1)N.SELVAPALAM
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(32) Priority Date	:NA	KALASALINGAM UNIVERSITY, ANAND NAGAR,
(33) Name of priority country	:NA	KRISHNANKOIL - 626 126, SRIVILLIPUTHUR (VIA), Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	2)S.K.M.POTHINATHAN
(87) International Publication No	: NA	3)M. SHANMUGA SUNDARAM
(61) Patent of Addition to Application Number	:NA	4)M.MUTHU KANNAN
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)DR.N.SELVAPALAM
Filing Date	:NA	2)S.K.M. POTHINATHAN
-		3)M.SHANMUGA SUNDARAM

### (57) Abstract:

The need for effective bonding of hardened and fresh concrete is prioritized due to the fact that now a day concrete were used in mass constructional projects. In this invention a monomer called glycoluril is used as the bonding element of fresh and hardened concrete. The bonding effect was created by bringing glycoluril and formaldehyde into interaction. During this interaction the glycoluril is converted to polymer through polymerization process which is initiated through formaldehyde. This polymer tends to create high bonding effect between the existing hardened concrete and the new fresh concrete. This process is initiated in three stages; first a dry mix is laid upon the surface and formaldehyde is sprayed; secondly a thin layer of concrete admixed with glycoluril is spread and formaldehyde is poured; finally fresh concrete which has to be placed over the old or hardened concrete is poured and compacted. This process will create effective bonding and creates homogeneity in the connecting layers,

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

(22) Date of filing of Application :16/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : NATURAL STEATITE BASED POLYMER BINDING MATERIAL AS A REPLACEMENT TO CEMENT IN BINDING PASTE, MORTAR AND CONCRETE

		(71)Name of Applicant :
(51) International classification	:C04B	1)M. SHANMUGA SUNDARAM
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF CIVIL
(32) Priority Date	:NA	ENGINEERING, KALASALINGAM UNIVERSITY, ANAND
(33) Name of priority country	:NA	NAGAR, KRISHNANKOIL - 626 126, SRIVILLIPUTHUR
(86) International Application No	:NA	TALUK, Tamil Nadu India
Filing Date	:NA	2)S.CHRISTOPHER GNANARAJ
(87) International Publication No	: NA	3)G.LIZIA THANKAM
(61) Patent of Addition to Application Number	:NA	4)M.MUTHUKANNAN
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)M. SHANMUGA SUNDARAM
Filing Date	:NA	2)S.CHRISTOPHER GNANARAJ
-		3)G.LIZIA THANKAM

#### (57) Abstract:

In this inventive process, the natural steatite acts as a binding material by completely replacing cement in binding paste, mortar and in concrete. Instead of water an alkaline solution which is a mixture having equal parts of sodium hydroxide and sodium silicate is used as an accelerator for the polymeric reaction, this reaction enables the monomer natural steatite powder .to ..attain its polymer state. The samples are allowed to undergo heat curing for 48 hours under a temperature of 60°c. By introducing this process we can achieve complete replacement of cement as a binding material. This natural steatite based polymeric binding materials can be used in the manufacturing of binding paste, mortar and concrete. The materials thus obtained can be used in the construction of concrete structures in replacement of cement paste, cement mortar and cement concrete.

No. of Pages: 9 No. of Claims: 8

(21) Application No.3742/CHE/2015 A

(19) INDIA

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

# (54) Title of the invention : PROCESS AND METHOD TO BUILD AND DEPLOY JUST-IN-TIME APPLICATIONS FROM ANY HAND-HELD DEVICE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIDYADHARA S TALYA
(32) Priority Date	:NA	Address of Applicant :#7, 7th MAIN, 17TH CROSS, BTM
(33) Name of priority country	:NA	2ND STAGE, BENGALURU - 560 076, Karnataka India
(86) International Application No	:NA	2)HARI PRAKASH SHANBHOG
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIDYADHARA S TALYA
(61) Patent of Addition to Application Number	:NA	2)HARI PRAKASH SHANBHOG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to newprocess and method to design, build and deploy next generation platform-agnostichand-held device or web application that are flexible, smart and connected. These Applications are more secure and can be created or deleted on the fly either from anyhand-held device or web. We call these Applications Amoeboid Apps or Just-In-Time Apps. This new method is called JITA (Just In Time Apps) method. The objective of this invention is To create a new operating model for application development and deployment. To enable building and managing Applications on any hand-held device or tab (unlike the current web or PC based development) To publish Applications once (from any platform) and make it work from anywhere. To propose an alternative process for application installation (unlike conventional method of downloading and installing Applications) by consumers on their hand-held device. Our goal is to leverage hand-held device technology to bridge the digital divide by creating a scalable and self-governing operating model for software development which creates entrepreneurs and generates jobs to improve the quality of life.

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

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

# (54) Title of the invention : A PROCESS AND METHOD TO DISPLAY REAL-TIME CLASSROOM STATUS ON A PUBLIC DISPLAY IN CAMPUS

(51) International classification	:G09B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VIDYADHARA S TALYA
(32) Priority Date	:NA	Address of Applicant :#7, 7th MAIN, 17TH CROSS, BTM
(33) Name of priority country	:NA	2ND STAGE, BENGALURU - 560 076, Karnataka India
(86) International Application No	:NA	2)HARI PRAKASH SHANBHOG
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIDYADHARA S TALYA
(61) Patent of Addition to Application Number	:NA	2)HARI PRAKASH SHANBHOG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to the field of Information and Communication Technology. Aprocess and method where the status of each class like lecturer name, room number, topic covered, time when attendance taken, students absent etc be made available @ real-time (period wise) to all the stakeholders in the education space (viz, Principal, Staff, Students and Parents) either on their mobile phones or web or on any display screen. We call this as a Real-Time Campus Dashboard. Our goal is to leverage mobile technology to bring in the much needed transparency and accountability in the education space to improve the quality of life.

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

(21) Application No.3744/CHE/2015 A

(19) INDIA

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

# (54) Title of the invention : A PROCESS AND METHOD TO CONTINUOUSLY AUTHENTICATE THE USER FOR ASSESSMENTS ON ANY HAND-HELD DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:g06Q :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)VIDYADHARA S TALYA Address of Applicant:#7, 7th MAIN, 17TH CROSS, BTM 2ND STAGE, BENGALURU - 560 076, Karnataka India 2)HARI PRAKASH SHANBHOG (72)Name of Inventor:
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	1)VIDYADHARA S TALYA 2)HARI PRAKASH SHANBHOG

#### (57) Abstract:

This invention relates to the field of information and communication technology. The objective of the present invention is to provide a process which continuously checks the validity of the user who takes up the assessment tests on the hand¬held device. This avoids impersonation of the person who takes up the assessment test either at on common place or across the geographical boundaries. We have also covered methods for delivery additional services for the benefit of all stakeholders for a healthy and stable eco-system to bridge the digital divide between rural and urban segments of the society.

No. of Pages: 12 No. of Claims: 3

(22) Date of filing of Application :20/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR PERFORMING A HANDOVER IN A WIRELESS BROADBAND NETWORK

(51) International classification	:H04W	(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.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAPTARSHI CHAUDHURI
(87) International Publication No	: NA	2)IRFAN BAIG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (57) Abstract:

A method and system for performing a handover in a wireless broadband network is disclosed. The method comprises receiving, measurement reports from one or more User Equipment (UE) associated with a serving base station (BS); determining occurrence of one or more handover event types based on the one or more measurement reports; counting a number of occurrences of each of the one or more handover event types within a predefined period; determining a consistency count for each of the one or more handover event types based on the number of occurrences of the one or more handover event types; and performing a handover based on a comparison between the consistency count for each of the one or more handover event types and associated threshold consistency counts for the one or more handover event types.

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

(21) Application No.3716/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :20/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PORTABLE CLEANING DEVICE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	(71)Name of Applicant : 1)THOMAS MANOJ Address of Applicant :KATTAKKAYAM
(33) Name of priority country		CHAKKAMPUZHA P.O PALA KOTTAYAM Kerala India
(86) International Application No		(72)Name of Inventor:
Filing Date	:NA	1)THOMAS MANOJ
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A portable cleaning device adapted to clean a vehicle without having to exert much pressure on the cleaning brush or the surface being cleaned is disclosed. Said device comprises of a rotable brush (10) configured to be driven by a bi¬directional DC motor (5), wherein said device further features suitable means to supply regulated volumes of water and shampoo to the area where the brush comes in contact with the cleaning surface. The cleaning action of the brush is further aided by secondary bristles (11) fixed to the periphery of a conical structure, partially enclosing the rotable brush.

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

(19) INDIA

(22) Date of filing of Application :17/07/2015

(21) Application No.3666/CHE/2015 A

(43) Publication Date: 31/07/2015

(54) Title of the invention: MGE-HELMET

:G06F	(71)Name of Applicant :
:NA	1)BHARATH UNIVERSITY
:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
:NA	CHENNAI - 600 073, Tamil Nadu India
:NA	(72)Name of Inventor:
:NA	1)DR.M G GIREESHAN
: NA	2)DR.T.KRISHNAKUMAR
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract:

I am submitting the details of my invention. One of my own project works mge-HELMET named mge- HELMET system The invention of Protect a law of government for secure drive in bike using helmet for protecting a head injury death. It is used for bike, scooter etc...It helps an advice the driver proper orders and instructions for using the helmet. If the driver denies obeying the vehicle can make a warning after still by the bike with in a period of seconds. Reduced so that without helmet driving, Accidents on road can be reduced. Any type of theft of helmet can be identified and located This system has two important electronic transceiver sections. One device is connected inside the vehicle from the company concerned. A slight change can be done at the time of vehicle registration. The next system is our own helmet used via password but if the driver does not agree to obey the order message. The system, can stop the engine of the vehicle with in a short period of seconds. If any vehicle is stopped accordingly by the system. Such vehicle can re-start to precede journey only after detect the owned helmet. So that the helmet any type of theft can be identified and located can be taken in to custody by the authority, and can be prosecuted accordingly. The data memory is partitioned in to four Banks. Each Bank Contains GPRs and SFRs. Switching between these Banks requires the RPO and RP1 bits in the STATUS register to be configured for each bank extends up to 7Fh(128 bytes). The lower locations of Each bank are reserved for the SFRs. Above the Special Function Registers are the General Purpose registers. All data memory is implemented as static RAM. Some high use SFRs from the BankO are mirrored in the other banks for the core reduction and quicker access. If this project is implemented through the Government I am sure that it will be a great success and safety in the Valuable human life. It helps and advices the users of helmet. If the driver denies obeying the warning given by the vehicle, the bike will automatically stop with in a period of seconds., Accidents on road can be reduced. Any type of theft of helmet can be identified and located. Data memory is made up of the special function registers area, and the general purpose registers area. The SFR controls the operation of the device while GPR are the general area for data storage and scratch pad operations

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

(22) Date of filing of Application :16/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: KEYLESS AUTOMATIC HELMET LOCKING SYSTEM

#### (57) Abstract:

A combination of permanent magnet and an electromagnetic mechanical helmet lock mechanism is provided that operates automatically keyless in the motorcycles. In particular, present invention relates to securing of the helmets to motorcycles on a lock upon the handlebar bolt region with a custom adjustable angular positioning ability that secures the helmet using a permanent magnet and an electromagnetic mechanical lock mechanism that operates automatically enabling the rider to easily access the invention for a strain free locking and removal of their helmets saving a good time and energy. The present helmet locking devices use an angle setter that usually changes its angle of positioning when the helmet is locked to it as per user<sup>TM</sup>s comfort and will be set permanently until the user requires a change. This prevents the motorcycle paint & decals from damage.

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

(21) Application No.3655/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHODS AND SYSTEMS FOR DETECTING FINANCIAL CRIMES IN AN ENTERPRISE

:G06Q	(71)Name of Applicant:
:NA	1)WIPRO LIMITED
:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
:NA	Bangalore 560035, Karnataka, India.
:NA	(72)Name of Inventor:
:NA	1)HEMANT MANOHAR WARADKAR
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract:

This disclosure relates generally to financial crimes and more particularly to methods and systems for detecting financial crimes in an enterprise. In one embodiment, a method for detection of financial crimes is disclosed. The method includes consolidating, via a processor, data associated with financial transactions collected from multifarious data sources. The method further includes identifying, via the processor, one or more financial crime scenarios based on correlation and interdependencies between data collected from the multifarious data sources. The method finally includes predicting in real-time, via the processor, one or more financial crimes by applying artificial intelligence and analytics to the one or more financial crime scenarios and the data collected from the multifarious data sources.

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

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A PROCESS FOR DETECTING VIRULENT GENES OF ENTEROCOCCUS FAECALIS AND A DETECTION KIT THEREOF

(51) International classification :c12c (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	Address of Applicant :National Institute of Ocean Technology Ministry of Earth Sciences (MoES), NIOT Campus, Velachery- Tambaram Road, Narayanapuram, Pallikaranai PO, Chennai 600100 Tamil Nadu, India
--	---

### (57) Abstract:

The present disclosure relates to a process for detecting major virulent genes in Enterococcus faecalis (asa1, gelE and hyl) using Multiplex PCR. The crude DNA is extracted using known processes and then processed for Multiples PCR for amplification and detection of the virulent genes. The present disclosure also provides a cost-effective, easy-to-use and user friendly kit for detecting the virulent genes in Enterococcus faecalis.

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

(22) Date of filing of Application :20/07/2015 (43) Publication Date : 31/07/2015

### (54) Title of the invention: FULLY AUTOMATIC AND COMPLETELY PORTABLE MEDICAL SOLUTION

(87) International Publication No : NA (61) Patent of Addition to Application Number : NA Filing Date : NA :NA (1) Vinay V Kabadi (2) Tanoy Kumar Paul	<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA :NA :NA	(71)Name of Applicant:  1)Vinay V Kabadi  Address of Applicant:#63, Shree Radhakrishna Nivas, Ayyappa Enclave, Kogilu, Yelahanka, Bangalore Karnataka India 2)Tanoy Kumar Paul
(02) Divisional to Application (value)	(61) Patent of Addition to Application Number	:NA	· •

### (57) Abstract:

In the heath care domain, a lot of automation has been achieved to provide medical consultations and solutions. To make such solutions available at the door steps, a completely automatic and portable medical solution is proposed; A vehicle with a portable design for the completely automated medical solution in the form of a moving hospital. The system consists of online doctors in both machine and human forms with fully automated pharmacy, diagnostic laboratory, operation theatres, etc. This system supports the basic end to end medical solutions, which facilitates services like consulting patients remotely, auto generation of prescription, suggesting medicine and tests. Based on the auto generated prescriptions the system can deliver the prescribed medicines and perform the diagnostic tests; based on the auto generated test reports the system can also perform automated operations with the state of art technologies of the time. The complete portable medical solution is a combination of detachable units like automated clinic, automated medicine store, diagnostic laboratory, automated operation theatre, the system supports detaching of dedicated units for patients. The detachable units like the operation theatre can be delivered at the door steps of the patients on need basis. Hence this system offers a completely automated and portable medical solution for the patients in form of a moving car at any remote place.

No. of Pages: 14 No. of Claims: 8

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

# (54) Title of the invention: AN EMERGENCY LIGHTING SYSTEM WITH SMART SWITCHING

(51) International classification	:H02J	(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.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THOMAS CHITTAKATTU NINAN
(87) International Publication No	: NA	2)VIJAY KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method to provide emergency lighting, the method comprising: detecting absence of current in the emergency lighting system; determining state of a main power switch connecting the emergency lighting system with a main power supply; and switching to backup power to provide emergency lighting based on the determination of the state of the main power switch. A system, the system comprising: a signal generator to generate a control signal; a switching unit to connect and disconnect a light emitting element; a control signal senor to detect the control signal in the emergency lighting system.; and a switching controller linked to the switching unit to: detect absence of current in the emergency lighting system; determine state of a main power switch not tied to the emergency lighting system; and switch to backup-up power to provide the emergency lighting based on the determination of the state of the main power switch.

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

(12)TATENT ATTEMENTION TOBERCATION

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 31/07/2015

(54) Title of the invention: ELEPHANT STRESENSOR

:G06F	(71)Name of Applicant:
:NA	1)DR.M G GIREESHAN
:NA	Address of Applicant :RESEARCH SCIENTIST, BHARATH
:NA	UNIVERSITY, 173, AGHARAM ROAD, SELAIYUR,
:NA	CHENNAI - 600 073, Tamil Nadu India
:NA	(72)Name of Inventor:
: NA	1)DR.M G GIREESHAN
:NA	2)DR.R.VASUKI
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(21) Application No.3675/CHE/2015 A

### (57) Abstract:

(19) INDIA

This is a portable electronic device for measuring the stress of elephants from urine. For this study urine was collected from 15 elephants and tested. Stresensor is equipment for the analyses of biological reaction. It is a reader device and user friendly associated with electronics and signal processing units. One common example of a Stresensor is like a glucometer.. We are also successful in isolating the electrogenic bacteria which include bacillus species and pseudomonas species. The main objective being the generation of alternating form of electricity from elephantsurine. This project is mainly of two parts. One is the Biological strip and second is the Electronics detector module. Only the strip is enough for the electrons detecting. When biological reaction is completed the electrons come at other end of the strip depends on quantity of venom. But this reaction is not visible through human eyes. The detector sensor is important factor at this time. The Microcontroller (Programmed integrated circuit) is the main part of detector sensor. The function of Microcontroller is continuous testing of some terminals. When electrons come at these terminals the display will show the quantities of electrons come and which terminal is activated. The Analogue to digital converter (ADC) is an important section of this project. ADC is used for the measure of electron flow. The use of display is to show the amount of parameters and the name of Things. The main objective, being the generation of alternating form of electricity from elephantsurine. The growth of computational approaches within various biomedical disciplines is raising due to the production of useful bioinformatics database and methods for the rest of the biomedical scientific community. Bioinformatics has, been growing for about last thirty years. The field development has experienced leaps and bounds due to the advanced in technologies and emerged invaluable in many research works. Molecular sequence databases are a widely adopted contribution in biomedicine from the field of bioinformatics, and microarray analysis is one of the major techniques used by the bioinformatics community As an every disease has a genetic component, the sequenced human genome will have profound effect on the fields of biomedical research. Improved understanding of disease mechanisms can be gained using computational tools to identify and validate new drug targets. Bioinformatics has applications in various fields like personalized medicine, Preventative medicine, Microbial genome applications, evolutionary studies, insectresistance, Improve nutritional quality

No. of Pages: 8 No. of Claims: 4

(21) Application No.3672/CHE/2015 A

(19) INDIA

(22) Date of filing of Application: 17/07/2015 (43) Publication Date: 31/07/2015

### (54) Title of the invention: EXCESS CASE RECOGNIZING SYSTEM

:G06F	(71)Name of Applicant:
:NA	1)BHARATH UNIVERSITY
:NA	Address of Applicant :173, AGHARAM ROAD, SELAIYUR,
:NA	CHENNAI - 600 073, Tamil Nadu India
:NA	(72)Name of Inventor:
:NA	1)DR.M G GIREESHAN
: NA	2)DR.T.KRISHNAKUMAR
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract:

This system comes into the recognition mode. In this mode when a voice command input through the microphone will be again converted into an 8 bit pattern and will be compared with the stored pattern. If any match between the patters were found then the voice processor chip will place the corresponding 8 bit numeric code into its data bus. Data bus contents are to be latched. The data bus is interfaced with an 8 bit microcontroller(PIC 16F877A) and the code data accepted by the controller is processed and required commands will be send through-a transceiver-which i:is-based on ZigBee,that is interfaced with USART; a built in peripheralfacility available with the microcontroller. An LCD display will also be there to verify the integer code. The control commands transmitted through the ZigBee is received by another ZigBee and the signal are processed by another microcontroller. The received codes are decoded at there and appropriate signals are generated to control the motor of the robot car. At the car there is an arm which collect s the waste from the required locations. And the robotic vehicle is attached with a color sensor which provides an output of RGB components. The color-sensor is used to identify the container or locations to which the waste to be deposited. This project is to design a waste bin detecting robot and useitasa platform for the waste disposal purpose and maintain a clean environment. Sometimes a direct human interaction is hazardous to their health and may cause some severe health problems to the scavengers. This project will help them to overcome such problems. This system can be controlled by voice commands and the robotic arm can collect the waste and put them-to the specified location or containers.

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

(21) Application No.5016/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : MUTANT STRAIN OF GLAREA LOZOYENSIS AND USE THEREOF FOR PREPERATION OF PNEUMOCANDIN B0

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JC Biotech Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :Plot No. 3, Sagar Society, Road No2,
(33) Name of priority country	:NA	Banjara Hills, Hyderbad-500 034, Andhra Pradesh, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sivaram prasad
(87) International Publication No	: NA	2)Murali Jaganathan
(61) Patent of Addition to Application Number	:NA	3)B.V.V.Ravindra
Filing Date	:NA	4)Naveen K. Bondalapati
(62) Divisional to Application Number	:NA	5)Vasanth Kumar
Filing Date	:NA	

### (57) Abstract:

The present invention provides a stable genetic mutant, Glarea lozoyensis JCCC-1097 and process of using the strain for production of Pneumocandin B0 in high yield with reduced level of structural analogues especially Pneumocandin C0

No. of Pages: 15 No. of Claims: 17

# **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.1073/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

### (54) Title of the invention: OPTICAL TRANSPORT NETWORK TRANSIENT MANAGEMENT SYSTEMS AND METHODS

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CIENA CORPORATION
(32) Priority Date	:NA	Address of Applicant :1201 WINTERSON ROAD,
(33) Name of priority country	:NA	LINTHICUM, MARYLAND 21090, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)PRAKASH, ANURAG
(61) Patent of Addition to Application Number	:NA	2)GAREAU, SEBASTIEN
Filing Date	:NA	3)YOUNG, ALEXANDER GURD
(62) Divisional to Application Number	:NA	4)SWINKELS, GERARD L.
Filing Date	:NA	
		•

#### (57) Abstract:

An Optical Transport Network (OTN) transient management method, OTN node, and OTN network includes operating an OTN connection in a first mode in a network, the OTN connection traverses at least two nodes in the network, requesting a change in the OTN connection to a second mode which will cause a network transient, the change includes a timing change on the OTN connection affecting the at least two nodes, and performing transient management at the at least two nodes to mitigate the network transient, the transient management prevents spurious alarms due to the change between the first mode and the second mode.

No. of Pages: 45 No. of Claims: 20

(21) Application No.1186/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 31/07/2015

### (54) Title of the invention: AN INTERNET BASED RESOURCE ACCEPTANCE, ALLOCATION AND REJECTION SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06F :NA :NA	(71)Name of Applicant:  1)LOKESH MOHAN BHAGAT Address of Applicant:D-205, SECTOR 10, NOIDA, UTTAR
(33) Name of priority country	:NA	PRADESH, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LOKESH MOHAN BHAGAT
(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 online resource management system, that comprises a first service seeking node, a second service seeking node, a server that generates a unique identification number for the first service seeking node, enables the first service seeking node to create multiple profiles using the associated unique identification number and enables the second service seeking node to fetch limited information regarding the profiles of the first service seeking nodes. The server is also configured to store, update and modify information regarding plurality of the candidate nodes and plurality of the recruiter nodes in the resource management system. The resource management system represents information about the candidate nodes in a graphical format. The graphical representation of the candidate node is two-versioned both actual and projected, the actual representation is based on the current and actual career path of the candidate node, the projected graphical representation of the career path of the candidate node is created and extrapolated through comparisons with other candidate nodes having similar skills, interest areas. The server is also configured to send unique flags to the selected candidate nodes seeking their permission to attend the interviews.

No. of Pages: 43 No. of Claims: 28

(22) Date of filing of Application :18/04/2012 (43) Publication Date : 31/07/2015

### (54) Title of the invention: AN ANIMAL DRAWN SIX-IN-ONE TILLAGE ASSEMBLY/OUTFIT

(51) International classification	·R62D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G. B. PANT UNIVERSITY OF AGRICULTURE AND
(32) Priority Date		TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :PANTNAGAR-263145, DISTRICT-
(86) International Application No	:NA	U.S. NAGAR, UTTARAKHAND India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DR. TARA CHANDRA THAKUR
(61) Patent of Addition to Application Number	:NA	2)KARUNA MURMU
Filing Date	:NA	3)SHYAM PRASAD DHYANI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention is related to development of an Animal Drawn Six-in-One Tillage /Assembly/Outfit especially for soil cultivation in hilly regions. The Tillage Assembly /Outfit is embodied with different components alternately for performing various farm operations such as ploughing without soil inversion, deep placement of fertilizer at over 150 mm depth, furrow / ridge formation, sowing of cereals and pulses, interculture operation and potato digging. Different soil working components are attached with the tillage assembly/outfit with two nuts and bolts only. The Tillage Assembly /Outfit when mounted with individual components is known as Animal Drawn Jet plough or Fertilizer Applicator or Seed Drill or Ridger / Furrower or Inter culture Tool or Potato Digger. The Tillage Assembly /Outfit is light in weight (7 kg) with total weight of complete set varying from 10 to 17 kg only depending upon the components in use. It could be operated with a small size draft bullocks each weighing from 200 to 300 kg which are the common breeds in the Himalayan regions of the country.

No. of Pages: 38 No. of Claims: 12

(21) Application No.125/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :15/01/2008 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AN AIRCRAFT ARRESTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B64F1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)DIRECTOR GENERAL, DEFENCE RESEARCH &  DEVELOPMENT ORGANISATION  Address of Applicant: MINISTRY OF DEFENCE, DEFENCE GOVT. OF INDIA, ROOM NO: 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110 011, INDIA.  (72)Name of Inventor:  1)R. K. SHARMA  2)RAJEEV JAIN  3)K. K. KATIYAR  4)PRAMOD KUMAR  5)MAYARAM
---	--	--

# (57) Abstract:

The present invention describes to a decelerator system, particularly, the present invention relates to a mechanical system used for stopping a fast moving vehicle, more particularly the present invention describes to a system for stopping an aircraft during emergency condition.

No. of Pages: 29 No. of Claims: 16

(22) Date of filing of Application :01/09/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention: BRAKE DRUM WITH A FRICTION LINER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :N	DEVELOPMENT ORGAN Address of Applicant :MI	NISTRY OF DEFENCE, GOVT, OF VING, DRDO BHAWAN, RAJAJI 1, India  DESHMUKH JA RAO DWTAM MOHAPE
---	--	--

### (57) Abstract:

The subject matter described herein is directed to a brake drum 402 with a friction liner. The brake drum 402 includes an outer shell 404 and a friction liner 302. The outer shell 404 is formed from a first material such as a metal alloy. The friction liner 302 is formed from a functionally graded metal matrix composite (FGMMC) material. The brake drum 402 produced by the method described herein is economical and easy to manufacture. Also, due to an increased volume fraction of ceramic particles present in the friction liner 302, better wear resistance and enhanced life of the brake drum 402 is achieved.

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

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 31/07/2015

### (54) Title of the invention: METHOD AND DEVICE FOR MANUFACTURING TITANIUM OBJECTS

(51) International classification	:B23K 9/04	(71)Name of Applicant:
(31) Priority Document No	:0914301.7	1)NORSK TITANIUM COMPONENTS AS
(32) Priority Date	:14/08/2009	Address of Applicant :SOMMERROGATEN 13-15,N-0255
(33) Name of priority country	:U.K.	OSLO, NORWAY
(86) International Application No	:PCT/NO2010/000303	(72)Name of Inventor:
Filing Date	:11/08/2010	1)GULDBERG, SIGRID
(87) International Publication No	:WO 2011/019287	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to a method and reactor of manufacturing an object by solid freeform fabrication, especially an object made of titanium or titanium alloys. The reactor of production of an object of a weldable material by solid freeform fabrication comprises a reactor chamber which is closed to the ambient atmosphere, wherein the reactor is given a design such that all adjacent wall elements forming the reactor chamber are joined with an obtuse angle (larger than 90°), the actuator located below the reactor chamber is given a design such that the actuator protrudes into the reactor chamber through an opening at the bottom of the reactor chamber holding the support substrate inside the reactor chamber, the opening is sealed by at least one elastic gas impermeable membrane which is gas tight attached to the reactor wall at the opening and to the actuator, the actuator located outside the reactor chamber is given a design such that the actuator protrudes into the reactor chamber through an opening at the side of the reactor chamber holding the high energy plasma transferred arc welding torch with wire feeder of the weldable material inside the reactor chamber, the opening is sealed by the at least one elastic gas impermeable membrane which is gas tight attached to the reactor chamber, the opening and to the actuator, and the reactor is equipped with at least one closable gas inlet located at the lowest level of the reactor chamber and at least one closable gas outlet located at the highest level of the reactor chamber.

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

(21) Application No.2017/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CONTINUOUSLY VARIABLE TRANSMISSION

(64) T	E1 CII	
(51) International classification	:F16H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant :1, TOYOTA-CHO, TOYOTA-SHI,
(33) Name of priority country	:NA	AICHI, 471-8571,JAPAN
(86) International Application No	:PCT/JP2011/057902	(72)Name of Inventor:
Filing Date	:29/03/2011	1)SHINA TAKAHIRO
(87) International Publication No	:NA	2)MURAKAMI AKIRA
(61) Patent of Addition to Application	:NA	3)OGAWA HIROYUKI
Number		4)TOMOMATSU DAISUKE
Filing Date	:NA	5)ARATSU YUKI
(62) Divisional to Application Number	:NA	, '
Filing Date	:NA	

#### (57) Abstract:

Provided with first and second rotational members (10, 20), a sun roller (30), a plurality of planetary balls (40) sandwiched between the first and second rotational members (10, 20), a support shaft (41) of each of the planetary balls (40), a shaft (50), a carrier (60), an iris plate (80) and a worm gear (81) for tilting each of the planetary balls (40), and an input shaft (11) and an output shaft (21) individually fixed to the first and second rotational members (10, 20), respectively, in which a movable amount of the sun roller (30) relative to the carrier (60) in an axis line direction is set to be smaller than the movable amount of the second rotational member (20) relative to the carrier (60) in the axis line direction when the input shaft (11) is arranged so as to be relatively rotatable on an outer peripheral surface of the output shaft (21).

No. of Pages: 70 No. of Claims: 7

(21) Application No.2018/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : COMBINATION THERAPY WITH NANOPARTICLE COMPOSITIONS OF TAXANE AND HEDGEHOG INHIBITORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:61/236,813 :25/08/2009 :U.S.A. :PCT/US2010/046684 :25/08/2010 :WO 2011/025838 :NA :NA	(71)Name of Applicant:  1)ABRAXIS BIOSCIENCE, LLC Address of Applicant:11755 WILSHIRE BOULEVARD, SUITE 2100, LOS ANGELES, CA 90025, USA (72)Name of Inventor: 1)TAO CHUNLIN 2)DESAI NEIL P. 3)SOON-SHIONG PATRICK
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

The present invention provides combination therapy methods of treating a proliferative disease (such as cancer) comprising administering to an individual an effective amount of a taxane in a nanoparticle composition, and a hedgehog inhibitor that inhibits a hedgehog signaling pathway.

No. of Pages: 109 No. of Claims: 19

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PRESSURE OPERATED SWITCHING VALVE FOR EXHAUST SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F16B :102011075446.6 :06/05/2011 :Germany :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)ROBERT BOSCH GMBH  Address of Applicant:POSTFACH 30 02 20, 70442  STUTTGART, GERMANY  (72)Name of Inventor:  1)LEONHARD, MAX  2)GANSEL, RAINER 3)BREUSING, PEER 4)ZWING, KLAUS-DIETER
---	---	---

### (57) Abstract:

The present subject matter relates to an apparatus for reducing NOx in the exhaust gas of an internal combustion engine having an exhaust system (28). In this a reducing agent (50), prepared particularly in the form of a spray mist (30), is introduced. A mixing valve (40) actuated by a pressure of the reducing agent (50) is disposed in a metering unit (24) biased with compressed air (52) and with reducing agent (50).

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :20/01/2015 (43) Publication Date : 31/07/2015

### (54) Title of the invention: DOUBLE-HEADED PISTON TYPE SWASH PLATE COMPRESSOR

(51) International classification	:F04B27/08	(71)Name of Applicant :
(31) Priority Document No	:2014- 011548	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant :2-1, Toyoda-cho, Kariya-shi, Aichi-ken,
(32) Priority Date	:24/01/2014	Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKAMORI Masashi
Filing Date	:NA	2)DETO Norikazu
(87) International Publication No	: NA	3)BANNO Nobutoshi
(61) Patent of Addition to Application Number	:NA	4)KOBAYASHI Toshiyuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A double-headed piston type swash plate compressor includes a housing and a rotary shaft. The housing defines a swash plate chamber and includes a cylinder block, a front housing member coupled to a front end of the cylinder block, and a rear housing member coupled to a rear end of the cylinder block. The rotary shaft is supported by the housing. A protrusion is provided in a suction chamber of the rear housing member and protrudes toward an opening of an axial passage formed in the rotary shaft. A restrictor through which refrigerant passes when flowing from the suction chamber to the axial passage is formed between the protrusion and the rear end of the rotary shaft. The protrusion has a distal end sized such that the distal end can be inserted in the opening of the axial passage.

No. of Pages: 20 No. of Claims: 7

(22) Date of filing of Application :06/03/2012

(43) Publication Date: 31/07/2015

(54) Title of the invention: AN INTELLIGENT PERIPHERAL DEVICE AND SYSTEM FOR THE AUTHENTICATION AND VERIFICATION OF INDIVIDUALS AND/OR DOCUMENTS THROUGH A SECURE MULTIFUNCTIONAL AUTHENTICATION SERVICE WITH DATA STORAGE CAPABILITY

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:61/274,139	1)SZOKE, THOMAS
(32) Priority Date	:13/08/2009	Address of Applicant :921 PARKSIDE POINTE BLVD
(33) Name of priority country	:U.S.A.	APOPKA, FLORIDA 32712, US U.S.A.
(86) International Application No	:PCT/US2010/045443	2)FOZZATI, DANIEL
Filing Date	:13/08/2010	3)VAGO, ANDRAS
(87) International Publication No	:WO 2011/019996	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SZOKE, THOMAS
Number	:NA	2)FOZZATI, DANIEL
Filing Date	.NA	3)VAGO, ANDRAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		•

An intelligent peripheral device comprising: a biometric authentication module; an optical character recognition reader; a radio frequency identification reader, wherein the radio frequency identification reader further comprises an antenna; an optical document scanner; a secure access module; a machine readable zone reader; a wireless communications module; and a plurality of data storage modules wherein said biometric authentication module; an optical character recognition reader; a radio frequency identification reader, wherein the radio frequency identification reader, the biometric authentication module, the optical character recognition reader, the optical document scanner, the secure access module, the machine readable zone reader, the wireless communications module and the plurality of data storage modules are in electronic communication; and wherein the device upon implementation into a system, is disposed to control a set of transactions that the system is designated to perform by the device, in con junction with a data transfer medium which is under the control of the device.

No. of Pages: 69 No. of Claims: 50

(22) Date of filing of Application :06/03/2012 (43)

(43) Publication Date: 31/07/2015

# (54) Title of the invention : METHOD FOR THE MODEL-BASED DETERMINATION OF ACTUATOR NOMINAL VALUES FOR THE ASYMMETRIC ACTUATORS OF THE ROLL STANDS OF A HOT WIDE STRIP MILL

(51) International classification	:B21B 37/28	(71)Name of Applicant :
(31) Priority Document No	:10 2009 043 400.3	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:29/09/2009	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:Germany	MUNCHEN, GERMANY
(86) International Application No	:PCT/EP2010/061516	(72)Name of Inventor:
Filing Date	:06/08/2010	1)REINSCHKE; JOHANNES
(87) International Publication No	:WO 2011/038965	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		<u>'</u>

#### (57) Abstract:

The invention relates to a design for the model-based determination of actuator nominal values for a hot wide strip mill comprising a plurality of roll stands, by which means the application of the actuator nominal values enables the adjustment of a desired target contour of the roll gaps of the stands. In a first method step, a nominal speed conicity of the hot strip is defined after each stand. In the second step, values for the strip thickness contours at the outlets of the stands are determined by means of strip flatness models. In the third step, roll separating force distributions to be applied for each stand are distributed by means of material flow models. In the fourth step, the target contour for the strip advancement actuators is determined, while in the fifth step, the actuator nominal values are calculated, for each stand, from the target contour by means of an optimising method.

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

(22) Date of filing of Application :03/10/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : DEVELOPMENT OF A CYCLE PROCESS FOR THE PRODUCTION OF HIGH PURITY SODA ASH WITH REDUCED FLUORIDE CONTENT FROM MINERAL TRONA

(71) Y	0.7	
(51) International classification	:c0'/c	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)MAHESHKUMAR RAMNIKLAL GANDHI
(61) Patent of Addition to Application Number	:NA	2)JATIN RAMESHCHANDRA CHUNAWALA
Filing Date	:NA	3)PRATYUSH MAITI
(62) Divisional to Application Number	:NA	4)KIRITKUMAR MANGALDAS POPAT
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a development of a cyclical process for the production of soda ash from the mineral trona. More specifically, it relates to production of high purity soda ash with reduced fluoride content from trona available in Magadi lake.

No. of Pages: 18 No. of Claims: 3

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : FILE-BASED APPLICATION PROGRAMMING INTERFACE PROVIDING SELECTABLE SECURITY FEATURES

(74)	****	7127
(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:61/475,356	1)UNISYS CORPORATION
(32) Priority Date	:14/04/2011	Address of Applicant :TOWNSHIP LINE AND UNION
(33) Name of priority country	:U.S.A.	MEETING ROADS, BLUE BELL, PENNSYLVANIA 19424,
(86) International Application No	:NA	UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)MICHAEL T KAIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A data communication security system is disclosed that includes a network interface including a first security module implementing a first security architecture, and a second security module implementing a second security architecture different from the first security architecture. The network interface further includes a file-based application programming interface defining a plurality of attributes of the network interface and including at least one attribute associated with data security managed by one of the first and second security modules. The file-based application programming interface includes at least one attribute from among the plurality of attributes that is associated with selecting between the first or second security modules.

No. of Pages: 46 No. of Claims: 23

(21) Application No.1324/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A BOAT ROWING DEVICE

(51) International classification	:B63H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JITENDRA SHAH
(32) Priority Date	:NA	Address of Applicant :C/O JUPITER AGENTS, 36,
(33) Name of priority country	:NA	WOODVILLE ROAD, CARDIFF, CF 24 4EB, (UK)
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JITENDRA SHAH
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A boat rowing device is disclosed. The device comprises a driving gear secured to a plate. A driven gear is secured with the plate such that to receive rotational movement from the driving gear. A handle is secured with the driving gear to facilitate rotating the driving gear. An oar is secured with the driven gear such that to facilitate rowing of the boat.

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

(21) Application No.215/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A HYBRID SOLAR CHARGE CONTROLLER

(51) International classification	:H01L31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SU-KAM POWER SYSTEMS LIMITED
(32) Priority Date	:NA	Address of Applicant :306 KIRTI DEEP BUILDING, NEW
(33) Name of priority country	:NA	DELHI India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUNWER SACHDEV
(87) International Publication No	: NA	2)SANJEEV KUMAR SAINI
(61) Patent of Addition to Application Number	:NA	3)PRASHANT SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to a hybrid solar charge controller using solar power from the panels comprises solar charge controller unit with power supply, battery input, solar input, battery and PV reverse indication, mains interface and main control unit interfaced with real time clock and external communication unit wherein the solar charge controller units provided with ambient temperature compensation and peak power tariff control.

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

(22) Date of filing of Application :11/07/2012 (43) Publication Date : 31/07/2015

(54) Title of the invention: A Process for Simultaneous Detection of Shigella Sp. Salmonella Sp. E. coli and Proteus Sp.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12P :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Director General Defence Research and Development Organization  Address of Applicant: Ministry of Defence Govt. of India Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi 110105 India (72)Name of Inventor:  1)HARSH VARDHAN BATRA 2)SHYLAJA RAMLAL 3)LITTY BABU 4)RADHIKA MADAN URS 5)URMIL TUTEJA 6)HARISCHANDRA SRIPATHY MURALI 7)AMARINDER SINGH BAWA
---	---	--

#### (57) Abstract:

The present invention provides a binary process for simultaneous detection of Salmonella sp., Shigella sp., Proteus sp. and E. coli in a sample. In one aspect, the process includes steps of carrying out dot ELISA using monoclonal antibodies generated and characterized against outer membrane protein of Shigella flexneri and whole cell lysate of Salmonella typhimurium for detecting the presence of Salmonella sp., Shigella sp., Proteus sp. and E. coli in the sample, and conducting a set of biochemical tests for confirming presence of the Salmonella sp., Shigella sp., Proteus sp. and E. coli in the sample. The present invention also provides for the monoclonal antibodies generated and characterized against outer membrane protein of Shigella flexneri and whole cell lysate of Salmonella typhimurium. In another aspect, the present invention provides a kit for simultaneous detection of Salmonella sp., Shigella sp., Proteus sp. and E. coli in a sample involving an antigen-antibody reaction.

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

(22) Date of filing of Application :03/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: EURYCOMA LONGFOLIA EXTRACT AND USES THEREOF

		(71)Name of Applicant:
		1)HOLISTA BIOTECH SDN BHD
(51) International classification	:C07C	Address of Applicant :UNIT 1201, 12TH FLOOR, AMCORP
(31) Priority Document No	:NA	TRADE CENTRE, PJ TOWER, NO. 18, PERSIARAN BARAT,
(32) Priority Date	:NA	OFF JALAN TIMUR, 46050, PETALING JAYA, SELANGOR
(33) Name of priority country	:NA	DARUL EHSAN, MALAYSIA
(86) International Application No	:NA	2)COUNCIL OF SCIENTIFIC & INDUSTRIAL
Filing Date	:NA	RESEARCH
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BANI, SARANG
Filing Date	:NA	2)PANDEY, ANJALI
(62) Divisional to Application Number	:NA	3)KHAN, IMRAN
Filing Date	:NA	4)KOUL, SURRINDER
		5)SANGWAN, PAYARE LAL
		6)V. MARNICKAVASAGAR, M. RAJENDRAN A/1

# (57) Abstract:

There is provided Eurycoma longifolia stem, bark and/or root extract for use as adaptogen, in particular, for use in reducing and/or suppressing fatigue in a subject. More in particular, the extract according to the invention may be used for improving physical and/or mental performance, for example physical endurance performance, like improving swimming performance.

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

(21) Application No.1093/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : FLUID TREATMENT ARRANGEMENT AND METHODS OF MAKING FLUID TREATMENT ARRANGEMENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:C07C :61/476,874 :19/04/2011 :U.S.A. :NA :NA	(71)Name of Applicant: 1)PALL CORPORATION Address of Applicant:25 HARBOR PARK DRIVE, PORT WASHINGTON, NEW YORK 11050, U.S.A. (72)Name of Inventor: 1)FORMAN, RACHEL 2)WEINSTEIN, MARTIN J.
•		
Filing Date	:NA	

#### (57) Abstract:

A fluid treatment arrangement may include a fluid treatment unit having a multilayer structure. The multilayer structure may include at least one feed layer, at least one permeate layer, and at least one layer of a permeable fluid treatment medium between the feed layer and the permeate layer. The fluid treatment unit may further include a thermoset which holds the layers together and forms at least a portion of a first end surface of the fluid treatment unit. The fluid treatment arrangement may also include a thermoplastic sheet which overlies the first end surface of the fluid treatment unit. The thermoset directly bonds to the thermoplastic sheet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.167/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :19/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ELEVATOR CONTROL APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:b66b :2014- 010752 :23/01/2014 :Japan :NA	(71)Name of Applicant:  1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant:72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8585, Japan (72)Name of Inventor: 1)Jun Koizumi
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

### (57) Abstract:

According to one embodiment, an elevator control apparatus includes a building shake sensing unit for sensing a shake of a building and an operation control unit for when an amount of shaking of the building is a given amount or greater, restricting passengers entry and exit operations on a resonant floor where a rope is swayed greatly due to shaking of the building, to only entry or exit, and controlling an operation of the elevator car.

No. of Pages: 62 No. of Claims: 15

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ACCESS CONTROL SYSTEM, APPARATUS, AND PROGRAM

(51) International classification	:G06F 21/24	(71)Name of Applicant:
(31) Priority Document No	:2009-208312	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:09/09/2009	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 105-8001, JAPAN
(86) International Application No	:PCT/JP2010/063704	2)TOSHIBA SOLUTIONS CORPORATION
Filing Date	:12/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/030646	1)IKEDA TATSURO
(61) Patent of Addition to Application	:NA	2)MIYAZAKI SHINGO
Number	:NA	3)MORIJIRI TOMOAKI
Filing Date	.11/1	4)NISHIZAWA MINORU
(62) Divisional to Application Number	:NA	5)HASHIMOTO KAZUYA
Filing Date	:NA	

#### (57) Abstract:

According to one embodiment, a deriving operation control device obtains derivation control information and a derivation attribute. A deriving operation propriety determination unit extracts the number of times of previously-performed derivation from the derivation attribute. The deriving operation propriety determination unit extracts the upper limit number of times enabling derivation from the derivation control information. The deriving operation propriety determination unit determines that a deriving operation is possible when the number of times of previously-performed derivation is equal to or below the upper limit number of times enabling derivation. A deriving operation execution unit executes the deriving operation.

No. of Pages: 121 No. of Claims: 5

(22) Date of filing of Application :27/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention : THERMALLY-ASSISTED MAGNETIC RECORDING HEAD THAT SUPPRESSES EFFECTS OF MODE HOPPING

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:G11B11/00 :14/165367 :27/01/2014 :U.S.A. :NA	(71)Name of Applicant: 1)HGST NETHERLANDS B.V. Address of Applicant: HERIKERBERGWEG 238, LUNA ARENA, AMSTERDAM, NETHERLANDS, 1101 CM (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA :NA : NA	1)HARUKAZU MIYAMOTO
Filing Date  (62) Divisional to Application Number  Filing Date	:NA :NA :NA	

#### (57) Abstract:

In one embodiment, a device includes a laser unit configured to produce laser light, the laser unit having a laser resonator with a length in a direction parallel to laser light emission and a slider having a length in a direction perpendicular to a media-facing surface of the slider, the slider including a main magnetic pole configured, to write data to a magnetic medium, a near-field light-generating element configured to produce near-field light when laser light is provided thereto to assist the main magnetic pole in writing data to the magnetic medium by heating a local region of the magnetic medium, and a waveguide configured for guiding the laser light to the element, the waveguide including a cladding surrounding a core, wherein an interval of a longitudinal mode of the laser resonator is equal to within about 5% of an integer multiplier of an optical interference period of the waveguide.

No. of Pages: 58 No. of Claims: 20

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND SYSTEM FOR USE IN MONITORING HAZARDOUS GASES

(31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number  13/091,794 Add NEW Y (72)Na (72)Na (72)Na (73) Na (74) Na (74) Na (74) Na (75) Na (75) Na (75) Na (76) Na (76) Na (77) Na (78)	Name of Applicant: GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, Y YORK 12345, U.S.A. Name of Inventor: HATCH, CHARLES TERRANCE CAMPBELL, LAM ARTHUR CHEIKMAN, BORIS LEONID WHITEFIELD II, CHARLES DAVID
--	--

#### (57) Abstract:

A display assembly (118) for use with a monitoring system (100) is provided. The display assembly includes a communication interface (202) that is configured to receive hazardous gas (102) data indicative of a concentration level for at least one gaseous component. Moreover, the display assembly also includes a processor (210) that is coupled to the communication interface, wherein the processor is configured to generate at least one image based on the hazardous gas data. The display assembly also includes a display media (218) coupled to the processor, wherein the display media is configured to present the image to a user in real-time. The display assembly is positioned against the user such that the display assembly is movable with the user and the user is enabled to monitor hazardous gases within a location (108) while the user moves about the location.

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

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ALMOND BUTTER AND PREPARATION METHOD THEREOF

(51) International classification	:A01J (71)Name of Applicant :
(- )	15/00 1)ROHAN SACHIDANAND
(31) Priority Document No	:NA Address of Applicant :C-51 IFS APPARTMENT, MAYUR
(32) Priority Date	:NA VIHAR, PHASE 1, NEW DELHI-91 India
(33) Name of priority country	:NA (72)Name of Inventor:
(86) International Application No	:NA 1)ROHAN SACHIDANAND
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 Almond Butter and a preparation method thereof. Almond butter consists of 90-95 percent of Almonds,3-6 percent of Sugar, 2 percent or less of hydrogenated vegetable oil, 1 percent or less of Iodized Salt. In the invention, the product processed by a rational formula is simple in production process, low in production cost, suitable for the old and the young, put in a favorable form in reducing risks of heart diseases and regulating blood sugar. Almond butter boosts memory power and provides energy to the human body. It also holds a promising market value.

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

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: NOVEL COMPOUNDS FOR INHIBITION OF AKT KINASE.

(51) International classification	:C07D207/00,C07D471/00,C07D493/00	(71)Name of Applicant: 1)SPHAERA PHARMA RESEARCH AND
(31) Priority Document No	:NA	<b>DEVELOPMENT PVT. LTD.</b> Address of Applicant :PLOT NO. 32, SECTOR 5, IMT
(32) Priority Date	:NA	MANESAR-122051, HARYANA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor: 1)DINESH MAHAJAN
(86) International Application No	:NA :NA	2)SUNDEEP DUGAR 3)FRANK PETER HOLLINGER
Filing Date (87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	O:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention provides novel AKT inhibitor compounds of formula I wherein a=l or 2 X and Y is each independently selected from C, 0 or N. X and R2 may be directly attached or attached via a linking group L which may be selected from an Oxygen atom or a CO group Z is H or Alkyl R1 = H or F wherein n=0 to 2 R3= aryl optionally substituted by a halogen or an alkylene group; & is a group selected from hydrogen, amine, substituted amine or an amino alkyl group; R2 is wherein A, B, C, D and E are independently selected from H, -CH2, a heteroatom such as C, 0, N or S; n is 1 to 2; with the proviso that: A, B, C, D, E forms a 5 or 6 membered aromatic ring and at least one of A, B, C, D, E is Nitrogen; AB C D E is optionally substituted by one or more groups selected from amino, N-alkyl amino 0x0, alkoxy, hydroxyl or hydroxy alkyl group; G and F are independently selected from the group comprising hydrogen, amino, alkoxy, hydroxyl-alkyl or an acetamide group or G and F may be fused to form a 5 membered ring J; wherein the Ring J represents pyrrole ring or imidazole ring optionally substituted by one or more substituents independently selected from H, alkyl, hydroxyalkyl or halogen. wherein the valency of fused heterocyclic ring is satisfied by corresponding double bonds as and where applicable.

No. of Pages: 59 No. of Claims: 8

(22) Date of filing of Application :28/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A DUAL CAPPING LAYER UTILIZED IN A MAGNETORESISTIVE EFFECT SENOSR

(51) International classification	:G11B5/39	(71)Name of Applicant:
(31) Priority Document No	:14/166699	1)HGST NETHERLANDS B.V.
(32) Priority Date	:28/01/2014	Address of Applicant :HERIKERBERGWEG 238, LUNA
(33) Name of priority country	:U.S.A.	ARENA, AMSTERDAM, NETHERLANS, 1101 CM
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NORIHIRO OKAWA
(87) International Publication No	: NA	2)KOUJIRO KOMAGAKI
(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 generally relates to a read head sensor in a magnetic recording head. The read head sensor comprises a dual capping layer in a sensor stack that may reduce magnetic coupling so as to enhance magnetic bias field, e.g., domain control, in the read head sensor. Furthermore, an upper shield with multiple film stack having different film properties may also be utilized to enhance bias field generated to the read head sensor. Additionally, a coil structure may be positioned adjacent to a side shield to enhance bias field generation in the read head sensor.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

(54) Title of the invention: ROCKER ARM

(51) International classification	:F01L	(71)Name of Applicant:
(31) Priority Document No	:102011076728.2	
(32) Priority Date	:30/05/2011	Address of Applicant :INDUSTRIESTR. 1-3, 91074
(33) Name of priority country	:Germany	HERZOGENAURACH, GERMANY
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CLAUDIA ZIELINSKI
(87) International Publication No	:NA	2)JORG BAUER
(61) Patent of Addition to Application Number	:NA	3)JURGEN STOLZLE
Filing Date	:NA	4)RICHARD BAIER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention proposes a modular-type, composite crossbar-less rocker arm (1) of a valve train of an internal combustion engine, comprising two separate, substantially upright side walls (2, 3) made out of thin-walled sheet steel and comprising, on a centre-proximate section (4), bores (5) through which said side walls (2, 3) are retained laterally spaced from each other on a separate tube member (6) which serves to mount the rocker arm (1) on a rocker arm axle, said side walls (2, 3) being bridged on one end (7) by an axle (8) comprising a cam contacting roller (9) and, in direction towards a further end (10), following the tube member (6), said side walls (2, 3) extend towards each other from one or from both sides and end in semi shell-like outward bends (11, 12), the front ends (13, 14) of which outward bends adjoin each other, wherein a closing cup (17, 18) that additionally fixes the side walls (2, 3) extends over covering sides (15, 16) of the outward bends (11, 12), and these outward bends (11, 12) receive a clearance adjusting screw (19).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2964/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

(54) Title of the invention: METHOD

(51) International classification	:A01H 4/00	(71)Name of Applicant:
(31) Priority Document No	:61/241,613	1)IMPERIAL INNOVATIONS LIMITED
(32) Priority Date	:11/09/2009	Address of Applicant :52 PRINCES GATE, SOUTH
(33) Name of priority country	:U.S.A.	KENSINGTON, LONDON SW7 2PG, UNITED KINGDOM
(86) International Application No	:PCT/GB2010/001537	(72)Name of Inventor:
Filing Date	:12/08/2010	1)MICHOUX, FRANCK
(87) International Publication No	:WO 2011/030083	2)NIXON, PETER
(61) Patent of Addition to Application	:NA	3)MCCARTHY, JAMES GERARD
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method for producing leafy biomass from undifferentiated plant cells, the method comprising providing undifferentiated plant cells, contacting them with an agent that promotes differentiation of the cells into leafy tissue and growing the cells in a temporary liquid immersion culture system. This method of the invention may be used to produce polypeptides, and natural medicinal products, and can be used to capture carbon dioxide. A method of producing a polypeptide in plant cells in vitro comprising: providing undifferentiated plant cells containing chloroplasts that carry a transgenic nucleic acid molecule encoding the polypeptide, wherein the plant cells display homoplastomy; and propagating the cells according to the above method to produce leafy biomass containing the polypeptide.

No. of Pages: 53 No. of Claims: 40

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : SYSTEMS AND METHODS FOR CIRCULATING OUT A WELL BORE INFLUX IN A DUAL GRADIENT ENVIRONMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:E21B 21/00 :61/241,320 :10/09/2009 :U.S.A. :PCT/US2010/048239 :09/09/2010 :WO 2011/031836 :NA :NA	(71)Name of Applicant:  1)BP CORPORATION NORTH AMERICA INC. Address of Applicant:4101 WINFIELD ROAD, WARRENVILLE, IL 6055, UNITED STATES OF AMERICA (72)Name of Inventor: 1)MIX, KURT 2)MYERS, ROBERT
* *		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Methods and systems for drilling subsea wells bores with dual-gradient mud systems include drilling the subsea well bore while employing a subsea pumping system, a subsea choke manifold and one or more mud return risers to implement the dual gradient mud system. When a well bore influx is detected, the well bore is shut in, and components determine if pressure control may be used to circulate the influx out of the well bore, the size of the influx, and how much the mud system weight will need to be reduced to match the dual gradient hydrostatic head before the influx reaches the subsea pump take point. The subsea pumping system, subsea choke manifold, and mud risers are isolated while the influx is circulated up one or more fluid passages in the drilling riser package using the surface pump, through the wellhead, and out the surface choke manifold.

No. of Pages: 47 No. of Claims: 23

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SEMICONDUCTOR CHIP WITH STAIR ARRANGEMENT BUMP STRUCTURES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:H01L 21/60 :12/557,336 :10/09/2009 :U.S.A. :PCT/CA2010/001403 :09/09/2010 :WO 2011/029185 :NA	(71)Name of Applicant:  1)ATI TECHNOLOGIES ULC Address of Applicant: ONE COMMERCE VALLEY DRIVE EAST, MARKHAM, ONTARIO L3T 7X6 CANADA (72)Name of Inventor: 1)TOPACIO, RODEN, R. 2)LOW, YIP SENG
* /		Z)EOW, THE SERVE
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Various semiconductor chip input/output structures and methods of making the same are disclosed. In one aspect, a method of manufacturing is provided that includes forming a first conductor structure on a first side of a semiconductor chip and forming a second conductor structure in electrical contact with the first conductor structure. The second conductor structure is adapted to be coupled to a solder structure and includes a stair arrangement that has at least two treads.

No. of Pages: 23 No. of Claims: 20

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: BALLOON CATHETER WITH DRUG DELIVERY PROBE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61B :61/473,519 :08/04/2011 :U.S.A. :NA :NA :NA :NA :NA	
---	---	--

## (57) Abstract:

A balloon catheter with delivery probe and method of use for delivering a therapeutic agent and/or diagnostic agent to tissue is provided. The catheter has a balloon, a first lumen and a probe movably disposed in the first lumen of said catheter. The probe has a lumen for delivering a diagnostic and/or therapeutic agent to tissue. The catheter has a third lumen through which fluid is supplied to the balloon. The catheter with delivery probe may be inserted into a bodily cavity such that the distal end of the probe extends out of an opening in the catheter. When the balloon is inflated the probe is captured between an outer wall of the balloon and the tissue so that therapeutic and/or diagnostic agent may be delivered to the tissue through the probe lumen via the distal end of the probe.

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

(21) Application No.2036/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR CALCINING GYPSUM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:C04B 11/028 :12/537617 :07/08/2009 :U.S.A. :PCT/US2010/039564 :23/06/2010 :WO 2011/016912 :NA :NA	(71)Name of Applicant:  1)ALSTOM TECHNOLOGY LTD  Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND (72)Name of Inventor:  1)CHEN MICHAEL M
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A system (100) for calcining natural gypsum, synthetic gypsum (112) or a combination thereof, the system including: a mill (114) for grinding and drying natural gypsum, synthetic gypsum (112) or a combination thereof, to produce dried gypsum (116); a flash calciner (118) for calcining the dried gypsum to produce an exhaust gas (130) and calcined gypsum (128); and a mechanism (134) for transporting at least a portion of the exhaust gas (130) produced by the flash calciner (118) to an air heater (126) that supplies hot gas (126a) to the flash calciner (118).

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SEMI-MOIST COMPRESSED VEGETABLE BASED BAR AND PROCESS FOR PREPARATION THEREOF

(51) 1	A 22X 1 /00	
(51) International classification	:A23L1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Director General, Defence Research and Development
(32) Priority Date	:NA	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	110011 India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SAXENA, Tanushree Maity
Filing Date	:NA	2)RAJU, Pakalapati Srinivas
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a semi-moist compressed vegetable based bar and process for preparation thereof. The vegetable based bar includes grated vegetable shreds, popped Euryale ferox seeds, skim milk powder, sweetener, glycerol, and preservatives. The vegetable based bar enriched with Euryale ferox seeds is a ready-to-eat product having appearance, texture, and taste similar to that provided by high quality cooked vegetables. The vegetable based bar is chemically and microbiologically stable having shelf-life of 4 months at ambient temperature, nutritionally balanced and could be used as a snack or as a meal substitute during travel, camping, etc.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND APPARATUS FOR DISABLING A DEVICE

(31) Priority Document No       :61/240,876       1         (32) Priority Date       :09/09/2009       1         (33) Name of priority country       :U.S.A.       CA         (86) International Application No       :PCT/US2010/048096       2         Filing Date       :08/09/2010       (72         (87) International Publication No       :WO 2011/031734       1         (61) Patent of Addition to Application       .NA       2	71)Name of Applicant:  1)ADVANCED MICRO DEVICES, INC. Address of Applicant: ONE AMD PLACE, SUNNYVALE, CA 94088, UNITED STATES OF AMERICA 2)ATI TECHNOLOGIES ULC 72)Name of Inventor: 1)KHODORKOVSKY, OLEKSANDR 2)IBRAHIM, ALI 3)MUMMAH, PHIL
---	--

### (57) Abstract:

A method of operating a device is provided. The method includes transitioning the GPU to a substantially disabled state in response to a first received signal, and generating, while the GPU is in the substantially disabled state, a response signal in response to a second received signal. The response signal is substantially similar to a second response signal that would be generated by the GPU in a powered state in response to the second received signal.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD AND CONTROL APPLIANCE FOR OPERATING A VALVE

		(71)Name of Applicant:
		1)ROBERT BOSCH GMBH
<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F02D 41/20 :102009054589.1 :14/12/2009 :Germany :PCT/EP2010/068715 :02/12/2010 :WO 2011/082902 :NA :NA :NA	Address of Applicant :POSTFACH 30 02 20, 7042 STUTTGART, GERMANY (72)Name of Inventor : 1)JOOS, KLAUS 2)SCHLUETER BUREN

## (57) Abstract:

The present subject matter relates to a method for operating a valve (18a), particularly a fuel injection valve of an internal combustion engine (10) of a motor vehicle. An auxiliary variable (m) is obtained according to at least one electrical operating variable (u) of an electromagnetic actuator (26, 30) driving a component of the valve (18a), particularly a valve needle (28), and is examined for the appearance of a pre-determined characteristic. Further, the method includes determining a reference variable (mref) characterizing an operational mode of the electromagnetic actuator (26, 30), modifying the auxiliary variable (m) according to the reference variable (mref) in order to obtain a modified auxiliary variable (mmod), and examining the modified auxiliary variable (mmod) for the appearance of the predetermined characteristic.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# $(54) \ Title \ of \ the \ invention: FILE-BASED \ APPLICATION \ PROGRAMMING \ INTERFACE \ PROVIDING \ SSH-SECURED \ COMMUNICATION$

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:61/475,356 :14/04/2011	1)UNISYS CORPORATION Address of Applicant :TOWNSHIP LINE AND UNION
(33) Name of priority country	:U.S.A.	MEETING ROADS, BLUE BELL, PENNSYLVANIA 19424,
(86) International Application No	:NA	UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)MICHAEL T KAIN
(61) Patent of Addition to Application Number	:NA	2)RALPH ARMSTRONG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A data communication security system is disclosed that includes a network interface configured for transport layer protocol communications at a communication port. The network interface includes a security module configured to provide secure shell (SSH) data security on a transport layer data path, and which is communicatively connected to the transport layer data path. The data communication security system also includes a file-based application programming interface defining a plurality of attributes of the network interface and including at least one attribute configured for selection of the security module and accessible for use in logical I/O operations.

No. of Pages: 47 No. of Claims: 20

(21) Application No.2203/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AN ASSAY DEVICE WITH IMPROVED VISION OUTPUT

(51) International classification	:G01N33/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GUPTA, RAHUL
(32) Priority Date	:NA	Address of Applicant :HOUSE NO. 83, POCKET H-19,
(33) Name of priority country	:NA	SECTOR-7 ROHINI, DELHI-110085 India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GUPTA, RAHUL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to an assay device with improved result visibility. More particularly, the invention relates to a low cost, visible coloured indicator based assay device with improved result visibility. The said assay device provides for detecting the presence of one or more analytes in a given sample.

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

(22) Date of filing of Application :27/08/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN ELECTRONIC PAYMENT SYSTEM AND METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q :201410036805.1 :24/01/2014 :China :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)GOLDEN VAST MACAO COMMERICAL OFFSHORE LIMITED  Address of Applicant: AVENIDA DA PRAIA GRAND NO.401-415, EDIF. CHINA LAW, 15 ANDAR, B, MACAU. China (72)Name of Inventor:  1)WONG KNOKFONG
---	--	---

#### (57) Abstract:

The invention discloses a payment system and method based on biometric authentication. The payment system comprises a biometric authentication device, a mobile terminal and an authorization payment subsystem. The biometric authentication device is used for extraction biometric information of a user and storing the biometric information and the authorization payment information of the receiving party, and the authorization payment information is transmitted to the mobile terminal after the biometric information is authenticated by the biometric authentication device. The mobile terminal is provided with a short-distance communication module, and the biometric information and the authorization payment information is transmitted between the mobile terminal and the authorization payment subsystem so that short-distance payment is achieved. The authorization payment subsystem is used for matching the payment information contained in the payment request with the user information stored in the authorization payment subsystem when receiving a payment request from the mobile terminal. The safety of payment can be guaranteed for a user due to the dual confirmation in the invention.

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

(22) Date of filing of Application :19/12/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention : RECOMBINANT FUSION GENE ENCODING A CHIMERIC FUSION PROTEIN AND PROCESS OF PREPARATION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	·N A	(71)Name of Applicant:  1)Director General Defence Research & Development Organisation  Address of Applicant: Director General Defence Research & Development Organisation Ministry of Defence Government of India DRDO Bhavan Rajaji Marg DHQ P.O. New Delhi:- 110011 India. (72)Name of Inventor:  1)Ramlal Shylaja 2)Thakasi Devi Kalyan Kumar 3)Konduru Balakrishna 4)Harishchandra Sripathy Murali 5)Harsh Vardhan Batra 6)Amarinder Singh Bawa
---	------	--

# (57) Abstract:

The present invention relates to a recombinant fusion gene encoding a chimeric fusion protein comprising conserved portions of Enterotoxin B (SEB) of Staphylococcus aureus, and Toxic shock syndrome toxin (Tsst-1) of Staphylococcus au reus and a process of preparation thereof.

No. of Pages: 18 No. of Claims: 13

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: INTERCONNECTION OF MICROFLUIDIC DEVICES

(51) International classification	:B01J 19/00	(71)Name of Applicant:
(31) Priority Document No	:0957079	1)CORNING INCORPORATED
(32) Priority Date	:09/10/2009	Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
(33) Name of priority country	:EUROPEAN	NEW YORK 14831, UNITED STATES OF AMERICA.
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/051806	1)PIERRE BRUNELLO
Filing Date	:07/10/2010	2)WILLARD A. CUTLER
(87) International Publication No	:WO 2011/044350	3)PAUL DELAUTRE
(61) Patent of Addition to Application	:NA	4)SYLVAIN MAXIME F GREMETZ
Number	:NA	5)IONEL LAZER
Filing Date	.11/1	6)OLIVIER LOBET
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A microfluidic device (10) includes at least two glass, ceramic or glass ceramic microfluidic modules (20) fluidically interconnected and of substantially plate shape defining generally four relatively thin edges (20a, 20b, 20c, 20d) and two opposite relatively large faces (22,24), each microfluidic module (20) including at least one microfluidic channel (30) defining at least in part a microchamber (32); at least one fluidic inlet (50) and at least one fluidic outlet (60); and said microfluidic modules being tightly interconnected with a fluid duct (120) through at least one tightly holding connector (90) comprising at least one clamping structure or means (95, 97), and is characterized in that the at least one clamping means (95, 97) comprises a joint (150) comprising a spherical shaped member (160) and a cup shaped member (170).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.151/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AIR CONDITIONER

(51) International classification	:f16l	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)Hitachi Appliances, Inc.
(31) I Hority Document No	014858	Address of Applicant :16-1, Kaigan 1-chome, Minato-ku,
(32) Priority Date	:29/01/2014	Tokyo 105-0022, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOKOZEKI Atsuhiko
Filing Date	:NA	2)TADA Shuuhei
(87) International Publication No	: NA	3)TSUBOE Hiroaki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Heat transfer pipes 26bl and 26b2 extend from the other end section 21B to one end section 21A in an intermediate row L2 and combine in the one end section 21A to be heat transfer pipes 26cl and 26c2. The heat transfer pipes 26cl and 26c2 are configured to extend back and force once between the one end section 21A and the other end section 21B in a upstream row L1. Heat transfer pipes 26b3 and 26b4 extend from the other end section 21B to the one end section 21A in the intermediate row L2 and combine in the one end section 21A to be heat transfer pipes 26c3 and 26c4. The heat transfer pipes 26c3 and 26c4 are configured to extend back and force once between the one end section 21A and the other end section 21B in the upstream row L1. The heat transfer pipe 26c2 extending from the other end section 21B to the one end section 21A and the heat transfer pipe 26c4 from the other end section 21B to the one end section 21A are arranged to be adjacent to each other.

No. of Pages: 60 No. of Claims: 9

(22) Date of filing of Application :01/10/2014

(43) Publication Date: 31/07/2015

# (54) Title of the invention: TRIP DEVICE OF 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 (81) Patent of Addition to Application Number Filing Date  (62) Divisional to Application Number Filing Date  (83) International Publication No Filing Date  (84) International Publication No Filing Date  (85) International Publication No Filing Date  (86) International Publication No Filing Date  (87) International Publication Number Filing Date  (88) International Publication No Filing Date  (89) International Publication No Filing Date  (80) International Application Number Filing Date  (81) International Classification No Filing Date  (82) International Classification No Filing Date  (83) International Application No Filing Date  (84) International Classification No Filing Date  (85) International Publication No Filing Date  (86) International Publication No Filing Date  (87) International Classification No Filing Date  (87) International Classification No Filing Date  (88) International Application No Filing Date  (89) International Publication No Filing Date  (80) International Publication No Filing Date  (81) International Publication No Filing Date  (82) International Publication No Filing Date  (83) International Publication No Filing Date  (84) International Publication No Filing Date  (85) International Publication No Filing Date	Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea (72)Name of Inventor:
---	--

#### (57) Abstract:

Disclosed is a trip device of a molded case circuit breaker. The trip device includes a shooter configured to include a body and a rotating shaft which passes through the body, a double torsion spring coupled to both sides of the rotating shaft and configured to provide an elastic restoring force to enable the shooter to rotate, and a crossbar configured to include a hanger that contacts the hanging plate and limits a movement of the shooter. A hanging plate is provided at a lower portion of the body, and a hitting plate is provided at an upper portion of the body.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ANTI INFLAMMATORY 2-OXOTHIAZOLES AND 2-OXOOXAZOLES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61K 31/421 :61/248,338	(71)Name of Applicant: 1)AVEXXIN AS
(32) Priority Date	:02/10/2009	Address of Applicant :NORDAHL BRUNS VEI 2A, N-7052,
(33) Name of priority country	:U.S.A.	TRONDHEIM, NORWAY
(86) International Application No	:PCT/EP2010/064687	(72)Name of Inventor:
Filing Date	:01/10/2010	1)KOKOTOS, GEORGE
(87) International Publication No	:WO 2011/039365	2)JOHANSEN, BERIT
(61) Patent of Addition to Application	:NA	3)MAGRIOTI, VICTORIA
Number	:NA	4)TSAKOS, MICHAEL
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A compound of formula (I) wherein X is O or S; R1 is H, OH, SH, nitro, NH2, NHC1-6alkyl, N(C1-6alkyl)2, halo, haloC1-6alkyl, CN, C1-6-alkyl, OC1-6alkyl, C1- 6alkylCOOH C1-6alkylCOOC1-6alkyl, C2-6-alkenyl, C3-10cycloalkyl, C6-10aryl, C1- 6alkylC6-10aryl, heteroaryl, CONH2, CONHC1-6alkyl, CON(C1-6alkyl)2, OCOC1-6alkyl, or is an acidic group, such as a group comprising a carboxyl, phosphate phosphinate, sulfate, sulfonate, or tetrazolyl group, R2 is as defined for R1 or R1 and R2 taken together can form a 6-membered aromatic ring optionally instituted by up to 4 groups R5; R3 is H, halo (preferably fluoro), or CHal3 (preferably CF3), each R5 is defined as for R1; V1 is a covalent bond or a C1-20alkyl croup, or C2-20-mono or multiply unsaturated alkenyl group; said alkyl or alkenyl groups being optionally interupted by one or more heteroatoms selected from O; NH, N(C1-6alkyl), S, SO, or SO2; M1 is absent or is a C5-10 cyclic group or a C5-15 aromatic group, and R4 is H, halo, OH, CN, nitro, NH2, NHC1-6alkyl, N(C1-6alkyl)2, haloC1-6alkyl, a C1-20alkyl group, or C2-20-mono or multiply unsaturated alkenyl group, said C1-20alkyl or C2-20alkenyl groups being optionally interupted by one or more heteroatoms selected from O, NH, N(C1-6 alkyl), S, SO, or SO2, with the proviso that the group V1M1R4 as a whole provides at least 4 backbone atoms from the C(R3) group; or a salt, ester, solvate, N-oxide, or prodrug thereof, for use in the treatment of a chronic inflammatory condition.

No. of Pages: 92 No. of Claims: 24

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PRODUCTION METHOD OF FILTER MEDIUM FOR REMOVING FLUORIDE FROM DRINKING WATER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:C04B 38/06 :201010264616.1 :27/08/2010 :China :PCT/CN2011/070804 :30/01/2011 :WO 2012/024912 :NA	(71)Name of Applicant:  1)JIANGSU YONGGUAN WATER AND WASTEWATER EQUIPMENT CO., LTD  Address of Applicant: NO. 6 YONGGUAN ROAD, TONGSHAN ECONOMIC DEVELOPMENT ZONE, XUZHOU, JIANGSU 221116, CHINA  2)CHINA UNIVERSITY OF MINING AND TECHNOLOGY
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:WO 2012/024912	2)CHINA UNIVERSITY OF MINING AND
(62) Divisional to Application Number Filing Date	:NA :NA	2)FENG, LI

#### (57) Abstract:

Disclosed is a production method of filter medium for removing fluorides from drinking water, which uses cheap technical-grade calcium hydroxide and phosphoric acid as raw materials to synthesize hydroxy apatite under a normal pressure and a temperature below 100; employs dehydrating, washing, drying and grinding on the hydroxyapatite to obtain hydroxyapatite powder; adopts processes of pore-forming and pellet-forming, i.e. introduces pore-forming agent, pellet-forming agent, and adhesive into the hydroxyapatite powder to produce pellets haying a diameter of 0.5-2mm. which are then subjected to heating and drying in an oven to finalize the shape and thus to obtain porous spherical hydroxyapatite filter medium for removing fluorides. The filter medium so made has advantages of high capacity, easy regeneration, long service life, low resistance to running water. The method has advantages of adopting low-cost and accessible raw materials, simple processes and parameters and easy control, which ensure its adaptability to large-scale industrial production and application.

No. of Pages: 12 No. of Claims: 6

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: GAMMA RADIATION RESISTANT HIGH PERFORMANCE POLYMERIC COMPOSITE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(20) International Application No.</li> </ul>	:NA :NA :NA	(71)Name of Applicant:  1)DIRECTOR GENERAL, DEFENCE RESEARCH &  DEVELOPMENT ORGANIZATION  Address of Applicant: MINISTRY OF DEFENCE, GOVT. OF
(86) International Application No Filing Date	:NA :NA	INDIA, ROOM NO 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110001 India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MANDAL, Subhash
Filing Date	:NA	2)ALAM, Sarfaraz
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present disclosure is to provide a polymeric composite comprising a PEEK and at least one filler characterized in that the composite provides gamma radiation resistance as HVL of at least 0.3 cm or TVL of at least 1.2 cm and a process for preparing the same. The composite is obtained by extruding the homogeneous product in a twin screw extruder and by injection molding. The plastic and metal oxide composites are thus converted to required products or articles by conventional method for providing gamma radiation attenuation where ordinary blocks and rods cannot be used e.g., in empty spaces between walls, trenches, ducts etc.

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

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD OF BIOLOGICAL CONTROL OF WOOD-ROTTING FUNGI AND FORMULATIONS THEREOF

(51) International design	DOTK	(71)Nama of Ann Parada
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)GURU GOBIND SINGH INDRAPRASTHA
(32) Priority Date	:NA	UNIVERSITY
(33) Name of priority country	:NA	Address of Applicant :SECTOR 16C, DWARKA, NEW
(86) International Application No	:NA	DELHI - 110078 India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANAND NAGPURE
(61) Patent of Addition to Application Number	:NA	2)BHARTI CHOUDHARY
Filing Date	:NA	3)RAJINDER K. GUPTA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to an eco-friendly wood protection method using fungal antagonist actinomycetes, Streptomyces violaceusniger MTCC 3959 and its extracellular metabolite(s). S, violaceusniger MTCC 3959 was tested for antagonism against both white-rot and brown-rot basidiomycetes by cross plug assay. Soil-wood-block assays revealed that the talcum powder formulation treated, antagonist cell pellet and n-butanol extract treated wood-blocks showed promising biocontml activity against tested wood-rotting fungi, Pycnoporus sangueineus FRI 1134. The effect of S. violaceusniger MTCC 3959 and its metabolite(s) on wood colonization and degradation of wood decay fungi were quantitatively measured by determining the dry weight loss of wood. Our results demonstrated that S. violaceusniger MTCC 3959 and its extracellular antifimgal rnetabolite(s) can be used as an alternative to synthetic chemicals and biological wood preservatives.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ANTIMICROBIAL AGENTS BASED ON HEMIN DERIVATIVES

(51) International classification	:C07K 14/805	(71)Name of Applicant:
(31) Priority Document No	:2009133914	1)OBSCHESTVO S OGRANICHENNOI
(32) Priority Date	:10/09/2009	OTVETSTVENNOSTIYU PHARMENTERPRISES
(33) Name of priority country	:Russia	Address of Applicant :PR-T VERNADSKOGO, D: 86,
(86) International Application No	:PCT/RU2010/000488	BLDG. 5, MOSCOW, 117571, RUSSIAN FEDERATION
Filing Date	:08/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/031187	1)NEBOLSIN, VLADIMIR EVGENIEVICH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)ZHELTUKHINA, GALINA, ALEXANDROVNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The invention relates to novel antimicrobial, including antibacterial and antifungal, agents and compositions based on hemin derivatives of general formula (I), and also to the production of novel hemin derivatives. The advantages of antibacterial agents based on hemin derivatives are their biocompatibility, biodegradability, high effectiveness against resistant bacteria and widespread microfungi that are harmful to humans, and freedom from toxicity and side effects.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : HEPARIN COFACTOR II FRAGMENTS WITH ANTI-INFLAMMATORY AND ANTI-COAGULANT ACTIVITY

(51) International classification	:A61K 38/10	(71)Name of Applicant :
(31) Priority Document No	:0916578.8	1)XIMMUNE AB
(32) Priority Date	:22/09/2009	Address of Applicant :C/O LUND UNIVERSITY
(33) Name of priority country	:U.K.	BIOSCIENCE AB, SCHEELEVAGEN 15, S-223 70 LUND,
(86) International Application No	:PCT/GB2010/001780	SWEDEN
Filing Date	:21/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/036444	1)KALLE, MARTINA
(61) Patent of Addition to Application	:NA	2)KASETTY, GOPINATH
Number	:NA	3)MALMSTEN, NILS MARTIN
Filing Date	.11/1	4)PAPAREDDY, PRAVEEN
(62) Divisional to Application Number	:NA	5)SCHMIDTCHEN, ARTUR
Filing Date	:NA	6)WALSE, BJORN ULRIK

#### (57) Abstract:

The present invention provides polypeptides comprising or consisting of an amino acid sequence derived from a naturally occurring protein which modulates blood coagulation, or a fragment, variant, fusion or derivative thereof, or a fusion of said fragment, variant or derivative thereof, for use in the treatment or prevention of inflammation and/or excessive coagulation of the blood. Related aspects of the invention provide isolated polypeptides comprising or consisting of an amino acid sequence of SEQ ID NOS: 1 to 3, or a fragment, variant, fusion or derivative thereof, or a fusion of said fragment, variant or derivative thereof, which exhibit an anti-inflammatory activity, together with isolated nucleic acid molecules, vectors and host cells for making the same. Additionally provided are pharmaceutical compositions comprising a polypeptide of the invention, as well as methods of use of the same in the treatment and/or prevention of inflammation and/or excessive coagulation.

No. of Pages: 141 No. of Claims: 94

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: BALLOON CATHETER FOR LAUNCHING DRUG DELIVERY DEVICE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :	:61/473,507 :08/04/2011	
--	----------------------------	--

#### (57) Abstract:

A method and apparatus for delivering a therapeutic and/or diagnostic agent to tissue within a bodily cavity is provided herein. The apparatus may include a catheter assembly including a catheter and a delivery balloon having an expandable material disposed thereon, wherein the expandable material may be an absorbent at least partially charged with a therapeutic and/or diagnostic agent. The method may include the step of delivering a therapeutic and/or diagnostic agent to tissue by inflating the delivery balloon by supplying fluid thereto until the expandable material adopts an expanded state in which the expandable material contacts the tissue and is implanted in a bodily cavity.

No. of Pages: 66 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.200/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :22/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HOME AUTOMATION SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:g08b :14/166,077 :28/01/2014 :U.S.A.	'
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)ALBERT LEE
(87) International Publication No	: NA	2)DAN TYROLER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)HONG-JYH CHEN 4)HOWARD YUK
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A system including at least one security system sensor, at least one home automation device and a security system processor that monitors the security system sensor and generates an alarm upon activation of the at least one security system sensor, the security system processor also monitors the at least one home automation device and generates an alarm upon detecting the manual activation of the at least one home automation device.

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

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

## (54) Title of the invention: SURGICAL GENERATOR FOR ULTRASONIC AND ELECTROSURGICAL DEVICES

		(71)Name of Applicant :
		1)ETHICON ENDO-SURGERY, INC.
		Address of Applicant: 4545 CREEK ROAD, CINCINNATI,
		OH 45242, U.S.A.
		(72)Name of Inventor:
		1)EITAN T. WEINER
(51) International classification	:A61B 18/12	2)JEFFREY L. ALDRIDGE
(31) Priority Document No	:61/250,217	3)JAMES R. GIORDANO
(32) Priority Date	:09/10/2009	4)FOSTER B. STULEN
(33) Name of priority country	:U.S.A.	5)JOSEPH A. BROTZ
(86) International Application No	:PCT/US2010/051787	6)JOHN E. HEIN
Filing Date	:07/10/2010	7)JEFFREY D. MESSERLY
(87) International Publication No	:WO 2011/044338	8)DANIEL J. ABBOTT
(61) Patent of Addition to Application	:NA	9)MATTHEW C. MILLER
Number		10)AARON C. VOEGELE
Filing Date	:NA	11)JEFFREY P. WILEY
(62) Divisional to Application Number	:NA	12)DANIEL W. PRICE
Filing Date	:NA	13)ROBERT L. KOCH
-		14)MARK E. TEBBE
		15)WILLIAM E. CLEM
		16)SCOTT B. KILLINGER
		17)MARK A. DAVISON
		18)DAVID C. YATES
		19)GAVIN M. MONSON

## (57) Abstract:

A surgical generator that may produce a drive signal or signals of particular voltages, currents, and frequencies, e.g. 55,500 cycles per second (Hz). The drive signal or signals may be provided to an ultrasonic surgical device, and specifically to a transducer. In one embodiment, the generator may be configured to produce a drive signal of a particular voltage, current, and/or frequency output signal that can be stepped with high resolution, accuracy, and repeatability. Additionally, the surgical generator may generate a drive signal or signals with output power sufficient to perform bipolar electrosurgery using radio frequency (RF) energy. The drive signal may be provided, for example, to electrodes of the electrosurgical device. Accordingly, the generator may be configured for therapeutic purposes by applying electrical signals to an ultrasonic transducer or electrical energy to the tissue sufficient for treating the tissue (e.g., cutting, coagulation, cauterization, tissue welding, etc.).

No. of Pages: 180 No. of Claims: 187

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SURGICAL INSTRUMENT

(51) International classification	:A61B 17/29	(71)Name of Applicant:
(31) Priority Document No	:12/576,808	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, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2010/051794	(72)Name of Inventor:
Filing Date	:07/10/2010	1)GREGORY A. TREES
(87) International Publication No	:WO 2011/044343	2)CHAD P. BOUDREAUX
(61) Patent of Addition to Application	:NA	3)MICHAEL J. ANDREYKO
Number	:NA	4)KEVIN FELDER
Filing Date	.IVA	5)JONATHAN T. BATROSS
(62) Divisional to Application Number	:NA	6)JAMES R. GIORDANO
Filing Date	:NA	7)TERRY A. MCFARLAND

#### (57) Abstract:

A surgical instrument can comprise a first drive system for advancing a knife bar between a first position and a second position in order to close a jaw, or clamping, member of an end effector. The first drive system can comprise a toggle clamp which can generate and transmit an asymptotical clamping load to the jaw member. The surgical instrument can further comprise a second drive system for advancing the knife bar between the second position and a third position. The surgical instrument can comprise a lock movable between a locked position and an unlocked position, wherein the lock can be engaged with a drive shaft in order to prevent the drive shaft from being advanced when the lock is in its locked position. The surgical instrument can further comprise an electrical input and, in addition, a switch movable between an unactuated position and an actuated position. The surgical instrument can further supplying energy to tissue and can comprise an end effector comprising a first jaw member and a second jaw member, wherein, a tissue-grasping portion can comprise a plurality of teeth, wherein the tissue-grasping portion is comprised of an electrically non-conductive material. The surgical instrument for supplying energy to tissue can comprise a jaw member comprising an electrode, and an insulator positioned adjacent to the electrode, wherein the insulator comprises a top surface movable between a first position and a second position relative to the top surface of the electrode, and wherein the top surface of the insulator is closer to the top surface of the electrode when the insulator is in the first position than when the insulator is in the second position. The surgical instrument can comprise at least one steam path within the electrode, wherein the at least one steam path is configured to vent steam generated when the tissue is heated by the electrode.

No. of Pages: 127 No. of Claims: 82

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND DEVICE FOR DETECTING IN UNDERGROUND CABLES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:G01N :13/098,186 :29/04/2011 :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. (72)Name of Inventor: 1)GANESH, MEENA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A system (10) and device (46) for detecting insulation defects in a cable (20) are provided. The system (10) and device (46) include using signals received from sensors (36, 38) to detect a partial discharge caused by insulation defects in a cable (20). The system is passive, without signals being injected into system cables (20), and may use one or more sensors (36, 38), data acquisition systems (44, 46), gateway devices (52), and monitoring stations (54) and is based on detecting partial discharge from insulation defects and reporting the detection when it occurs.

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

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: POLYLACTIC ACID AND PROCESS FOR PREPARATION THEREOF.

(51) International classification	:C08G63/00,C08F2/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THAPAR UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :PATIALA-147004, PUNJAB, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MEHTA, RAJEEV
Filing Date	:NA	2)SINGLA, PANKIL
(87) International Publication No	: NA	3)BEREK, DUSAN
(61) Patent of Addition to Application Number	:NA	4)UPADHYAY, NATH SIDDH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present disclosure relates to a process for the preparation of polylactic acid (PLA) having high molecular weight and low polydispersity. The process includes subjecting at least one L-lactide monomer to ring opening polymerization by microwave irradiation in the presence of at least one initiator and at least one co-initiator under inert atmosphere. The temperature maintained ranges between  $100^{\circ}$ C and  $200^{\circ}$ C and the time period for polymerization ranges between 3 and 30 minutes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2997/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

(54) Title of the invention: ROLLER TAPPET

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F01L 1/14 :10 2009 056 306.7 :30/11/2009 :Germany :PCT/EP2010/065408 :14/10/2010 :WO 2011/064044 :NA :NA :NA	<ul> <li>(71)Name of Applicant:</li> <li>1)SCHAFFLER TECHNOLOGIES AG &amp; CO. KG Address of Applicant: INDUSTRIESTR. 1-3, 91074</li> <li>HERZOGENAURACH, GERMANY</li> <li>(72)Name of Inventor:</li> <li>1)STEFAN DORN</li> <li>2)NORBERT GEYER</li> <li>3)KARSTEN KUCHT</li> </ul>
--	--	--

#### (57) Abstract:

The invention concerns a roller tappet (1) for a high pressure fuel pump, said roller tappet (1) comprising a housing (2) comprising on a drive side front end (3), a slide-mounted roller (4) serving as a running surface of a cam, said housing (2), as viewed in housing direction, comprising a bridge member (5) arranged below the roller (4), said bridge member (5) comprising on a front end (7) turned towards a driven side front end (6) of the housing (2), a support (8) for a tappet follower member, wherein a shell member (11) like a semi shell or a one-third shell separated out of a rolling bearing ring is seated in a cylindrical cavity (9) of a further drive side front end (10) of the bridge member (5), and the roller (4) extends for sliding displacement directly in said shell member (11).

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: EDIBLE SURFACE-MODIFYING PARTICLES AND METHODS FOR THEIR MANUFACTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:09/09/2010 :WO 2011/031841 :NA :NA	(71)Name of Applicant: 1)DURAFIZZ, LLC Address of Applicant: 35 SPINELLI PLACE, CAMBRIDGE, MA 02138, U.S.A. (72)Name of Inventor: 1)DAVID SOANE 2)LAUREN FORTIN 3)GEORGE COURVILLE
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Disclosed is an edible surface-modifying particle precursor composition for preparing edible surface-modifying particles that includes one or more starches resulting in a total amylose content from the starches of about 0.1% to about 20% of the total weight of the composition. The composition also includes a ground cereal in amounts of about 10% to about 40% of the total weight of the composition; and water. Disclosed also are coated food substrates bearing such edible surface-modifying particles, and methods for making food products using the edible surface-modifying particles.

No. of Pages: 38 No. of Claims: 79

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2999/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date: 31/07/2015

## (54) Title of the invention: LINEAR ACTUATOR

(51) International classification	:F16H 25/20	(71)Name of Applicant:
(31) Priority Document No	:PA 2009 01215	1)LINAK A/S
(32) Priority Date	:13/11/2009	Address of Applicant :SMEDEVAENGET 8, GUDERUP,
(33) Name of priority country	:Denmark	DK-6430 NORDBORG, DENMARK
(86) International Application No	:PCT/DK2010/000148	(72)Name of Inventor:
Filing Date	:11/11/2010	1)WINTHER, HENRIK
(87) International Publication No	:WO 2011/057632	2)IVERSEN, TORBEN
(61) Patent of Addition to Application	:NA	3)TORRES, JUAN, MIGUEL, GALINDO
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

Linear actuator comprising a housing (1) consisting of at least two parts (1 a, 1 b) a mounting console (2) a reversible motor (7) with a transmission (22), a spindle (5) which over the transmission is driven by the motor, a bearing (16) for embedding the spindle (5), a spindle nut (6) secured against rotation on the spindle, an outer tube (3) which surrounds the spindle, an activation element (4) telescopically mounted in the outer tube (3) and connected to the spindle nut (6), a front mounting (8) on the outer end of the activation element (4), a rear mounting (9) arranged in the housing. In the rear mounting (9) is a seat for the bearing (31) of the spindle. The motor (7), the transmission (22) and the outer tube (3) is secured to the console (2). The mounting console (2) is constructed as a separate element around which the two parts (1a, 1 b) of the housing is assembled and the mounting console (2) constitutes alone the bearing chassis of the actuator. Thus a possibility for a compact actuator with low manufacturing costs together with high performance and quality properties is achieved.

No. of Pages: 23 No. of Claims: 12

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CONNECTED OPTICAL FIBER AND METHOD FOR ASSEMBLING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:25/06/2010 :WO 2011/036925 :NA :NA	(71)Name of Applicant:  1)SUMITOMO ELECTRIC INDUSTRIES, LTD. Address of Applicant:5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0041, JAPAN (72)Name of Inventor: 1)NISHIOKA DAIZO 2)YAMAUCHI TAKAYASU 3)IMAIZUMI TSUYOSHI 4)MINAMITSUBO HIROYA
Filing Date	:NA	

### (57) Abstract:

Provided is a connected optical fiber that is stable and has minimal connection loss even in a high-temperature or low-temperature environment, without involving an excessive amount of labor in the optical fiber connection process, and also provided is a method for assembling a connected optical fiber. The connected optical fiber includes a first optical fiber, a second optical fiber, and a mechanical splice, an end face of the first optical fiber and an end face of the second optical fiber being placed end to end and mechanically connected in the mechanical splice. In this connected optical fiber, at least one end face among the end face of the first optical fiber and the end face of the second optical fiber is formed having a convex curved surface shape in a direction angled with respect to a surface perpendicular to an axis of the optical fiber that has the end face.

No. of Pages: 29 No. of Claims: 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2993/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: T-CELL RECEPTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:C07K 14/05 :0917090.3 :29/09/2009 :U.K. :PCT/GB2010/001821 :28/09/2010 :WO 2011/039508 :NA	(72)Name of Inventor: 1)HANS STAUSS 2)SHAO-AN XUE

## (57) Abstract:

The present invention provides a T-cell receptor (TCR) which binds to a peptide from latent membrane protein 2 (LMP-2) from the Epstein Barr Virus (EBV) having the amino acid sequence CLGGLLTMV (SEQ ID No. 1) when presented by a major histocampatability complex (MHC) molecule. The present invention also provides a nucleotide sequence encoding such a TCR, a vector comprising such a nucleotide sequence and its use to produce a EBV-specific T-cell. The present invention also provides the use of EBV-specific T-cell for cellular immunotherapy.

No. of Pages: 45 No. of Claims: 23

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR SODIUM AZIDE BASED SUPPRESSION OF FIRES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:20/08/2010 :WO 2011/041879 :NA :NA	(71)Name of Applicant:  1)N2 TOWERS INC.  Address of Applicant:175 LAHR DRIVE, BELLEVILLE, ONTARIO K8N 5S2, CANADA (72)Name of Inventor:  1)ADAM T. RICHARDSON 2)GEORGE GOETZ
Filing Date	:NA	

### (57) Abstract:

A fire suppressing gas generator includes a cylindrical housing comprising an array of discharge ports distributed generally uniformly there around; a cylindrical filter disposed within the housing and spaced from the interior wall of the housing; a plurality of azide-based propellant grains inside the cylindrical filter; and at least one ignition device associated with the propellant grains. The propellant grains when ignited by the ignition device generate a fire suppressing gas which passes through the filler and out of the discharge ports of the cylindrical housing for delivery into a space.

No. of Pages: 57 No. of Claims: 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2995/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : THERMOPHILIC MANNANOHYDROLASE AND FRACTURING FLUIDS CONTAINING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07K 14/195 :12/579,771 :15/10/2009 :U.S.A. :PCT/US2010/002579 :21/09/2010 :WO 2011/046585 :NA :NA :NA	(71)Name of Applicant:  1)BAKER HUGHES INCORPORATED  Address of Applicant: 2929 ALLEN PARKWAY, SUITE 2100, HOUSTON, TEXAS 77019-2118, UNITED STATES OF AMERICA (72)Name of Inventor:  1)CHARLES DAVID ARMSTRONG
--	--	---

### (57) Abstract:

A thermophilic mannanohydrolase enzyme may be used as an enzyme breaker for fracturing fluids containing hy-dratable polymers of guar and underivatized guar. The enzyme is effective in downhole temperatures exceeding  $160^{\circ}$  F.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD FOR PRODUCING A 3-(SUBSTITUTED OXY)-4-PYRIDAZINOL DERIVATIVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D 237/16 :2009-226527 :30/09/2009 :Japan :PCT/JP2010/066917 :29/09/2010 :WO 2011/040445 :NA :NA :NA	(71)Name of Applicant:  1)MITSUI CHEMICALS AGRO, INC. Address of Applicant:5-2, HIGASHI-SHIMBASHI 1- CHOME, MINATO-KU, TOKYO 105-7117 JAPAN (72)Name of Inventor: 1)HIDEAKI IKISHIMA 2)NOBUHIRO KONDO 3)TAKESHI TAKADA 4)YOSHIHISA TSUKAMOTO 5)HIDETAKE YOSHITOMI 6)HARUKO MITA
---	--	---

### (57) Abstract:

Disclosed is a method for producing a 3-(substituted oxy)-4-pyridazinol derivative represented by the general formula (I), which comprises reacting a compound represented by the general formula (III) with a compound represented by the general formula (IV) in the presence or absence of a base and in the presence or absence of a solvent. According to the present invention, a 3-(substituted oxy)-4-pyridazinol derivative represented by the general formula (I) can be produced in high yield and with high selectivity.

No. of Pages: 65 No. of Claims: 18

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: INSPECTION DEVICE AND METHOD THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01N :201110096267.1 :18/04/2011 :China :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. (72)Name of Inventor: 1)LI, TAO 2)SONG, GUIJU 3)HARDING, KEVIN GEORGE 4)YANG, DONGMIN 5)ZHAI, ZIRONG 6)HAN, JIE 7)ABRAMOVICH, GIL
---	---	--

## (57) Abstract:

An optical system is provided for visually inspecting a target having a variable position with respect to the optical system. The optical system includes a polarizer, a light modulating element, and a lens group comprising at least one birefringent element. The polarizer converts an incident light reflected from the target into linearly polarized light. The light modulating element modulates a polarization state of the linearly polarized light in response to control signals. The birefringent element refracts the modulated linearly polarized light with a first polarization state under a first refraction index to enable inspection of the target at a first object position with respect to the optical system. The birefringent element further refracts the modulated linearly polarized light with a second polarization state under a second refraction index to enable inspection of the target at a second object position with respect to the optical system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.138/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :15/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: INTERNAL COMBUSTION ENGINE

(51) International classification	:f02b	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)HONDA MOTOR CO., LTD.
(31) Thomy Document No	012226	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:27/01/2014	ku, Tokyo 107-8556, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAYOKO TAKEICHI
Filing Date	:NA	2)MASAHIDE MIMURA
(87) International Publication No	: NA	3)SHUICHI OCHIAI
(61) Patent of Addition to Application Number	:NA	4)TOMOKAZU KOBAYASHI
Filing Date	:NA	5)RYOTA TAKAHASHI
(62) Divisional to Application Number	:NA	6)YASUHIKO NAKANO
Filing Date	:NA	7)DAISUKE SUGIO

## (57) Abstract:

A release device 43 is provided in an outlet pipe 39 in order for releasing blow-by gas outwardly by separating a hose 41 from the outlet pipe 39 when the pressure of the blow-by gas within an engine main body 21 is not less than a predetermined pressure.

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :24/06/1997 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A PROCESS FFOR THE PREPATATION OF SYNERGISTIC FORMULATION USEFUL AS A HERBAL CREAM FOR CRACKED HEELS AND HANDS

Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA (87) International Publication Number :NA (87) Inter	<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A61K 31/00 :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Address of Applicant: RAFI MARG NEW DELHI-110001, INDIA (72)Name of Inventor:
(62) Divisional to Application Number :NA <b>5)SUSHIL KUMAR</b>	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA :NA :NA :NA	1)RATTAN LAL BINDRA 2)RASHMI GUPTA 3)YOGENDRA NATH SHUKLA 4)SAMRESH DWIVEDI

#### (57) Abstract:

A process for the preparation of a synergistic formulation useful as a herbal cream for cracked heels and hands which comprises melting purified natural wax at 64°C, adding hot petroleum jelly and mixing by stirring, adding Shorea robusta resin and curcuma extract to the obtained homogenous jelly, stirring and adding fragrant oil, cooling to 35°C and adding preservative such as herein described to get the desired synergistic formulation containing: Curcuma extract 2 to 10 parts by wt. Resin of Shorea robusta 2 to 20 parts by wt Natural wound healing fragrant oil preferably chamomile oil, basil oil or mentha oil 0.5 to 2 parts by wt. Natural wax 20 to 40 parts by wt. Petroleum jelly 50 to 70 parts by wt. Preservative 0.5 to 2 parts by wt

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

(22) Date of filing of Application :21/10/2004 (43) Publication Date : 31/07/2015

# (54) Title of the invention: BIOACTIVE WATER FRACTION FROM GOMPHOSTEMA NIVEUM

		(71)Name of Applicant:
(51) International classification	:A61K	
(31) international classification	35/78	AND DEVELOPMENT ORGANIZATION
(31) Priority Document No	:NA	Address of Applicant :MINISTRY OF DEFENCE,
(32) Priority Date	:NA	GOVERNMENT OF INDIA, WEST BLOCK-VIII, WING-1
(33) Name of priority country	:NA	SECTOR-1 R.K. PURAM, NEW DELHI-110066 India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAHABIR PARSHAD KAUSHIK
(87) International Publication No	:NA	2)DURAIPANDIAN THAVASELVAM
(61) Patent of Addition to Application Number	:NA	3)MANISHA NIVSARKAR
Filing Date	:NA	4)SANJAY KUMAR
(62) Divisional to Application Number	:NA	5)KRISHNAMURTHY SEKHAR
Filing Date	:NA	6)HEMANTA KUMAR GOGOL
		7)DEBA KOCH

# (57) Abstract:

The present invention relates to a novel bioactive water fraction obtained from the leaves of an herb named Gomphostema niveum commonly found in North Eastern part of India, and which is useful for inhibiting the growth of malarial parasite Plasmodium falciparum. The present invention-also relates to a method for the extraction of said bioactive I fraction. The present invention also provides methods for treatment of malara using such bioactive water fractions and use of such bioactive water fractions for the treatment of malaria. 13

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : DEVICE FOR RADIATION ABSORPTION MEASUREMENTS AND METHOD FOR CALIBRATION THEREOF

(51) International classification (31) Priority Document No	:G01N 21/35 :NA	(71)Name of Applicant: 1)OPSIS AB
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA :NA	Address of Applicant :P.O. BOX 244, SE-244 02, FURULUND, SWEDEN
(86) International Application No		(72)Name of Inventor:
Filing Date	:28/10/2009	1)UNEUS, LEIF
(87) International Publication No	:WO 201/050841	2)WALLIN, SVANTE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A device for radiation absorption measurements and a method for calibrating the device are described. The device comprises a radiation source (4, 16) emitting electromagnetic radiation having a wavelength in the interval  $0.2~\mu m$ -20  $\mu m$ , a detector (2) detecting said electromagnetic radiation, when in a measurement mode at least a portion of said radiation has passed through a medium and been reflected by a surface (5) at a distance from said radiation source (4, 16), before reaching said detector. The device is characterised in that said device further comprises a fluid calibration cell (8), which is adapted to be arranged in the path of the electromagnetic radiation between said radiation source (4, 16) and said detector (2). The method for calibrating a device for radiation absorption measurements comprises the steps of: emitting electromagnetic radiation having a wavelength in the interval 0.2 to  $20~\mu m$ , directing at least a portion of said electromagnetic radiation through a fluid calibration cell (8), and detecting said electromagnetic radiation.

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

(22) Date of filing of Application :03/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : NOVEL THIN FILM COMPOSITE REVERSE OSMOSIS MEMBRANE WITH ANTIFOULING PROPERTIES AND METHOD OF PREPARATION OF THE SAME

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)PUSHPITO KUMAR GHOSH
(61) Patent of Addition to Application Number	:NA	2)SURESH KUMAR JEWRAJKA
Filing Date	:NA	3)ALAMURU VENKATA RAMI REDDY
(62) Divisional to Application Number	:NA	4)SANJAY MANDAL
Filing Date	:NA	5)SADHIKA KHULLAR

### (57) Abstract:

The present invention relates to the preparation of thin film composite (TFC) reverse osmosis (RO) membranes with novel composition of monomers for water desalination. More particularly, the invention relates to the preparation of TFC RO membranes by interfacial polymerization between neat 2,4,6-pyridinetricarboxylic acid chloride (PTC) or mixtures of PTC and trimesoyl chloride (TMC) with m-phenylenediamine (MPD) on the surface of porous polysulfone support. The developed membranes exhibit NaCI rejections of  $94 \pm 1\%$  with 50-55 litres/m2h product water rates when tested under brackish water desalination conditions.

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

(22) Date of filing of Application :09/11/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention: INHALABLE FORMULATION FOR HEAVY METAL POISONING

		(71)Name of Applicant:
(51) International classification	:A61M16/00	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(31) Priority Document No	:NA	DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF
(33) Name of priority country	:NA	INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI
(86) International Application No	:NA	MARG, NEW DELHI-110011, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)BHATNAGAR, ASEEM
(61) Patent of Addition to Application Number	:NA	2)AHMAD, FARHAN, JALEES
Filing Date	:NA	3)KUMAR, NEERAJ
(62) Divisional to Application Number	:NA	4)SULTANA, SHAHEEN
Filing Date	:NA	5)MITTAL, GAURAV
		6)ALI, RASHID

#### (57) Abstract:

The present invention provides an inhalable pharmaceutical formulation for preventing and/or treating heavy metal poisoning, said formulation comprising; a chelating agent selected from a group consisting of Ethylene diamine tetraacetic acid (EDTA) and Diethylene triamine pentaacetic acid (DTPA), or its salts, derivatives or mixtures thereof, having particle size in the range of 10 nm to 5000nm; at least one or more of an ingredient selected from 0.03-2% w/w of a surfactant on the weight of the chelating agent; and optionally one or more pharmaceutically acceptable excipients. The pharmaceutical formulation of present invention is suitable for inhalation for used in treating, preventing, or in the management of heavy metal poisoning, including that radioactive materials, particularly those entering the body through the inhalation route. Typically, the mode of administration of pharmaceutical formulation of present invention includes either drug aerosols released through nebulization process from fluid formulations or through dry aerosols using Dry Powder Inhalation (DPI) methodology.

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

(21) Application No.3003/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: IMPROVED TRENCH TERMINATION STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H01L 29/06 :12/575,517 :08/10/2009 :U.S.A. :PCT/US2009/060350 :12/10/2009 :WO 2011/043780	(71)Name of Applicant:  1)VISHAY GENERAL SEMICONDUCTOR, LLC Address of Applicant: C/O VISHAY INTERTECHNOLOGY, INC. 63 LANCASTER AVENUE, MALVERN, PENNSYLVANIA 19355-2120, U.S.A. (72)Name of Inventor: 1)KAO, LUNG-CHING
		` '
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A trench MOS device includes a base semiconductor substrate (12), an epitaxial layer (14) grown on the base semiconductor substrate, a first trench (36) in the epitaxial layer, and a stepped trench comprising a second trench (16) and a third trench (40) in the epitaxial layer. There is a mesa (34) between the first trench and the stepped trench. There is a spacer (22) on a the sidewall of the second trench, wherein the third trench having a depth below the spacer. There is a dielectric layer (20) extending along sidewalls and bottom walls of the second trench and the third trench. There is also a metal layer (18) extending over the first trench, over a sidewall of the stepped trench and a portion of the bottom of the stepped trench.

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

(21) Application No.3004/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : REMOVABLE COLOR LAYER FOR ARTIFICIAL NAIL COATINGS AND METHODS THEREFORE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C08F 251/02 :12/573,633 :05/10/2009 :U.S.A. :PCT/US010/047171 :30/08/2010 :WO 2011/043880 :NA :NA :NA	(71)Name of Applicant:  1)CREATIVE NAIL DESIGN, INC. Address of Applicant:1125 JOSHUA WAY, VISTA, CALIFORNIA 92081, U.S.A. (72)Name of Inventor: 1)VU, THONG, H. 2)LARSEN, DIANE, MARIE 3)CONGER, CHAD 4)SCHOON, DOUGLAS D.
---	---	---

### (57) Abstract:

The present disclosure relates to a nail coating system comprising a basecoat, a color layer, and a topcoat. The system of the present disclosure may be applied to natural and/or pre-existing artificial nail coatings. The present disclosure relates generally to compositions for natural and artificial nail coatings, and particularly, but not by way of limitation, to polymerizable compositions and color layers polymerized therefrom. The disclosure further relates to methods of making a polymerized color layer.

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

(22) Date of filing of Application :09/11/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HARD STEEL ALLOY COMPOSITION AND PREPARATION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C22C29/06 :NA :NA :NA :NA :NA :NA :NA :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-110011, INDIA. (72)Name of Inventor:  1)MISHRA, BIDYAPATI 2)SINGH, RANJAN, KUMAR 3)KUMAR, KANDIKATTU, SIVA 4)SINGH, ASHOK, KUMAR 5)BHAT, TALAPADY, BALAKRISHNA
---	---	--

# (57) Abstract:

The invention relates to a high hardness steel alloy for armouring puposes having the chemical composition of 10 to 15 weight % Mo, 25 to 35 weight % Co, 1 to 5 weight % V, 0.008 to 0.1 weight % C and balance Fe. The invention also relates to a process for the prepration of such steel by improved thermomechanical processing and ageing.

No. of Pages: 16 No. of Claims: 7

(22) Date of filing of Application :09/11/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A HERBAL COMPOSITION AND PREPARATION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K36/8965 :NA :NA :NA :NA :NA :NA :NA :NA :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-110011, INDIA (72)Name of Inventor:  1)PANDEY, HEMANT, KUMAR  2)AHMED, ZAKWAN  3)RAWAT, PURAN, SINGH  4)MEENA, HARSAHAY  5)ARYA, MAHESH, CHANDRA
---	--	--

#### (57) Abstract:

The present invention relates to a herbal composition and process for preparation thereof. These composition or formulation is useful for the treatment of sunburn, dryness of skin and frost bite. The composition comprises alcoholic extracts of Calendula officinalis in the range of about 0.70 to 1.40% (w/w); Arctium lappa in the range of about 0.23 to 0.77% (w/w); Aloe vera in the range of about 0.60 to 1.60% (w/w); Curcuma domestica in the range of about 0.25 to 1.50% (w/w); and Hedychium spicatum in the range of about 0.18 to 1.08% (w/w). The composition further comprises: oil of Madhuca butyracea in the range of about 4.00 to 8.00% (w/w), oil of Prunus americana in the range of about 3.00 to 10.00% (w/w), oil of Triticum vulgare in the range of 1.00 to 5.00% (w/w) and oil of Cymbopogon citratus in the range of about 0.20 to 1.50% (w/w).

No. of Pages: 15 No. of Claims: 6

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SEAT ALLOCATION TO PASSENGERS ON AN AIRCRAFT

(33) Name of priority country : (86) International Application No Filing Date :		Address of Applicant :485 ROUTE DU PIN MONTARD, SOPHIA ANTIPOLIS, F-06410 BIOT (FR) France (72)Name of Inventor: 1)BARILLEC, VINCENT 2)DEBARGE, ANTHONY
(61) Patent of Addition to Application	:NA	2)DEBARGE, ANTHONY
Filing Date (62) Divisional to Application Number :	:NA :NA :NA	

## (57) Abstract:

A customer seating system for allocating seats to a group of customers, adapted to -Calculate a satisfaction value for each available seat, for each customer Characterized in, that said system is further adapted to - Compute a global satisfaction value for each seat, said global satisfaction value is the sum of the previously calculated satisfaction values for the customers of the group, - Provide seating arrangements according to one of the predetermined geometrical shapes corresponding to the group, - Determine the group of seats matching said predetermined shape that gives the maximum average global satisfaction value, - Assign the corresponding seats to the group of customers.

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

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention: METHOD, SYSTEM AND NETWORK NODES FOR PERFORMING A SIP TRANSACTION IN A SESSION INITIATION PROTOCOL BASED COMMUNICATIONS NETWORK

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date  (51) International Classification No :NA :PCT/EP2009/06593 :26/11/2009 :WO 2011/063844 :NA :NA :NA	(71)Name of Applicant:  1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 STOCKHOLM (SE) Sweden (72)Name of Inventor: 1)NOLDUS, ROGIER AUGUST CASPAR JOSEPH
--	--

#### (57) Abstract:

Method, system and network nodes for performing a SIP transaction, such as a SIP Invite transaction, in a Session Initiation Protocol based communications network from a first node to a third node via a second node. The second node acts as a proxy that receives a SIP message from the first node and, instead of forwarding the message to the third node, transmits a pivot request to the first node requesting the first node to forward the message directly to the third node. The first node forwards the message directly to the third node, and during the remainder of the SIP transaction further SIP messages are exchanged between the first and third node directly.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DELIVERY WITH RECONCILIATION ON CLIENT SIDE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F 11/14 :09305960.8 :09/10/2009 :EPO :PCT/EP2010/006186 :11/10/2010 :WO2011/042203 :NA :NA :NA	(71)Name of Applicant:  1)AMADEUS S.A.S. Address of Applicant: 485 ROUTE DU PIN MONTARD, SOPHIA ANTIPOLIS, F-06410 BIOT (FR) France (72)Name of Inventor: 1)SOROKIN, MONSTANTIN 2)MAI, HUONG-LY 3)BRAGANTI, HERVE 4)PRIOUX, SARAH 5)HABERMACHER, ERIC 6)WHITFIELD, ANNICK
--	---	---

#### (57) Abstract:

The invention relates to a system for data synchronization between two or more computer terminals comprising, at least one client terminal, a server terminal, a communication network connecting said client and server terminals, a data string being created on said client terminal, said client terminal being configured to send the data string to the server terminal for synchronization between the two terminals, characterized in that upon synchronization failure, reconciliation data with the latest synchronization information including said data string, is configured to be stored in a database on the client terminal and resent later according to a retry counter.

No. of Pages: 19 No. of Claims: 14

(21) Application No.2029/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date: 31/07/2015

(54) Title of the invention: METHOD FOR MANUFACTURING A BENDED GLASS SHEET, MANUFACTURING SYSTEM FOR EXECUTING THE METHOD, BENDED MIRROR ASSEMBLY WITH THE BENDED MIRROR AND USE OF THE BENDED MIRROR OR THE ASSEMBLY WITH THE BENDED MIRROR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:F24J 2/10 :61/240,449 :08/09/2009 :U.S.A. :PCT/EP2010/063189 :08/09/2010 :WO 2011/029852 :NA :NA	(71)Name of Applicant:  1)SIEMENS CONCENTRATED SOLAR POWER LTD.  Address of Applicant: 3 HA-HAC'SHARA 99107 BEIT SHEMESH (INDUSTRIAL AREA WEST), ISRAEL (72)Name of Inventor:  1)BRENMILLER; AVRAHAM 2)RAZ; DAN
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present invention relates to a method for manufacturing a bended glass sheet with a permanent glass sheet bending. The method (cold bending of a glass sheet) comprises following steps: a) Providing a tempered flat precursor glass sheet with a glass sheet thickness selected from the range between 2 mm and 10 mm; b) bending the tempered flat precursor glass sheet with the aid of an external bending force such, that a bended glass sheet with a glass sheet bending results; and c) fixing the glass sheet bending of the bended glass sheet such, that the permanent glass sheet bending results; wherein the bending the tempered flat precursor glass sheet is executed at a bending temperature which is selected from the range between 0°C and 70°C. In a preferred embodiment the bending temperature is selected from the range between 0°C and 50°C and particularly from the range between 0°C and 40°C. Moreover a manufacturing system for executing the method with is provided. The use of the method relates to the manufacturing of a bended mirror with a permanent mirror bending. For instance, a tempered glass sheet is coated with a multilayer stack with a reflecting layer containing Silver. This coated glass sheet is brought into the desired parabolic shape by the described bending process. In view of a solar field application it is advantageous that instead of 2 or 3 mirrors one long mirror can be used. This reduces the costs and improves the optical performance. The bended mirror or the assembly with the bended mirror is used as a sunlight concentrator.

No. of Pages: 18 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.284/DEL/1997 A

(19) INDIA

(22) Date of filing of Application :03/02/1997 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PHOTOPROTECTIVE COMPOSITIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:A61K 7/42 :08/599,202 :09/02/1996 :U.S.A. :NA :NA	
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	2)WAGNER, JULIE ANN
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to leave on, skin care compositions, comprising: (a) from about 0.1% to about 30% of a sunscreen active, (b) from about 0.5% to about 20% of a hydrophobic, structuring agent, (c) from about 0.2% to about 10% of a hydrophilic surfactant, (d) from about 0.1% to about 5% of a thickening agent, and (e) water. These compositions are useful for providing protection to human skin from the harmful effects of ultraviolet radiation.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : INTEGRATION OF EXTERNAL DATA IN ELECTRONIC CONSTRUCTION DATA MANAGEMENT

(51) International classification :G06F 9/46 (71)Name of Applicant: (31) Priority Document No :PCT/US2009/059705 1)FLUOR TECHNOLOGIES CORPORATION (32) Priority Date Address of Applicant: 3 POLARIS WAY, ALISO VIEJO, :06/10/2009 (33) Name of priority country CALIFORNIA 92698, U.S.A. :U.S.A. (86) International Application No :PCT/US2010/035624 (72)Name of Inventor : Filing Date :20/05/2010 1) CHAUBEY, NIKHIL (87) International Publication No :WO 2011/043848 2) HIGGS, AUSTIN (61) Patent of Addition to Application 3)ALBERTIN, MARK :NA Number 4) VASUDEVAN, CHAUMATHI :NA Filing Date 5)CLARK, KEVIN W. (62) Divisional to Application Number :NA 6)SAINE, RICHARD JERRY Filing Date :NA

## (57) Abstract:

Systems and methods of construction management and quality control are presented in which activities and/or information external to construction data are automatically captured and associated in a hierarchical manner to allow coordinated retrieval of the activities and/or information across multiple components, sub-components, and/or work packages within a construction project. Among other advantages, contemplated systems and methods allow fast and coordinated retrieval of construction records as well as dynamic modification of work packages as a function of associated external information.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN ARRANGEMENT AND METHOD RELATING TO ANALYSIS OF TRANSMISSION LINES

(51) International classification	:H04B 3/46	(71)Name of Applicant :
(31) Priority Document No	:61/256,451	1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(32) Priority Date	:30/10/2009	Address of Applicant :SE-164 83 STOCKHOLM (SE)
(33) Name of priority country	:U.S.A.	Sweden
(86) International Application No	:PCT/SE2010/050015	(72)Name of Inventor:
Filing Date	:08/01/2010	1)FERTNER, ANTOMI
(87) International Publication No	:WO 2011/053212	2)BORJESSON, PER OLA
(61) Patent of Addition to Application	:NA	3)ERICSON, KLAS
Number	:NA	4)LINDQVIST, FREDRIK
Filing Date	.11/1	5)PAPPA, IOANNA
(62) Divisional to Application Number	:NA	6)HOST, STEFAN
Filing Date	:NA	7)BERG, MIGUEL

#### (57) Abstract:

The present invention relates to an arrangement for analyzing transmission line properties. Measurement data providing means (10) provide data of a first frequency dependent line property, line property calculation arrangement (20) with model handling means (21 A), a Hubert transform handler (22) and line property determination means (23) calculate said first property based on model parameters, line resistance at 0 frequency, roc r cut-off frequency, v, line capacitance  $C\infty r$  and line inductance  $\Sigma$ . The line model handling means (21 A) calculates the line inductance L(J) via a Hubert transform of Q(f/v)r relating line resistance R(J) to roc such as formula (I). The Hilbert transform values are calculated using a parameterized closed form expression for the Hubert transform or they are tabulated. The line property determination means (23; 23A) calculates the first property and criteria function application means (40) uses the measured first property and the calculated first property for model parameters to find optimized numerical model parameter values.

No. of Pages: 52 No. of Claims: 21

(22) Date of filing of Application :06/03/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention: PROCESS FOR PRODUCING4-ALKYL-2-HALOANILIN COMPOUND OF THE FOLLOWING FORMULA (1) FROM COMPOUND OF FORMULA (2)

(51) International classification :C07C 211/52
(31) Priority Document No :2002-142444
(32) Priority Date :17/05/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/06157
Filing Date :16/05/2003

(87) International Publication No(61) Patent of Addition to ApplicationWO 2003/097572

Number :NA
Filing Date :NA

(62) Divisional to Application Number :2731/DELNP/2004 Filed on :16/09/2004

(71)Name of Applicant:

1)MEIJI SEIKA KAISHA, LTD.

Address of Applicant :4-16, KYOBASHI 2-CHOME, CHUO-

KU, TOKYO-TO, JAPAN (72)Name of Inventor:
1)TOSHIO NISHIZUKA

2)HIROSHI KURIHARA

#### (57) Abstract:

A process for producing 4-alkyl-2-haloanilin compound of the following formula (1), comprising the step of reacting the 2-haloaniline derivative of the following formula (2) with an alkylating agent in the presence of an acid catalyst in an organic solvent or sulfuric acid to introduce group R1, which represents branched chain C3 - C10 alkyl or optionally substituted C3 - C10 cycloalkyl, into the 4-position of the derivative, thereby preparing the compound of formula (1) wherein R1 represents branched chain C3 - C10 alkyl or optionally substituted C3 - C10 cycloalkyl; R2 represents a halogen atom, optionally substituted straight chain or branched chain C1 - C8 alkyl, or optionally substituted C3 - C8 cycloalkyl; R3 represents optionally substituted C3 - C8 cycloalkyl; n is an integer of 0 (zero) to 3; and X represents a fluorine and chlorine atom; wherein R2 represents a halogen atom, optionally substituted straight chain or branched chain C1 - C8 alkyl, or optionally substituted C3 - C8 cycloalkyl; R3 represents optionally substituted straight chain or branched chain C1 - C8 alkyl, optionally substituted straight chain or branched chain C1 - C8 alkyl, optionally substituted straight chain or branched chain C1 - C8 alkyl, optionally substituted straight chain or branched chain C2 - C6 alkenyl, or optionally substituted C3 - C8 cycloalkyl; n is an integer of 0 (zero) to 3; and X represents a fluorine and chlorine atom, provided that R is not in the 4-position on the aromatic ring; wherein the acid catalyst is 70 to 90% (w/w) sulfuric acid and the reaction is carried out at a temperature in the range of 60 to 80°C.

No. of Pages: 33 No. of Claims: 4

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: STEEL TUBE FOR AIRBAGS AND A PROCESS FOR MANUFACTURING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C22C 38/00 :NA :NA :NA :NA :PCT/JP2010/059417 :03/06/2010 :WO 2011/151908 :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 (72)Name of Inventor:  1)ARAI, YUJI  2)TAKANO, TAKASHI 3)KAWAMOTO, TAKUMA
---	--	---

#### (57) Abstract:

A steel tube for an airbag which has a low alloy cost and a strength of at least 1000 Mpa and vTrs100 of-80° C or below and a process for its manufacture which can minimize the number of times that softening annealing treatment is performed in a cold drawing step are provided. Stable properties are obtained even when quench hardening is carried out by high frequency induction heating on a large scale. The steel tube has a steel composition which comprises, in mass percent, C: 0.05 - 0.20%, Si: 0.10 - 0.50%, Mn: 0.10 - 1.00%, P: at most 0.025%, S: at most 0.005%, Al: 0.005 - 0.10%, Ca: 0.0005 - 0.0050%, Nb: 0.005 - 0.050%, Ti: 0.005 - 0.050%, Cu: 0.01 - 0.50%, Ni: 0.01 - 0.50%, Cr: 0.01 - 0.50%, B: 0.0005 - 0.0050%, N: 0.002 - 0.010%, and a remainder of Fe and unavoidable impurities.

No. of Pages: 36 No. of Claims: 6

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : TRANSFERRING ELECTRIC ENERGY TO A VEHICLE, USING A SYSTEM WHICH COMPRISES CONSECUTIVE SEGMENTS FOR ENERGY TRANSFER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:26/10/2010 :WO 2011/050960 :NA :NA	(71)Name of Applicant:  1)BOMBARDIER TRANSPORTATION GMBH Address of Applicant:SCHOENEBERGER UFER 1 10785 BERLIN GERMANY (72)Name of Inventor: 1)ZENGERLE, MANFRED
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a system for transferring electric energy to a vehicle, in particular to a track bound vehicle such as a light rail vehicle, wherein the system comprises an electric conductor arrangement for producing an alternating electromagnetic field and for thereby transferring the energy to the vehicle, the electric conductor arrangement comprises at least one alternating current line (135), wherein each alternating current line (135) is adapted to carry one phase of an alternating electric current, the conductor arrangement comprises a plurality of consecutive segments, wherein the segments extend along the path of travel of the vehicle, each segment comprising one section of each of the at least one alternating current line, the system comprises a direct current direct current supply (141) for supplying electric energy to the segments, each segment is connected to the direct current supply (141) via at least one inverter (301) which is adapted to invert a direct current carried by the direct current supply (141) to an alternating current carried by the at least one alternating current line.

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: IMPROVEMENTS FOR COORDINATED MULTIPOINT TRANSMISSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04B 7/06 :NA :NA :NA :PCT/EP2009/060568 :14/08/2009 :WO 2011/018121 :NA :NA	(71)Name of Applicant:  1)NOKIA SIEMENS NETWORKS OY Address of Applicant: KARAPORTTI 3, FI-02610 ESPOO, FINLAND, (72)Name of Inventor: 1)ZIRWAS, WOLFGANG 2)CHMIEL, MIESZKO 3)KIISKI, MATTI TAPANI 4)SCHULZ, EGON
---	---	---

### (57) Abstract:

A method is described, which comprises controlling a coordinated transmission between network control elements and terminals on resource elements, detecting whether a resource element comprises a specific element, and selecting a resource element for the coordinated transmission, when it is detected that the resource element does not comprise a specific element. The application also describes some further aspects to improve a coordinated transmission such as a coordinated multipoint transmission is improved.

No. of Pages: 93 No. of Claims: 66

(21) Application No.3021/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: INFORMATION MANAGEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G06F 9/44 :12/687,716 :14/01/2010 :U.S.A. :PCT/US2010/061583 :21/12/2010 :WO 2011/087792	(71)Name of Applicant: 1)INIT LLC Address of Applicant:201 SPRING STREET LEXINGTON, MASSACHUSETTS 02421 UNITED STATES OF AMERICA (72)Name of Inventor: 1)NIELSEN, BO, HJORT 2)JUDD, D., MARK
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	3)CHAO, KIRK, CHU-HSI
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

An approach to managing information makes use of a multi-program graphical user environment (e.g., a virtual desktop). The graphical environment includes a first part in which information elements are presented to a user. A user selection of one or more information elements is accepted and corresponding representations of those elements are formed in another part of the graphical environment. The representations formed in the other part of the graphical environment are persistent as further information elements are presented to the user in the first part of the environment. In some examples, information elements may be classified by users such that application of and access to classifications is mediated a privilege system.

No. of Pages: 26 No. of Claims: 22

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

(54) Title of the invention: MATERIAL FOR ORGANIC ELECTRONICS, ORGANIC ELECTRONIC ELEMENT, ORGANIC ELECTROLUMINESCENT ELEMENT, DISPLAY ELEMENT USING ORGANIC ELECTROLUMINESCENT ELEMENT, ILLUMINATING DEVICE, AND DISPLAY DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01L 51/50 :2009-229483 :01/10/2009 :Japan :PCT/JP2010/067087 :30/09/2010 :WO 2011/040531 :NA :NA :NA	(71)Name of Applicant:  1)HITACHI CHEMICAL COMPANY, LTD.  Address of Applicant:1-1, NISHI-SHINJUKU 2-CHOME SHINJUKU-KU, TOKYO 163-0449 JAPAN (72)Name of Inventor:  1)FUNYUU, SHIGEAKI 2)ISHITSUKA, KENICHI 3)HOSHI, YOUSUKE
--	---	--

## (57) Abstract:

Provided is a material for organic electronics which can produce an organic electronic element capable of lowering the driving voltage or capable of performing stable driving for a long time. The material for organic electronics contains at least an ionic compound and a compound having a charge transporting unit (hereinafter, referred to as charge transporting compound), and the ionic compound is composed of a counter cation and a counter anion, while the counter cation is any one kind or two or more kinds selected from H+, a carbocation, a nitrogen cation, an oxygen cation, and a cation having a transition metal.

No. of Pages: 77 No. of Claims: 33

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : NOVEL CRYSTALLINE FORMS OF AN INHIBITORS OF 11-BETA-HYDROXYSTEROID DEHYDEROGENASE TYPE 1.

(51) International classification :A61K 31/4196
(31) Priority Document No :60/539,206
(32) Priority Date :26/01/2004
(33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

(87) International Publication No

Figure 1:05.74:

PCT/US2005/00192

F21/01/2005

FWO 2005/073200

(87) International Publication No :WO 2
(61) Patent of Addition to Application :NA

Number :NA Filing Date

(62) Divisional to Application Number Filed on

:60/539,206
:26/01/2004
:U.S.A.
:PCT/US2005/001928

1)MERCK SHARP & DOHME CORP.
Address of Applicant :126 EAST LINCOLN AVENUE,
RAHWAY, NEW JERSEY 07065-0907 UNITED STATES OF

(72)Name of Inventor:
1)BEREZNITSKI, YURI
2)HUFFMAN, MARK, A.
3)LYNCH, JOSEPH, E.
4)ZHAO, MATTHEW

(71)Name of Applicant:

3)LYNCH

:4108/DELNP/2006

:17/07/2006

## (57) Abstract:

Novel crystalline salts of 3-[1-(4-chlorophenyl)-trans-3-fluorocyclobutyl]-4,5-dicyclopropyl-r-4H-1,2,4-triazole are potent inhibitors of 11 -hydroxysteroid dehydrogenase Type 1 and are useful for the treatment of conditions associated with Metabolic Syndrome as well as cognitive impairment. The invention also relates to pharmaceutical compositions containing these novel salts, processes to prepare these salts and their pharmaceutical compositions as well as uses thereof for the treatment of Type 2 diabetes, hyperglycemia, obesity, dyslipidemia, hypertension, and cognitive impairment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1089/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HUMIDIFYING APPARATUS

(51) International classification :C07C (31) Priority Document No :10020638 (32) Priority Date :12/04/20 (33) Name of priority country :Republic of Korea (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	
---	--

#### (57) Abstract:

A humidifying apparatus includes a water storage basin, an outer casing unit, an inner casing unit, a spraying device, and a liquid collection unit. The water storage basin is to receive a humidifying liquid. The outer casing unit is supported in the water storage basin and has a bottom opening and an upper opening which faces each other. The inner casing unit includes a guide member with a convex surface facing the upper opening. The spraying device is disposed in the inner casing unit and includes a power motor to drive a plurality of discs and a suction nozzle of the liquid collection unit. The suction nozzle extends in the humidifying liquid. When rotated at a high speed, the suction nozzle sends the humidifying liquid to the discs. At least one of the discs is provided with blades. By the centrifugal force of the discs and the blades, the humidifying liquid is nebulized and the mist is flung in the direction of the convex surface at a high speed to be sent out from the upper opening, providing a better humidifying effect.

No. of Pages: 21 No. of Claims: 8

(22) Date of filing of Application :22/01/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AIR CONDITIONER

(#4) <del>-</del>	00 4E 04 61	77/27
(51) International classification	:f24F, f16l	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)Hitachi Appliances, Inc.
(31) Thomas Document No	014858	Address of Applicant :16-1, Kaigan 1-chome, Minato-ku,
(32) Priority Date	:29/01/2014	Tokyo 105-0022, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOKOZEKI Atsuhiko
Filing Date	:NA	2)TADA Shuuhei
(87) International Publication No	: NA	3)TSUBOE Hiroaki
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

Heat transfer pipes 26b1 and 26b2 extend from the other end section 21B to one end section 21A in an intermediate row L2 and combine in the one end section 21A to be heat transfer pipes 26c1 and 26c2. The heat transfer pipes 26c1 and 26c2 are configured to extend back and force once between the one end section 21A and the other end section 21B in a upstream row L1. Heat transfer pipes 26b3 and 26b4 extend from the other end section 21B to the one end section 21A in the intermediate row L2 and combine in the one end section 21A to be heat transfer pipes 26c3 and 26c4. The heat transfer pipes 26c3 and 26c4 are configured to extend back and force once between the one end section 21A and the other end section 21B in the upstream row L1. The heat transfer pipe 26c2 extending from the other end section 21B to the one end section 21B and the heat transfer pipe 26c4 from the other end section 21B to the one end section 21A are arranged to be adjacent to each other.

No. of Pages: 60 No. of Claims: 9

(22) Date of filing of Application :23/08/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PROCESS FOR SYNTHESIZING HYBRIDE BIFUNCTIONALIZED MULTIWALLED CARBON NANOTUBES AND APPLICATIONS THEREOF

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIRECTOR GENERAL DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION
(33) Name of priority country	:NA	Address of Applicant :Ministry of Defence Govt. of India
(86) International Application No	:NA	Room No. 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
Filing Date	:NA	110011 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)SHASTRI Babita
(62) Divisional to Application Number	:NA	3)MUKHOPADHYAY Kingsuk
Filing Date	:NA	4)SAXENA Arvind Kumar

### (57) Abstract:

The present disclosure provides a process for synthesizing functionalized multiwalled carbon nanotubes (MWCNTs), comprising: refluxing MWCNTs with an acidic mixture to obtain a acid functionalized MWCNTs; and reacting the acid functionalized MWCNTs with oleyl amine in presence of an organic solvent to obtain an oleylamine derivative of MWCNTs. The present disclosure also provides a process for synthesizing a polycarbosilane coated MWCNT, comprising: mixing polycarbosilane and MWCNTs to obtain a mixture; stirring the mixture in Tetrahydrofuran, in presence of a catalyst under an inert atmosphere, to obtain a reaction mixture; and drying the reaction mixture under vacuum followed by heating to obtain polycarbosilane coated MWCNT<sup>TM</sup>s. The present disclosure further provides the application of functionalized MWCNTs as synthesized in accordance with the present disclosure, for use in making photovoltaic devices and the application of polycarbosilane coated MWCNTs as synthesized in accordance with the present disclosure for use in making glass fiber reinforced epoxy composites.

No. of Pages: 27 No. of Claims: 15

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DEVICE FOR ATTACHING AND RECOGNISING AT LEAST TWO COMPONENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01F 7/02 :0956983 :07/10/2009 :France :PCT/FR2010/052079 :01/10/2010 :WO 2011/042644 :NA :NA :NA	(71)Name of Applicant:  1)DURA AUTOMOTIVE SYSTEMS SAS Address of Applicant: 14 PARC BUROSPACE - ROUTE DE GISY, 91570 BIEVRES FRANCE. (72)Name of Inventor: 1)FARGES THOMAS
--	---	--

### (57) Abstract:

The device comprises at least one magnet (1) associated with one of the components (B) and at least one Hall-effect sensor (2a) arranged beneath a ferromagnetic part (3) of one of the components (A), so that the magnet or magnets (1) ensure(s) the fixing of the components (A) and (B), while the said Hall-effect sensor or sensors (2a) ensure(s) or do(does) not ensure, depending on their orientation, the detection of the said magnet or magnets (1), through the ferromagnetic part, so as to distinguish the component (B) equipped with a magnet or magnets (1).

No. of Pages: 8 No. of Claims: 5

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: APPARATUS AND METHOD FOR RECOVERING FLUID REFRIGERANT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B60K :11175145.9 :25/07/2011 :EUROPEAN UNION :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)ROBERT BOSCH GMBH  Address of Applicant:POSTFACH 30 02 20, 70442  STUTTGART, GERMANY  (72)Name of Inventor:  1)LEIF, THYSSEN
---	--	--

#### (57) Abstract:

An apparatus (2) for transferring a fluid from and/or to a system, in particular an air conditioning system, includes a main compartment (9) comprising at least one pumping device for pumping the fluid from/to the system, an interface module comprising at least one gauge (4a, 4b), which is configured for displaying the pressure of the fluid, and a fluid connection (13) fluidly connecting the gauge (4a, 4b) to the main compartment (9). The fluid connection (13) is formed in a double conduit design in order to prevent any leakage of the fluid from the fluid connection (13).

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

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention : DISPLAY DEVICE, NONUNIFORMITY COMPENSATION METHOD AND COMPUTER PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:25/08/2010 :WO 2011/030669 :NA :NA	(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)HIDETO MORI
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided is a display device including a display unit wherein a pixel having a pixel circuit for controlling current to be applied to emitting elements depending on the emitting elements that spontaneously emits depending on current volume, and a video signal, the scanning line that supplies the pixel with a selection signal which chooses a pixel to emit in a predetermined scanning period, a data line that supplies the pixel with the video signal are configured to be arranged in matrix, a first nonuniformity compensation unit that compensates emission unevenness to the video signal with linear characteristics, and a second nonuniformity compensation unit that compensates emission unevenness under a predetermined area to the video signal with gamma characteristics.

No. of Pages: 38 No. of Claims: 9

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: TOOL COMPENSATION METHOD AND DEVICE

(51) International classification	:B23H 7/20	(71)Name of Applicant:
(31) Priority Document No	:CO2009A000042	1)NUOVO PIGNONE S.P.A.
(32) Priority Date	:21/10/2009	Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127
(33) Name of priority country	:Italy	FLORENCE (IT) Italy
(86) International Application No	:PCT/US2010/048691	(72)Name of Inventor:
Filing Date	:14/09/2010	1)CANTELLI, UGO
(87) International Publication No	:WO 201/049686	2)NELSON, GARTH
(61) Patent of Addition to Application	:NA	3)LUO, YUANFENG
Number	:NA	4)ZHAN, YIMIN
Filing Date	.IVA	5)CIAPPI, ROBERTO
(62) Divisional to Application Number	:NA	6)ARCIONI, MASSIMO
Filing Date	:NA	7)YUAN, RENWEI

#### (57) Abstract:

A Method and machine tool for compensating a wear of an electrode that machines a workpiece. The method includes selecting a current pocket from plural pockets of the workpiece; updating a wear compensation to be applied to the electrode for the current pocket based on wear compensation of a previous pocket, where the previous pocket is adjacent to the current pocket; and applying the updated wear compensation to the electrode for machining the current pocket.

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

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

## (54) Title of the invention: SIGHTING DEVICE, IN PARTICULAR TELESCOPIC SIGHT, FOR A GEODETIC MEASURING APPARATUS AND OPTICAL OBJECTIVE UNIT ASSEMBLY FOR SUCH A SIGHTING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G01C 3/08 :09174483.9 :29/10/2009 :EPO :PCT/EP2010/066228 :27/10/2010 :WO 2011/051319 :NA :NA	(71)Name of Applicant:  1)LEICA GEOSYSTEMS AG Address of Applicant: HEINRICH-WILD-STRASSE, CH- 9435 HEERBRUGG (CH) Switzerland (72)Name of Inventor: 1)HINDERLING, JURG 2)STAUFFER, LAURENT 3)SAUPE, FRANK 4)SCHEJA, JOCHEN
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a sighting device, in particular to a telescopic sight, for a measuring apparatus having angular and in particular distance measurement functionality. The sighting device at least comprises an objective unit - defining an optical axis - having at least one lens, an image unit having a camera sensor and/or an eyepiece for capturing and/or providing an image of a sighted target object, a transmitter for emitting measurement beams as transmitted beams and/or a receiver for capturing measurement beams as received beams, and at least one optical deflection means for coupling the transmitted beams into the optical beam path of the sighting device and/or for coupling the received beams (4) out of the optical beam path. According to the invention, the at least one lens comprises a cylindrical recess around the optical axis, the recess extending in the direction of the optical axis. Furthermore, the deflection means comprises a cylindrical fastening section that extends inside the recess such, and corresponds to the recess with respect to shape and dimension such, that a gluing gap is created between the outer lateral surface of the fastening section and at least a portion of an inner lateral surface of the lens defined by the recess, and the deflection means is fastened to the at least one lens, mediated by an adhesive located in the gluing gap.

No. of Pages: 54 No. of Claims: 16

(21) Application No.100/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :13/01/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CLUTCH PRESSURE CONTROL SYSTEM

(51) International classification	:F16D48/06	(71)Name of Applicant :
(31) Priority Document No	:2014- 014446	1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho, Minami-ku,
(32) Priority Date	:29/01/2014	Hamamatsu-shi, Shizuoka-ken, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Hideyuki SAEKI
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 clutch pressure control system is capable of preventing vehicle driveability from being impaired by preventing occurrence of overshoot of actual pressure acting on a clutch. ECU specifies a target pinion in response to a driver shift input sensed at a shift sensor (step S1), and refers to a clutch pressure map that corresponds to the target pinion (step S3) to control actual clutch pressure acting on a clutch corresponding to the target pinion based on sleeve positions Sp of a sliding sleeve under control sensed at a sleeve position sensor under control, while controlling a shift actuator under control to move the sliding sleeve under control (step S2) until the sleeve position Sp of the sliding sleeve under control sensed at the sleeve position sensor under control becomes a gear-in position Ssht (step S4).

No. of Pages: 25 No. of Claims: 3

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SOYBEAN TRANSGENIC EVENT MON 87708 AND METHODS OF USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07H 21/04 :61/243,227 :17/09/2009 :U.S.A. :PCT/US2010/046759 :26/08/2010 :WO 2011/034704 :NA :NA :NA	(71)Name of Applicant:  1)MONSANTO TECHNOLOGY LLC Address of Applicant:800 NORTH LINDBERGH BOULEVARD, MAIL ZONE EINA, ST. LOUIS, MO 63167, UNITED STATES OF AMERICA (72)Name of Inventor: 1)BRINKER, RONALD, J. 2)BURNS, WEN, C. 3)FENG, PAUL, C.C. 4)GUPTA, ANJU 5)HOI, SIO-WAI 6)MALVEN, MARIANNE 7)WU, KUNSHENG
--	---	--

### (57) Abstract:

The invention provides a transgenic soybean event MON 87708 plant and plants, plant cells, seeds, plant parts, and commodity products derived from event MON 87708. The invention also provides polynucleotides specific for event MON 87708 and plants, plant cells, seeds, plant parts, and commodity products comprising polynucleotides specific for event MON 87708. The invention also provides methods related to event MON 87708.

No. of Pages: 56 No. of Claims: 30

(21) Application No.3050/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012 (43) Publication Date : 31/07/2015

### (54) Title of the invention: SYNCHRONISING ACTIVITIES OF VARIOUS COMPONENTS IN A DISTRIBUTED SYSTEM

(51) International classification	:G06F 13/40	(71)Name of Applicant:
(31) Priority Document No	:0917946.6	1)ARM LIMITED
(32) Priority Date	:13/10/2009	Address of Applicant :110 FULBOURN ROAD, CHERRY
(33) Name of priority country	:U.K.	HINTON, CAMBRIDGE CB1 9NJ, U.K.
(86) International Application No	:PCT/GB2010/051715	(72)Name of Inventor:
Filing Date	:12/10/2010	1)PETER ANDREW RIOCREUX
(87) International Publication No	:WO 2011/045595	2)BRUCE JAMES MATHEWSON
(61) Patent of Addition to Application	:NA	3)CHRISTOPHER WILLIAM LAYCOCK
Number	:NA	4)RICHARD ROY GRISENTH WAITE
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An initiator device for issuing transaction requests to a recipient device via an interconnect is disclosed. The initiator device comprises: at least one port for receiving requests from and issuing requests to said interconnect; a barrier generator for generating barrier transaction requests, the barrier transaction requests indicating to the interconnect that an ordering of at least some transaction requests within a stream of transaction requests passing through the interconnect should be maintained by not allowing reordering of at least some of the transaction requests that occur before the barrier transaction request in the stream of transaction requests with respect to the barrier transaction request; wherein in response to receipt of a synchronise request querying progress of at least a subset of transaction requests, the initiator device is responsive to action any pending transaction requests within the at least a subset of transaction request and to generate a hairier transaction request at the barrier generator and to issue the barrier transaction request to the interconnect via the at least one port, and in response to receiving a response to the barrier transaction request to issue an acknowledge signal as a response to the synchronous request.

No. of Pages: 54 No. of Claims: 25

(22) Date of filing of Application :10/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention : METHODS OF PREPARING FLEXIBLE PHOTOVOLTAIC DEVICES USING EPITAXIAL FIFTOFF, AND PRESERVING THE INTEGRITY OF GROWTH SUBSTRATES USED IN EPITAXIAL GROWTH

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (100 Application Number Filing Date	1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant :OFFICE OF TECHNOLOGY TRANSFER, 1214 SOUTH UNIVERSITY AVENUE, 2ND 10/048213 FLOOR, ANN ARBOR, MI 48104-2592, U.S.A. (72)Name of Inventor:
--	--

#### (57) Abstract:

There is disclosed methods of making photosensitive devices, such as flexible photovoltaic (PV) devices, through the use of epitaxial liftoff. Also described herein are methods of preparing flexible PV devices comprising a structure having a growth substrate, wherein the selective etching of protective layers yields a smooth growth substrate that us suitable for reuse.

No. of Pages: 91 No. of Claims: 79

(22) Date of filing of Application :08/10/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN ORAL LIQUID FORMULATION AS CYANIDE ANTIDOTE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	CO7C NA NA NA	(71)Name of Applicant:  1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  Address of Applicant: MINISTRY OF DEFENCE, GOVT. OF INDIA, DIRECTORATE OF ER & IPR GROUP, ROOM NO. 348, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110011 INDIA  (72)Name of Inventor:  1)BHATTACHARYA, RAHUL 2)GOPALAN, NATARAJAN 3)SINGH, ANIL KUMAR 4)SINGH, POONAM 5)YADAV, SHIV KUMAR 6)RAO, POOJA 7)GUJAR, NIRANJAN LAXMAN 8)RAO, PUTCHA VENKATA LAKSHMANA
--	------------------------	--

### (57) Abstract:

The invention relates to a novel oral liquid dosage form of Alpha- ketoglutaric acid disodium salt which serves in the treatment of cyanide poisoning. The pharmaceutical formulation is prepared in a flavored sorbitol base to improve the taste, color, stability and bioavailability of the preparation. The formulation can also be employed as an energy-rich nutritional supplement or sports medicine to bolster the citric acid cycle or to correct hyperammonemia. The present invention also relates to a process for producing Alpha-ketoglutaric acid disodium salt based pharmaceutical compositions and methods of using such kits for the treatment of cyanide poisoning.

No. of Pages: 24 No. of Claims: 8

(22) Date of filing of Application :28/08/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN UMBILICAL RETRACTION MECHANISM •

(51) International classification	:F16B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIRECTOR GENERAL DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION
(33) Name of priority country	:NA	Address of Applicant : Ministry of Defence Govt of India
(86) International Application No	:NA	Room No 348 B-Wing DRDO Bhawan Rajaji Marg New Delhi
Filing Date	:NA	- 110105 India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Kanakadandi Gopinath
Filing Date	:NA	2)Vijayabaskar Narayanamurthy
(62) Divisional to Application Number	:NA	3)Masuram Umakanth
Filing Date	:NA	4)Subramani Gopinath

#### (57) Abstract:

This invention discloses an umbilical retraction mechanism for engaging and retracting an electrical umbilical extending radially between a carrier and a releasable vehicle. In one embodiment the said releasable vehicle carries the umbilical socket engaged initially with a connector plug. This mechanism features subassemblies including a connector holder subassembly to attach the said connector plug; a moving platform subassembly upon a static frame subassembly for providing a linear motion parallel to the said releasable vehicle which is transformed by a bell crank lever subassembly into upward or downward motion of the connector holder subassembly for umbilical engagement or retraction and a loading linkage subassembly to enable initial fastening of the said connector plug with the connector holder. This mechanism provides positive umbilical engagement; prevents shear effect on the connector pins due to misalignments and retraction; and locks and positions the connector plug away from the releasable vehicle after retraction.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DISPOSABLE CONTAINER WITH FITTING ATTACHMENT

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT Filing Date :15/0	D 1/08  (71)Name of Applicant:  1)ARDAGH MP GROUP NETHERLANDS B.V.  Address of Applicant: ZUTPHENSEWEG 51 7418 AH  DEVENTER NETHERLANDS  (72)Name of Inventor:  1)NEUKIRCH, WERNER  2)SAUER, HANS PETER
---	---

#### (57) Abstract:

The invention relates to a single use container for pressurised liquid, in particular beer, comprising a receptacle providing a storage volume for the liquid, a top attachment unit which is arranged on top of the receptacle, and a fitting which is arranged sealingly in a filling hole that is formed in the receptacle for the feeding and tapping of liquid.

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

(21) Application No.3800/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: PROCESS FOR IDENTIFICATION OF DNA REPAIR AGENTS (S)

		(71)Name of Applicant :
		1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(51) International classification	:C12P	DEVELOPMENT ORGANISATION
(31) Priority Document No	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF
(32) Priority Date	:NA	INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI
(33) Name of priority country	:NA	MARG, NEW DELHI 110011, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR, RAJ
(87) International Publication No	: NA	2)MISHRA, SAURABH
(61) Patent of Addition to Application Number	:NA	3)MALHOTRA, POONAM
Filing Date	:NA	4)BANSAL, DEEN DAYAL
(62) Divisional to Application Number	:NA	5)PATEL, DEV DUTT
Filing Date	:NA	6)GUPTA, ASHUTOSH KUMAR
		7)SINGH, PRAVEEN KUMAR
		8)TRIPATHI, RAJENDRA PRASAD

## (57) Abstract:

A process for identification of a DNA repair agent for radiosensitivity or radioprotective properties is provided. The process as disclosed in present invention is applicable for screening novel agents which can be used to preserve vital biomolecules such as proteins, antibodies, antigens, epitopes, lipids, carbohydrates, vitamins, food supplements, drugs and other important food and therapeutics candidates against y radiation induced functional and structural impairment.

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

(22) Date of filing of Application :21/02/2008 (43) Publication Date : 31/07/2015

## (54) Title of the invention : A RADAR BLOCK SET COMPONENTS WHICH USES FPGA OPTIMALLY AND METHOD THEREOF

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIRECTOR GENERAL DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPEMENT ORGANISATION [DRDO]
(33) Name of priority country	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF
(86) International Application No	:NA	INDIA, ROOM NO 348, B-WING, DRDO BHAWAN, RAJAJI
Filing Date	:NA	MARG, NEW DELHI - 110 0001 India
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MEENA DASAN
Filing Date	:NA	2)TANIZA ROY
(62) Divisional to Application Number	:NA	3)KARTHIK KABBINAHITLU SUBRAHMANYA
Filing Date	:NA	4)GNANA MICHAEL PRAKASAML

#### (57) Abstract:

Instant invention is related to a radar block set library comprising precompiled and synthesized components and method to develop the same which generates code for programming FPGAs optimally.

No. of Pages: 21 No. of Claims: 11

(21) Application No.9590/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: FRAGMENT COUNTING AND CONTROL SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:04/09/2013 :WO 2014/056295 :NA	(71)Name of Applicant:  1)HUANG Jian Address of Applicant:Room 1104 No.1 XiaoxiayuanTayuan Haidian District Beijing 100192 China (72)Name of Inventor: 1)HUANG Jian
(61) Patent of Addition to Application		
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A fragment counting and control system, consisting of mechanical and electronic components such as a fragment counting execution mechanism, a sensor platform, various sensors, a signal counting and processing instrument, a timer, a motor driver and the like. A fragment falls onto the sensor platform from the outlet of the fragment counting execution mechanism, such that the sensor on the sensor platform generates a signal; the signal is transmitted to the signal counting and processing instrument; the signal counting and processing instrument processes the signal and compares the processed signal with a preset value; the processing instrument transmits a control signal to the timer and the motor driver according to the ratio; the timer controls the motor driver to start and stop; the motor driver processes the processing instrument signal and transmits a driver signal to the motor; and the motor changes rotation according to the driver signal so as to drive a vertical shaft to change rotation, thus controlling the frequency of falling fragments.

No. of Pages: 22 No. of Claims: 7

(21) Application No.2973/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ELECTRIC CONTACT FOR PLUG CONNECTIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:H01R 13/26 :10 2009 054 705.3 :15/12/2009 :Germany :PCT/EP2010/065616 :18/10/2010 :WO 2011/072909 :NA :NA	(71)Name of Applicant:  1)ROBERT BOSCH GMBH  Address of Applicant: POSTFACH 30 02 20, 70442  STUTTGART, GERMANY (72)Name of Inventor:  1)PADE, WOLFGANG  2)REHBEIN, PETER
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present subject matter describes an electric contact (1) for plug connections, in particular for directly contacting contact surfaces (2) of a printed circuit board (3). The electric contact includes a contact housing (4) that has a primary lance (6), which protrudes outwardly beyond a contact housing (4) counter to an insertion direction (5) and can be deflected inwardly, for retaining the contact (1) inserted into a contact chamber of a mating connector. The primary lance (6) has a free lance end (8) that is offset inwardly in relation to a lance section (7) thereof protruding outwardly and that extends counter to the insertion direction (5). A housing stop (9) of the contact housing (4) extends over the free lance end (8).

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

## (54) Title of the invention : ARRANGEMENT AND METHOD FOR SEALING OFF A JOINT AREA BETWEEN A FIRST JOINT PARTNER AND A SECOND JOINT PARTNER

(51) International classification	:B60T 11/236	(71)Name of Applicant:
(31) Priority Document No	:10 2009 047 706.3	1)ROBERT BOSCH GMBH
(32) Priority Date	:09/12/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY
(86) International Application No	:PCT/EP2010/068166	(72)Name of Inventor:
Filing Date	:25/11/2010	1)RUCKH, MARTIN
(87) International Publication No	:WO 2011/069827	2)HIERLEMANN, BERND
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		1

#### (57) Abstract:

The present subject matter relates to an arrangement (10) for sealing off a joint area (1) between a first joint partner (20, 200) and a second joint partner (30, 300) by means of at least one elastic sealing element (18, 180) disposed between a first sealing surface (12.1) of the first joint partner (20, 200) and a second sealing surface (12.2) of the second joint partner (30, 300), and to a method for sealing off a joint area (1) between a first joint partner (20, 200) and a second joint partner (30, 300). At least one reservoir (14) for an anti-corrosion agent (16) is introduced in a sealing zone (11) of the first sealing surface (12.1) and/or the second sealing surface (12.2). Further, the sealing element (18, 180) encloses the at least one reservoir (14) together with the first sealing surface (12.1) and/or the second sealing surface (12.2).

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

(22) Date of filing of Application :08/01/2015 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: MULTICOMPONENT GEAR

(51) International classification	:F25J3/04	(71)Name of Applicant:
(21) Dai anita Da arras at Na	:14 152	1)IMS GEAR GMBH
(31) Priority Document No	297.9	Address of Applicant :Heinrich-Hertz-Str. 16, 78166
(32) Priority Date	:23/01/2014	Donaueschingen, Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)OBERLE Stephan
Filing Date	:NA	2)BERNHARD Markus
(87) International Publication No	: NA	3)SEIDEL Manuel
(61) Patent of Addition to Application Number	:NA	4)KUTSCHER Christian
Filing Date	:NA	5)STOPPEL Eugen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a multicomponent gear having an outer part (20) with a toothed rim (22), an inner part (30), and a connecting part (40) made of plastic for the positive locking conliection 5 of the inner part (30) and the outer part (20). The outer part (20) is thereby arranged on an outer circumferential surface (45) and the inner part (30) is arranged on an inner circumferential surface (44) of the connecting part (40). The connecting part (40) is additionally provided with a plurality of indentations (48, 49) on two opposite primary surfaces (46, 47) lying outside and perpendicular to a rotational axis (12). The invention is thereby characterized in that the 10 indentations (48) in the first primary surface (46) of the connecting part (40) are, in comparison to the indentations (49) in the second primary surface (47) of the connecting part (40), arranged offset to each other radially andlor in the circumferential direction to the rotational axis (12).

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

(21) Application No.9598/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

### (54) Title of the invention: CONCRETE ROLLER HEAD

(51) International classification	:B28B21/26,B28B21/24	(71)Name of Applicant:
(31) Priority Document No	:61/646592	1)HAWKEYE CONCRETE PRODUCTS CO.
(32) Priority Date	:14/05/2012	Address of Applicant :506 S. Wapello Street, Mediapolis,
(33) Name of priority country	:U.S.A.	Iowa 52637 U.S.A.
(86) International Application No	:PCT/US2013/037704	2)SUBACCHI Claudio
Filing Date	:23/04/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/173030	1)SUBACCHI, Claudio
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The extruder head assembly comprises of a drive shaft connected to a troweling cylinder. A plurality of rollers are spaced around the drive shaft and above the troweling cylinder and intermittently contact an inside surface as the troweling cylinder is rotated and pulled upward. The rollers are either elliptically shaped or round positioned on an eccentric axis for intermittent contact against an inside surface of the concrete pipe. The rollers compact the concrete mixture to form the outer surface and the troweling cylinder follows the compaction by smoothing the surface. The troweling cylinder comprises a plurality of removable sections. Each section is composed of a plurality of removable and replaceable tile segments. When a tile segment breaks, the section containing the broken tile segment can be removed so that the broken tile segment can be replaced.

No. of Pages: 22 No. of Claims: 19

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : DERIVATIVES OF PURINE OR DEAZAPURINE USEFUL FOR THE TREATMENT OF (INTER ALIA) VIRAL INFECTIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:C07D 473/16 :61/254,103 :22/10/2009 :U.S.A. :PCT/US2010/052802 :15/10/2010 :WO 2011/049825 :NA :NA	(71)Name of Applicant:  1)GILEAD SCIENCES, INC.  Address of Applicant: 333 LAKESIDE DRIVE, FOSTER CITY, CALIFORNIA 94404, UNITED STATES OF AMERICA (72)Name of Inventor:  1)HALCOMB, RANDALL, L. 2)ROETHLE, PAUL, A.
(61) Patent of Addition to Application Number	:NA	Z)KODTIIDD, TAOD, AL
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present application includes novel modulators of TLRs, compositions containing such compounds, therapeutic methods that include the administration of such compounds.

No. of Pages: 118 No. of Claims: 21

(21) Application No.9585/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: REDUCTION OF FORMATION OF AMIDATED AMINO ACIDS IN CELL LINES FOR PROTEIN **EXPRESSION**

(51) International classification (31) Priority Document No :12164264.9 (32) Priority Date :16/04/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/057866 Filing Date :16/04/2013 :WO 2013/156458

(87) International Publication No

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

:C12N15/113,C12P21/00 (71)Name of Applicant :

1)LEK PHARMACEUTICALS D.D.

Address of Applicant : Verovskova 57, 1526 Ljubljana

Slovenia

(72) Name of Inventor: 1)Å KULJ, Mihaela

2) GASER, Dominik

#### (57) Abstract:

The present invention is related to a method to reduce peptide amidation activity in a given cell line, cell lines with reduced peptide amidation activity, and uses thereof.

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

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CONNECTOR FOR ELECTRICALLY CONNECTING TWO PANELS HAVING SWITCHGEAR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:12165023.8 :20/04/2012 :EPO :PCT/EP2013/058252 :22/04/2013 :WO 2013/156629 :NA	(71)Name of Applicant:  1)EATON INDUSTRIES (NETHERLANDS) B.V. Address of Applicant: Europalaan 202, NL -7559, SC Hengelo Netherlands (72)Name of Inventor: 1)HEILERSIG, Dinant 2)VAN DIJK, Marcel
(61) Patent of Addition to Application	:NA :NA :NA :NA	

#### (57) Abstract:

The invention relates to a connector (1) for electrically connecting two panels having switchgear, which connector comprises: two cups (2, 3) having a truncated cone shape for arrangement in a panel, the cups each having a conductor end extending through the tip of the cone and into the cup; an insulating body (10) having two opposite truncated cone shaped outer surfaces (12, 13) each for reception in one of the cups and having a central passage; an electrically conducting element (11) for connecting with the conductor ends extending in the central passage of the insulating body; wherein the insulating body (10) is a moulded body having an earth wire (16) moulded in; and wherein a coating of an electrical conducting layer is arranged on the earth wire and at least part of the insulating body.

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

(21) Application No.9588/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: 802.1AQ SUPPORT OVER IETF EVPN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04L12/46 :61/645431 :10/05/2012 :U.S.A. :PCT/IB2013/053456 :02/05/2013 :WO 2013/168054 :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)ALLAN, David, Ian
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method is implemented in a multiprotocol label swapping (MPLS) edge switch (PE) for interworking the 802.1aq control plane with an Ethernet Virtual Private Network (EVPN) Border Gateway Protocol (BGP) control plane. The method and system elect designated forwarders (DFs) for a given Backbone- Virtual Local Area Network Identifier (B- VID) in a local Provider Backbone Bridged Network (PBBN) and thereby determine which PE uniquely transfers specific I- Component Source Identifier (I- SID) and Media Access Control (MAC) information for the B- VID from an Intermediate System- Intermediate System (IS- IS) database into a BGP database and transfers I- SID and MAC information in the BGP database into the IS IS database of the PE.

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

(21) Application No.9589/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

:NA

:NA

### (54) Title of the invention: METHOD AND SYSTEM TO ENABLE RE ROUTING FOR HOME NETWORKS UPON CONNECTIVITY FAILURE

:H04L12/54,H04W88/10 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/533457 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant: S -164 83 Stockholm Sweden :26/06/2012 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/IB2013/055183 1)HADDAD .Wassim Filing Date :24/06/2013 2) HALPERN, Joel (87) International Publication No :WO 2014/001997 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number

#### (57) Abstract:

Filing Date

A method implemented by a Broadband Network Gateway (BNG) of an Internet service provider to provide accessibility to a wide area network for a Residential Gateway (RG) upon a failure of a wireline connectivity between the BNG and the RG the method including receiving a failure detect message indicating a connectivity failure at the BNG from the RG deciding whether to re-route traffic by the BNG, sending a failure acknowledge message by the BNG to the RG, notifying the RG that re routing has been initiated, sending a traffic re-route request message by the BNG to a Packet Data Network Gateway (PDN GW) of a Long -Term Evolution (LTE) network requesting the PDN GW to re-route traffic receiving a traffic re route acknowledgement by the BNG from the PDN GW, and re-routing traffic between the RG and the BNG through the PDN GW by the BNG.

No. of Pages: 49 No. of Claims: 28

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: INHIBITORS OF BRUTON'S TYROSINE KINASE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61K :61/250,787 :12/10/2009	(71)Name of Applicant:  1)PHARMACYCLICS, INC.  Address of Applicant: 995 EAST ARQUES AVENUE,
(33) Name of priority country	:U.S.A.	SUNNYVALE, CALIFORNIA 94085 (US) U.S.A.
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:12/10/2010 :NA :NA :NA	<ul> <li>(72)Name of Inventor:</li> <li>1)CHEN, WEI.</li> <li>2)LOURY, DAVID J.</li> <li>3)MODY, TARAK D.</li> <li>4)VERNER, ERIK</li> <li>5)SMYTH, MARK STEPHEN.</li> </ul>
(62) Divisional to Application Number Filing Date	:NA :NA	6)LUO, WENCHEN.

### (57) Abstract:

Described herein are kinase inhibitor compounds, methods for synthesizing such inhibitors, and methods for using such inhibitors in the treatment of diseases. Further described herein are methods, assays and systems for determining an appropriate inhibitor of a protein, including a kinase.

No. of Pages: 159 No. of Claims: 107

(21) Application No.3013/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: 'JOINT BUILDING SYSTEM FOR BOX STRUCTURES'

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:E06B :NA :NA :NA :PCT/IT2009/000410 :15/09/2009 :WO 2011/033534 :NA :NA	(71)Name of Applicant:  1)GIUSEPPE, MASCI Address of Applicant: VIA LUIGI LABLACHE 42, I-00139 ROME (RM), ITALY (72)Name of Inventor:  1)GIUSEPPE, MASCI
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention solves a problem of building geometry in a system to assemble and shut exclusively by jointing the six walls of a box parallelepiped built up with at least seven plates, so: the plates are divided in a first group of six, named primary, each one provided with a couple of grooves, and in a second group of the remaining plates, named secondary, not necessarily grooved; the walls of the structure are divided in two types: single walls, composed by only one primary plate: multiple walls, composed by one primary plate and at least one secondary plate: - the structure, which must have at least one multiple wall, is assembled and shut jointing together first the six primary plates and then introducing at least one of the secondary plates. The system is suitable to build countless artefacts.

No. of Pages: 28 No. of Claims: 16

(21) Application No.6090/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/07/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: SACRAL PAD FOR A MEDICAL TABLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61F5/00 :61/590943 :26/01/2012 :U.S.A. :PCT/US2013/023193 :25/01/2013 :WO 2013/112870 :NA :NA	(71)Name of Applicant:  1)AMERICAN STERILIZER COMPANY Address of Applicant:5960 Heisley Road Mentor OH 44060 U.S.A. (72)Name of Inventor: 1)BELLOWS Lance Clark 2)MOSS Bernard J. 3)LABEDZ Christopher D.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A sacral support for a surgical table comprising a plate having two spaced apart openings formed therein. The openings are aligned along an axis of the plate and disposed adjacent one end of the plate. A pad is attached to the plate. The pad is dimensioned such that the openings in the plate are exposed. A positioning post is attachable to the plate. The post has a lower end dimensioned to be received in the openings in plate wherein the post is mountable in the plate in one of two different positions.

No. of Pages: 43 No. of Claims: 6

(21) Application No.9600/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHODS OF PREPARING PARA XYLENE FROM BIOMASS

(51) International classification (31) Priority Document No	:61/636326	1)THE COCA- COLA COMPANY
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:20/04/2012 :U.S.A.	Address of Applicant :One Coca Cola Plaza, NW, Atlanta, GA 30313 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/037546 :22/04/2013 :WO 2013/159081	(72)Name of Inventor: 1)PRAKASH, Indra 2)CHATURVEDULA, Venkata Sai Prakash 3)KRIEGEL, Robert M. 4)HUANG, Xiaoyan Huang
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Methods or preparing para-xylene from biomass by carrying out a Diels -Alder cycloaddition at controlled temperatures and activity ratios. Methods of preparing bio - terephthalic acid and bio -poly(ethylene terephthalate (bio- PET) are also disclosed , as well as products formed from bio -PET.

No. of Pages: 33 No. of Claims: 14

(21) Application No.9601/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

### (54) Title of the invention: SUNROOF DEVICE

(51) International classification	:B60J7/02	(71)Name of Applicant:
(31) Priority Document No	:2012116602	1)AISIN SEIKI KABUSHIKI KAISHA
(32) Priority Date	:22/05/2012	Address of Applicant :1, Asahi- machi 2 -chome ,Kariya- shi,
(33) Name of priority country	:Japan	Aichi 4488650 Japan
(86) International Application No	:PCT/JP2013/063411	(72)Name of Inventor:
Filing Date	:14/05/2013	1)NAGASHIMA Yoji
(87) International Publication No	:WO 2013/176001	2)KOKUBO Yusuke
(61) Patent of Addition to Application	:NA	3)HIRAMATSU Shinichi
Number	:NA	4)IDE Yoshitaka
Filing Date	.IVA	5)KAWAMURA Kazushige
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A sunroof device comprising: a drive cable having drive side gear sections arranged in a line in the longitudinal direction thereof and being driven to move in the vehicle front rear direction along a guide rail; and a sliding member that controls the posture of a functional bracket together with a movable panel in conjunction with movement in the vehicle front rear direction. The sunroof device also comprises: a driven- side gear section formed in the sliding member, that meshes with the drive- side gear sections and restricts relative movement of the drive cable and the sliding member, in the vehicle front rear direction; and a mounting section formed on the guide rail, to which are mounted the sliding member and the drive cable which has the drive -side gear sections and the driven- side gear section in the meshed state and which holds these in the vehicle width direction and the vehicle height direction.

No. of Pages: 51 No. of Claims: 9

(21) Application No.9591/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: THE SYSTEM AND THE METHODS FOR TRANSMITTING ELECTROMAGNETIC SIGNALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:24/04/2013 :WO 2013/176817 :NA :NA :NA	(71)Name of Applicant:  1)MACRAE, Nigel, Lain Stuart Address of Applicant: 4709 Compass Bow Lane, Las Vegas, NV 89130 U.S.A. (72)Name of Inventor: 1)MACRAE, Nigel, Lain Stuart
Filing Date	:NA :NA	

#### (57) Abstract:

A method and system for transmitting electromagnetic signals are provided. Data signals including a first data signal conveying first data, a second data signal conveying second data, and a third data signal conveying third data are provided. One or more transmitting devices transmit the first data signal and an inverse of the first data signal in two orthogonal linear polarities of an antenna maintaining their inverted phase relationship as propagated. Transmitting devices also transmit the second data signal in a linear polarity with a 45 degree rotation around a transmit axis of the first data signal. Transmitting devices also transmit the third data signal in a linear polarity orthogonally from the second data signal and consequently +45 degrees from the first data signals. One or more receiving stations receive the transmitted first data signal, the inverse of the first data signal, the second data signal and the third data signal.

No. of Pages: 40 No. of Claims: 16

(21) Application No.9592/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention : METHOD AND APPARATUS FOR SINGLE POINT OF FAILURE ELIMINATION FOR CLOUD BASED APPLICATIONS

:G06F11/14,G06F11/20 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ALCATEL LUCENT :13/487506 (32) Priority Date Address of Applicant :3, avenue Octave Greard, F-75007 :04/06/2012 (33) Name of priority country France :U.S.A. (86) International Application No :PCT/US2013/041042 (72) Name of Inventor: Filing Date :15/05/2013 1)BAUER, Eric J. (87) International Publication No :WO 2013/184309 2) ADAMS, Randee S. (61) Patent of Addition to Application 3)CLOUGHERTY, Mark :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Various embodiments provide a method and apparatus of providing SPOF elimination for cloud- based applications that provides rules that support rapid elasticity, infrastructure maintenance such as ,for example, software/firmware/hardware upgrades, updates, retrofit, and growth, and preventative maintenance such as , for example, cleaning fan filters and replacing failed hardware components. In particular, the SPOF elimination provided by the method and apparatus is based on network architecture and persistent storage considerations in addition to VM to host instance mappings.

No. of Pages: 37 No. of Claims: 10

(21) Application No.9594/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

#### (54) Title of the invention: OPHTHALMOLOGICAL VEHICLE SYSTEM

(51) International :A61K31/202,A61K9/00,A61K9/06

classification

(31) Priority Document No :12168139.9 (32) Priority Date :15/05/2012 (33) Name of priority country: EPO

(86) International Application

:PCT/EP2013/059927

:14/05/2013 Filing Date

(87) International Publication :WO 2013/171204

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)F. HOLZER GMBH

Address of Applicant: Pfarrer-Lauer-Strasse 37, 66386 St.

**Ingbert Germany** 

(72) Name of Inventor: 1)STEINFELD, Ute

2)HOLZER, Frank 3)LEE, Hyeck Hee

4)MAHLER, Markus

## (57) Abstract:

The present invention relates to an ophthalmological vehicle system for permeation and/or active substance transport of ophthalmological active substances through the cornea and/or the sclera of the eye of a mammal. This vehicle system promotes the transport of active substances through the cornea and/or the connective tissue of the eye. The vehicle system is suitable for prophylaxis and/or treatment of illness of the front and/or rear portion of the eye. The present invention also relates to an ophthalmological kit comprising a special ophthalmological composition and an ophthalmological active substance as a separate formulation. The invention further relates to the use of a special ophthalmological composition as a vehicle system, penetration accelerator ,penetration enhancer , absorption enhancer/improver/accelerator for the permeation and/or for the active substance transport of ophthalmological active ingredients through the cornea and/or the sclera of the eye of a mammal. The invention further relates to a fluid dispenser which contains an ophthalmological vehicle system according to the invention.

No. of Pages: 78 No. of Claims: 18

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: REGENERATIVE RECOVERY OF CONTAMINANTS FROM EFFLUENT GASES

(51) International classification	:B01D53/50,B01D53/96	(71)Name of Applicant :
(31) Priority Document No	:61/641833	1)MECS, INC.
(32) Priority Date	:02/05/2012	Address of Applicant :Corporate Pointe, 14522 South Outer
(33) Name of priority country	:U.S.A.	Forty Road ,Suite 100, Saint Louis, MO 63017 U.S.A.
(86) International Application No	:PCT/US2013/039293	(72)Name of Inventor:
Filing Date	:02/05/2013	1)VERA- CASTANEDA, Ernesto
(87) International Publication No	:WO 2013/166301	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to processes for the selective removal of contaminants from effluent gases. More particularly various embodiments of the present invention relate to selective removal and recovery of sulfur dioxide from effluent gases in a regenerative sulfur dioxide absorption/desorption process that achieves favorable energy efficiency. Energy is recovered from a wet stripper overhead gas stream produced in the desorption cycle by indirect transfer of heat from the stripper gas to a cooling medium and used to generate steam for use in stripping contaminants from the absorption liquor. The absorption zone may optionally be cooled to enhance the capacity of the absorption medium for absorption of a contaminant gas , thereby lowering the volume of absorption medium and contaminant -enriched absorption liquor that must be pumped ,handled, heated and cooled in the absorption/desorption cycle.

No. of Pages: 68 No. of Claims: 64

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

## (54) Title of the invention : METHOD AND SYSTEM FOR AUTHORIZING THE CHARGING OF AN ELECTRIC VEHICLE'S BATTERIES BASED ON BIOMETRIC IDENTITY INFORMATION

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (36) International Application No Filing Date (37) Name of Applicant: 1)GENERAL ELECTRIC of Address of Applicant: 1 RIV NEW YORK 12345, U.S.A. (72) Name of Inventor: 1)BOOT, JOHN CHRISTO 2)REE, BRADLEY RICHA (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (71) Name of Applicant: 1)GENERAL ELECTRIC of Address of Applicant: 1 NEW YORK 12345, U.S.A. (72) Name of Inventor: 1 NEW YORK 12345, U.S.A. (72) Name of Inventor: 1 NA 1 NEW YORK 12345, U.S.A. (72) Name of Applicant: 1 NEW YORK 12345, U.S.A. (72) Name of Inventor: 1 NA 2 NA 3 NALEXANDER, GEORGI 1 NA 1 NA 1 NA 1 NEW YORK 12345, U.S.A. 1 NE	VER ROAD, SCHENECTADY,  OPHER  ARD
--	------------------------------------

#### (57) Abstract:

Embodiments of the invention described herein use biometric information for authorizing charging an electric vehicles (EVs) (102) batteries using an electric vehicle charging station (EVCS) (104, 202). In one aspect, a method of authorizing charging an EVs (102) batteries using an EVCS (104, 202) is described. This embodiment of a method comprises storing, in a database, biometric identity information for one or more individuals; receiving, from a biometric information input device (108, 402) associated with an electric vehicle charging station (EVCS) (104, 202), input biometric identity information for a user (106); searching the database, using a processor (404, 603), for biometric identity information for the one or more individuals that substantially match the input biometric identity information for the user (106); and authorizing the user (106) to charge an electric vehicles (EVs) (102) batteries using the EVCS (104, 202) if the input biometric identity information for the user (106) substantially matches biometric identity information for at least one of the one or more individuals in the database.

No. of Pages: 39 No. of Claims: 10

(22) Date of filing of Application :09/04/2012 (4)

(43) Publication Date: 31/07/2015

## (54) Title of the invention: ADJUSTMENT OF MEMORY WRITE TIMING BASED ON ERROR DETECTION TECHNIQUES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:09/09/2010 :WO 201/031847 :NA :NA	(71)Name of Applicant:  1)ADVANCED MICRO DEVICES, INC. Address of Applicant: ONE AMD PLACE, SUNNYVALE, CA 94088, UNITED STATES OF AMERICA (72)Name of Inventor: 1)NYGREN, AARON, J. 2)LEE, MING-JU, E. 3)BARAKAT, SHADI, M. 4)XU, XIAOLING 5)PHAM TOAN, D. 6)KRUGER, WARREN, FRITZ
Filing Date	:NA	

#### (57) Abstract:

A method, system, and computer program product are provided for adjusting write timing in a memory device based on results of an error detection function. For instance, the method can include determining a write timing window between a signal on a data bus and a write clock signal based on the results of the error detection function. The method can also include adjusting a phase difference between the signal on the data bus and the write clock signal based on the write timing window. The memory device can recover data on the data bus based on the adjusted phase difference.

No. of Pages: 62 No. of Claims: 34

(22) Date of filing of Application :09/10/2012

(43) Publication Date: 31/07/2015

## (54) Title of the invention : AN APPARATUS AND A PROCESS FOR THE CONTINUOUS PRODUCTION OF SHAPED ACTIVATED CARBON

		(71)Name of Applicant:
(51) International classification	:B68F	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(31) Priority Document No	:NA	DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, ROOM
(33) Name of priority country	:NA	NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW
(86) International Application No	:NA	DELHI-110011 (INDIA)
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAI, MAKIREDDI
(61) Patent of Addition to Application Number	:NA	2)SADHUKHA, DEEPANKAR
Filing Date	:NA	3)VISWAKARMA, ARUNANCHAL
(62) Divisional to Application Number	:NA	4)VARGHESE, FRANNCIS V.
Filing Date	:NA	5)SATHE, MANISHA
-		6)KAUSHIK, MAHABIR PARSHAD

### (57) Abstract:

Disclosed is an apparatus for continuous production of shaped activated carbon, the apparatus comprising: a processing chamber having a plurality of electric heaters, at least one driving motor adapted to drive a travelling grate net; a plurality of gas inlet pipes coupled to the processing chamber for introducing gases into the processing chamber, the processing chamber having an upstream end and a downstream end; the chamber being divided into four temperature zones, namely a drying zone, a carbonization zone, an activation zone, and a cooling zone, respectively enveloping the travelling grate net from the upstream end to the downstream end; the heaters being arranged to provide pre-determined temperature range in each zone; a feeding bin for feeding a co-polymeric bead based raw material onto the travelling grate net at the upstream end at least one gas vent pipe for discharging, gases from the processing chamber; a gas recirculation pipe coupled to the processing chamber for recirculation of at least one of the introduced gases in the processing chamber; and a discharge pipe coupled to the processing chamber for purging out the produced shaped activated carbon.

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

(21) Application No.9608/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: WELLBORE SCREENS AND METHODS OF USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:E21B43/08,E21B43/10 :NA :NA :NA :NA :PCT/US2012/041529 :08/06/2012 :WO 2013/184123 :NA :NA :NA	(71)Name of Applicant:  1)HALLIBURTON ENERGY SERVICES INC.  Address of Applicant:10200 Bellaire Boulevard, Houston, TX  77072 U.S.A.  (72)Name of Inventor:  1)CUNNINGHAM, Scott  2)LOPEZ, Jean-marc  3)GRECI, Stephen, Michael
--	---	---

#### (57) Abstract:

This invention relates to wellbore equipment utilized in conjunction with operations performed in subterranean wells and in particular , sand control screen assemblies providing secondary flow capabilities. Once sand control screen assembly includes a base pipe having an exterior surface and defining one or more perforations therein, a screen jacket disposed about the exterior surface of the base pipe and having a primary screen axially adjacent a secondary screen , and at least one relief valve configured to open upon experiencing a predetermined fluid pressure, wherein ,, once opened, the at least one relief valve diverts fluid flow from the primary screen and provides the fluid flow to the secondary screen.

No. of Pages: 31 No. of Claims: 30

(21) Application No.9609/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: PRINTHEAD CONTROL

(51) International classification :B41J2/15,B41J2/155,B41 (31) Priority Document No :12169098.6

(32) Priority Date :23/05/2012 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/063494

Filing Date :27/06/2013
(87) International Publication No :WO 2013/175024

(61) Patent of Addition to :NA

Application Number
Filing Date

((2) Divisional to Application

(62) Divisional to Application
Number

Filing Date
:NA
:NA

:B41J2/15,B41J2/155,B41J2/06 (71)Name of Applicant :

1)TONEJET LIMITED

Address of Applicant :Melbourn Science Park, Cambridge Road, Melbourn, Royston Hertfordshire SG8 6EE U.K.

(72)Name of Inventor:

1)CLIPPINGDALE, Andrew, John

2)BACON Robin ,Timothy

#### (57) Abstract:

A method of printing a two -dimensional bit mapped image having a number of pixels per row for printing is disclosed. The method and apparatus use either a plurality of overlapping printheads (300) or a print head or plurality of printheads indexed through overlapping positions. The or each printhead has a row of ejection channels (301), each of which has associated ejection electrodes to which a voltage is applied to cause particulate concentrations to be formed from within a body of printing fluid. In order to cause volumes of charged particulate concentrations of one of a number of predetermined volume sizes to be ejected as printed droplets from selected ejection channels of the overlapping printheads voltage pulses ,(VE) of respective predetermined amplitude, and duration as determined by respective image pixel bit values , are applied to the electrodes of the selected ejection channels. For each row of the image, the values of the voltage pulses to be applied to the overlapping print heads to form pixels printed by overlapped ejection channels are adjusted in dependence on the position of the pixel within an overlapped region of the print heads and in dependence on the predetermined volume size of the pixel.

No. of Pages: 31 No. of Claims: 21

(21) Application No.9610/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: PYRIMIDINE COMPOUNDS FOR THE TREATMENT OF CANCER

(51) International :C07D239/32,C07D401/12,A61K31/505

classification

(31) Priority Document

:61/650000

(32) Priority Date :22/05/2012 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2013/042033

Application No :21/05/2013 Filing Date

(87) International :WO 2013/177168 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)THE UNIVERSITY OF NORTH CAROLINA AT

CHAPEL HILL

Address of Applicant :308 Bynum Hall, Campus Box 4105

Chapel Hill, North Carolina 27599 -4105 U.S.A.

(72) Name of Inventor:

1)WANG, Xiaodong

2) ZHANG, Weihe

3)KIREEV, Dmitri 4)ZHANG, Dehui

5)MCIVER, Andrew

(57) Abstract:

Described are compounds of Formula I or Formula II: wherein: ring A is a 5 - or 6- membered heteroaryl group; dashed lines are optional double bonds; X is N or O; Y is a carbon atom or an S or N heteroatom in ring A in any suitable location; and substituents are as given herein. Compositions containing the same and methods of using the same in treating cancers such as acute lymphoblastic leukemia are also described.

No. of Pages: 93 No. of Claims: 20

(21) Application No.9611/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HEAD MOUNTED DISPLAY WITH AN EYEBALL TRACKER INTEGRATED SYSTEM

(51) International classification: G02B27/00,F21V8/00,G02B27/01 (71) Name of Applicant: (31) Priority Document No 1)LUMUS LTD. :219907 (32) Priority Date :21/05/2012 Address of Applicant: 2 Bergman Street, 76705 Rehovot Israel (33) Name of priority country: Israel (72)Name of Inventor: 1)AMITAI, Yaakov (86) International Application :PCT/IL2013/050428 No :19/05/2013 Filing Date (87) International Publication :WO 2013/175465 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract:

Head- mounted display with an eye- tracking system and including a light transmitting substrate (20) having two major surfaces and edges, optical means for coupling light into said substrate (20) by total internal reflection, partially -reflecting surfaces (22a-22c) carried by the substrate (20) that are not parallel with the major surfaces of the substrate (20), a near- infrared light source (78) and a display source (92) projecting within the photopic spectrum, wherein light from the light source (78) and light from the display source (92) are coupled into the substrate (20) by total internal reflection.

No. of Pages: 34 No. of Claims: 30

(21) Application No.9612/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MULTI TENANT SYSTEM SWITCH CONTROLLER AND PACKET TRANSFER METHOD

(51) International :H04L12/717,H04L12/70,H04L12/749

(31) Priority Document No :2012111881 (32) Priority Date :15/05/2012

(33) Name of priority :Japan

country

(86) International :PCT/JP2013/063603

Application No
Filing Date

115/05/2013

(87) International

Publication No :WO 2013/172391

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

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

(71)Name of Applicant: 1)NEC CORPORATION

Address of Applicant: 7-1, Shiba 5-chome, Minato-ku

Tokyo 1088001 Japan (72)Name of Inventor:
1)KAWAI Ryosuke

## (57) Abstract:

A multi- tenant system according to the present invention is implemented by tunneling protocol. This multi tenant system includes a server device in which a VM having tenant identification information runs, a unit that cannot recognize the tenant identification information, a plurality of switches that transfer packets on the basis of flow entries and a controller that specifies the flow entries, in the switches. The plurality of switches include a first switch connected to the server device and a second switch connected to the unit that cannot recognize the tenant identification information. The second switch rewrites the headers of packets sent and received to and from the unit that cannot recognize the tenant identification information on the basis of an address conversion table. As a result, the unit that cannot recognize the tenant identification information can be used.

No. of Pages: 50 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :10/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HIGH DENSITY POLYETHYLENE BLEND FILMS

(51) International classification	:C08F	(71)Name of Applicant:
(31) Priority Document No	:13/100,250	1)CURWOOD, INC.
(32) Priority Date	:03/05/2011	Address of Applicant :2200 BADGER AVENUE,
(33) Name of priority country	:U.S.A.	OSHKOSH, WISCONSIN 54904, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NELSON KEVIN PHILIP
(87) International Publication No	:NA	2)BARR CURTIS RANDOLPH
(61) Patent of Addition to Application Number	:NA	3)GLASER KEVIN DAVID
Filing Date	:NA	4)MENGEL MATTHEW LEROY
(62) Divisional to Application Number	:NA	5)OSBORN CHRISTOPHER LYNN
Filing Date	:NA	

### (57) Abstract:

A polymer blend comprising high density polyethylene, hydrocarbon resin and nucleating agent; non-oriented film layers and non-oriented films comprising the blend; and packaging articles comprising the non-oriented film are provided. The non-oriented film has normalized moisture vapor transmission rate of no greater than 0.30 g-mil/100 in2/day measured at about 100 °F and 90 % external relative humidity. The polymer blend comprises from about 69% by weight to about 90% by weight high density polyethylene, wherein the high density polyethylene has a melt index of at least 1.0 g/10 min and a density greater than 0.958 g/cc; from about 5% by weight to about 30% by weight hydrocarbon resin; and from about 0.01% by weight to about 1% by weight nucleating agent.

No. of Pages: 91 No. of Claims: 37

(19) INDIA

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PROCESS FOR MULTI METAL SEPARATION FROM RAW MATERIALS AND SYSTEM FOR USE ullet

(51) International classification	:C11D 1/72	(71)Name of Applicant:
(31) Priority Document No	:61/236,335	1)METAL TECH LTD.
(32) Priority Date	:24/08/2009	Address of Applicant :Ramat Hovav P.O.Box 2412 84874
(33) Name of priority country	:U.S.A.	Beer Sheva Israel
(86) International Application No	:PCT/IL2010/000690	(72)Name of Inventor:
Filing Date	:24/08/2010	1)ROSENBERG Aik
(87) International Publication No	: NA	2)TARAKANOV Boris
(61) Patent of Addition to Application	.NIA	3)GUSAKOV Sergey
Number	:NA	4)ANTONIR Igal
Filing Date	:NA	5)ROGOV Alexander
(62) Divisional to Application Number	:NA	6)NOACH Rami
Filing Date	:NA	7)JICHOR Ivgeny

### (57) Abstract:

An improved process for the separation of different metal values from raw materials and an apparatus for carrying out such processes are disclosed.

No. of Pages: 38 No. of Claims: 17

(21) Application No.9614/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ELECTRICAL FITTINGS WITH INTEGRAL COVER PLATE AND METHOD OF USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:29/04/2013 :WO 2013/165885 :NA :NA	(71)Name of Applicant: 1)MOSS J. Address of Applicant:3037 Bloxely Ct., Roswell, GA 30075 U.S.A. (72)Name of Inventor: 1)MOSS, J.
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

An electrical fitting that comprises an integral cover plate and an electrical component such as an outlet or a switch the combined electrical component/cover plate being secured via screws through the cover plate into a wall box. Wires are secured to power wires coming from the wall box via quick- connectors or wirenuts.

No. of Pages: 16 No. of Claims: 19

(21) Application No.9615/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: ARRANGEMENT FOR PROVIDING VEHICLES WITH ENERGY COMPRISING MAGNETIZABLE **MATERIAL**

(51) International :H01F38/14,H01F27/36,H01Q17/00

classification

(31) Priority Document No :1208508.0 (32) Priority Date :14/05/2012

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

(86) International Application :PCT/EP2013/059952

No :14/05/2013 Filing Date

(87) International Publication: WO 2013/171220

(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)BOMBARDIER TRANSPORTATION GMBH

Address of Applicant: Schneberger Ufer 1, 10785 Berlin

Germany

(72) Name of Inventor: 1)CZAINSKI, Robert

### (57) Abstract:

The invention relates to an arrangement for providing vehicles with energy by magnetic induction wherein the arrangement comprises: a primary side electric conductor arrangement (26) adapted to generate an electromagnetic field while an alternating electric current flows through the conductor arrangement (26) and - a field shaping layer (1e, 1f) comprising magnetizable material adapted to shape magnetic field lines of the electromagnetic field. The field shaping layer (1e, 1f) comprises a plurality of elements (1e, 1f, 1g, 1h) made of the magnetizable material wherein neighbouring elements (1a, 1b; 1a, 1c) are positioned at a distance (gaps 2) to each other.

No. of Pages: 21 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: LUBRICANT COATING AND MEDICAL INJECTION DEVICE COMPRISING SUCH A COATING

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C10M107/50,A61M5/31,C10N30/06 :12305592.3 :29/05/2012	(71)Name of Applicant:  1)BECTON DICKINSON FRANCE  Address of Applicant:11, Rue Aristide Berges, F- 38800 Le Pont de Claix France
(33) Name of priority country	:EPO	(72)Name of Inventor : 1)FOUCHER, Cdric
(86) International Application No Filing Date	:PCT/EP2013/061007 :29/05/2013	2)SANTUCCI -ARIBERT, Virginie
(87) International Publication No	:WO 2013/178647	
(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 lubricant coating (5) for a medical injection device (1), comprising successively: a bottom layer (50) in contact with the medical device surface (21) of the container to be lubricated comprising a mixture of cross-linked and non-cross-linked poly-(dimethylsiloxane),- an intermediate layer (51) consisting essentially of oxidized poly (dimethylsiloxane) and having a thickness comprised between 10 and 30 nm and ,- a top layer (52) consisting essentially of non cross linked poly (dimethylsiloxane) and having a thickness of at most 2 nm. The invention also relates to a medical injection device comprising such a lubricant coating, and a manufacturing process for said coating.

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

(21) Application No.9617/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SILVER MOTOR STATOR FOR IMPLANTABLE BLOOD PUMP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:10/05/2013 :WO 2013/170179 :NA :NA	(71)Name of Applicant:  1)HEARTWARE, INC.  Address of Applicant: 14000 NW 57th Court, Miami Lakes, FL 33014 U.S.A.  (72)Name of Inventor:  1)LAROSE, Jeffrey A.
Filing Date	:NA	

#### (57) Abstract:

In one embodiment of the present invention, an implantable blood pump includes a housing defining a flow path, a rotor positioned within the flow path and a motor including a stator, positioned outside of said housing, the stator including a length of silver wire, wherein the silver wire is not positioned within a hermetically sealed compartment once the blood pump is ready for implantation into a patient in need thereof. The present invention may also include a method of implanting the implantable blood pump including the step of implanting the blood pump within the patient and within or adjacent to the vasculature.

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

(21) Application No.3005/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : REMOVABLE PROTECTIVE TOPCOAT FOR ARTIFICIAL NAIL COATINGS AND METHODS THEREFORE

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date (31) Priority Document No (22) F73,640 (25) F73,640 (25) F74,02009 (20) F74,02009	<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:05/10/2009 :U.S.A. :PCT/US2010/047169 :30/08/2010 :WO 2011/043879 :NA :NA	Address of Applicant :1125 JOSHUA WAY, VISTA, CALIFORNIA 92081, U.S.A. (72)Name of Inventor:  1)VU, THONG, H.
---	--	--	---

### (57) Abstract:

The present disclosure relates generally to compositions for nail coatings, and particularly, but not by way of limitation, to polymerizable compositions. The disclosure further relates to methods of making a polymerizable, protective and scratch resistant topcoat layer that can be easily removed.

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

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD AND ARRANGEMENT FOR SELF INTERFERENCE CANCELLATION IN A RELAY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04B 7/155 :NA :NA :NA :PCT/IB2009/007285 :02/11/2009 :WO 2011/051746 :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)BALDEMAIR, ROBERT
--	---	--

#### (57) Abstract:

The present invention relates to a method and arrangement for receiving an OFDM signal and forwarding the received OFDM signal comprising OFDM symbols of a wireless OFDM communication network. The wireless OFDM communication network includes self-interference cancelling functionality and each received OFDM symbol to be forwarded is prefixed with a cyclic prefix (CP) which is a copy of the last part of the OFDM symbol. In the method a delay for delaying an interference generating feedback signal is determined such that an OFDM symbol of the interference generating feedback signal overlaps within a margin of a length of the CP with an OFDM symbol of the received OFDM signal, and interference generating feedback signal is delayed with the determined delay. Furthermore may the duration of the impulse be shortened as well.

No. of Pages: 36 No. of Claims: 24

(21) Application No.9621/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: STERILIZED COMPOSITION

(51) International :A61K38/48,A61K9/70,A61K38/00

classification

(31) Priority Document No :2012110390 (32) Priority Date :14/05/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/063868

:13/05/2013

Filing Date (87) International Publication :WO 2013/172468

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

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71) Name of Applicant: 1)TEIJIN LIMITED

Address of Applicant :6-7 Minamihommachi 1- chome,

Chuo- ku, Osaka -shi OSAKA 5410054 Japan

2)TEIJIN PHARMA LIMITED

3)THE CHEMO SERO THERAPEUTIC RESEARCH

**INSTITUTE** 

(72) Name of Inventor: 1)KAGEYAMA Yukako 2)FUJINAGA Kentaro

3)YAMAGUCHI Ayuko 4)HONDA Susumu 5)SATAKE Makoto

6)KANEKO Hiroaki 7) ISHIWARI Ayumi

A sterilized composition sterilized by radiation and containing a protein and an aliphatic polyester containing said protein. This sterilized composition retains the structure and function (activity) of the protein.

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

(21) Application No.9624/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: RADIATION - STERILIZATION - RESISTANT PROTEIN COMPOSITION

(51) International :A61K38/00,A61K9/70,A61K38/48 classification

(31) Priority Document No :2012110395 (32) Priority Date :14/05/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/063867

No

:13/05/2013 Filing Date

(87) International Publication :WO 2013/172467

(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)TEIJIN LIMITED

Address of Applicant: 6-7 Minamihommachi 1 -chome,

Chuo- ku, Osaka- shi, Osaka 5410054 Japan

2)TEIJIN PHARMA LIMITED

3)THE CHEMO SERO THERAPEUTIC RESEARCH

**INSTITUTE** 

(72) Name of Inventor: 1)KAGEYAMA Yukako 2)FUJINAGA Kentaro 3)YAMAGUCHI Ayuko 4)AKIYAMA Yusuke

5)KATOU Souichirou 6)KIMURA Yukiko

7)HONDA Susumu 8)SATAKE Makoto 9)KANEKO Hiroaki

10) ISHIWARI Ayumi 11)HIRASHIMA Masaki

### (57) Abstract:

A protein composition exhibiting radiation- sterilization resistance, and including as an additive, a mixture comprising glycine phenylalanine and histidine, and/or a cellulose -ester derivative.

No. of Pages: 38 No. of Claims: 12

(21) Application No.9625/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: POWER RECEPTION DEVICE POWER TRANSMISSION DEVICE AND VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :PCT/JP2012/064389 :04/06/2012 :WO 2013/183106 :NA :NA	(71)Name of Applicant:  1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant:1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan (72)Name of Inventor: 1)ICHIKAWA Shinji
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A power reception device comprising a coil (22) and a core (21) around which the coil (22) is wound. The core (21) includes: a shaft section (33) that extends in the extension direction of a winding shaft (O1) and around which the coil (22) is wound; and magnetic pole sections (34a, 34b) formed on at least one end section of the shaft section (33) and extending in the intersecting direction intersecting with the extension direction of the winding shaft (O1). The width of the shaft section (33) in the intersecting direction is less than the length of the magnetic pole sections (34a, 34b) in the intersecting direction, and is formed such that a first center section positioned at the center of the magnetic pole sections (34a, 34b) in the intersecting direction and a second center section positioned at the center of the shaft section (33) in the intersecting direction are mutually out of alignment in the intersecting direction.

No. of Pages: 66 No. of Claims: 20

(21) Application No.9626/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: POWER RECEPTION DEVICE AND POWER TRANSMISSION DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: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 (72)Name of Inventor:  1)ICHIKAWA Shinji
--	-------------------	--

#### (57) Abstract:

A power reception device comprising: a first case (24) having a housing section formed therein; a core (21) arranged inside the first case (24); a second coil (22) arranged inside the first case (24) and provided in the core (21); a first electric device arranged inside the first case (24) and connected to the second coil (22); a first insulating member (40) arranged between the inner surface of the first case (24) and the second coil (22) and between the inner surface of the first case (24) and the first electric device; and a cooling device that causes coolant to flow therethrough and which cools the second coil (22) and the first electric device. The second coil (22) and the first electric device have the first insulating member (40) interposed therebetween and are attached to the inner surface of the first case (24). The first electric device is arranged further upstream in the coolant flow direction than the second coil (22).

No. of Pages: 62 No. of Claims: 19

(21) Application No.9630/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ELEVATOR BACKUP POWER SUPPLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H02J9/06,B66B5/00 :NA :NA :NA :PCT/US2012/037868 :15/05/2012 :WO 2013/172818 :NA :NA :NA	(71)Name of Applicant:  1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road, Farmington ,Connecticut 06032 U.S.A. (72)Name of Inventor: 1)ROGERS, Kyle W. 2)MARVIN, Daryl J. 3)BOGLI, Craig Drew 4)WATTERSON, Leslie C.
--	--	---

### (57) Abstract:

A power architecture for an elevator system is described. The power architecture may comprise a panel receiving power from a power grid through a breaker, a power supply coupled to the breaker to receive power from the grid, a battery coupled to the power supply through a switch an elevator motor controller coupled to the power supply, the power supply providing power from at least one of the grid and the battery to the controller, and a charger coupled to the breaker and the battery and configured to receive power from the power grid and provide power to the battery to charge the battery.

No. of Pages: 20 No. of Claims: 17

(21) Application No.9631/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COATED SHEAVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B66B11/06 :NA :NA :NA :NA :PCT/US2012/038046 :16/05/2012 :WO 2013/172824 :NA :NA :NA	(71)Name of Applicant:  1)OTIS ELEVATOR COMPANY Address of Applicant: Ten Farm Springs Road, Farmington ,Connecticut 06032 U.S.A. (72)Name of Inventor: 1)YU, Xiaomei 2)CHEN, Yan 3)POLAK, David R. 4)VIENS ,Daniel V. 5)WESSON, John P.
---	---	--

## (57) Abstract:

A method for applying a coating to a substrate includes obtaining a fluorinated polymer compound where the fluorine is chemically or covalently bonded to the polymer molecule; and coating the surface of the substrate with the fluorinated polymer compound.

No. of Pages: 14 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application: 14/11/2014

(21) Application No.9632/DELNP/2014 A

(43) Publication Date: 31/07/2015

(54) Title of the invention: ELIMINATION OF HYDROGEN SULFIDE AND CARBON DIOXIDE FROM NATURAL GAS BY MEANS OF ABSORPTION WITH A SODIUM HYDROXIDE SOLUTION AND SUBSEQUENT TREATMENT WITH AMMONIUM HYDROXIDE AND OXIDATION FOR PRODUCING AMMONIUM SULFATE AND AMMONIUM **CARBONATE** 

(51) International

:B01D53/52,B01D53/62,B01D53/18

classification

:MX/a/2012/004611

(31) Priority Document No

(32) Priority Date

:19/04/2012 (33) Name of priority country: Mexico

(86) International

:PCT/MX2013/000001

Application No Filing Date

:07/01/2013

:NA

:NA

(87) International Publication :WO 2013/157912

(61) Patent of Addition to

**Application Number** Filing Date

(62) Divisional to

:NA Application Number :NA Filing Date

(71) Name of Applicant:

1)MIKLOS ILKOVICS, Roberto Tom;s

Address of Applicant: Carrada del Rayo #20, La Herradura,

C.P. 53920 Huixquilucan ,Estado de Mexico

(72) Name of Inventor:

1)MIKLOS ILKOVICS ,Roberto Tom;s

## (57) Abstract:

The invention relates to an absorption process with a chemical reaction for collecting carbon dioxide and hydrogen sulfide from natural gas, concentrating the fuel and eliminating the source of corrosion produced by the hydrogen sulfide in addition to its bad smell, and initially producing sodium carbonate and sodium sulfide in order to transform them into ammonium carbonate and ammonium sulfate. The process is carried out in a horizontal absorber having a diameter of 15.5 cm, using an 8% sodium hydroxide solution as an absorption liquid, and two sections measuring a metre long. Each section has three rows of nozzles, one in the upper part and the other two on the sides, forming a 90° angle to the vertical. There is a 20 cm gap between each nozzle such that each section has 15 dispersion nozzles for the absorption liquid. The absorber has a 10 cm high channel for receiving products by means of openings in the lower part of the equipment for collecting the absorption liquid with the retained acid gases. Ammonium carbonate and ammonium sulfate are obtained as end sub-products, which are concentrated and separated by fractional crystallization, and are filtered and dried in order to then be put into bags.

No. of Pages: 23 No. of Claims: 5

(21) Application No.9633/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: REMOVABLE STERILIZATION RACK AND STERILIZATION APPARATUS

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PCT/EP Filing Date :14/06/20	(71)Name of Applicant:  1)GETINGE STERILIZATION AB Address of Applicant: P.O. Box 69, S -310 44 Getinge Sweden (72)Name of Inventor: 1)ANDERSSON, Jonas 2)KRISTIANSSON, Ola 3)EINARSSON, Henrik
--	---

#### (57) Abstract:

The present invention relates to a removable sterilization rack (2) for supporting objects to be sterilized inside a sterilization apparatus (1), said sterilization rack comprising: a support structure (54) for supporting said objects; at least one opening (57) for directing a flow of a fluid towards said objects when the objects are supported by said support structure (54); a docking port (50) for docking with a fluid supply port (20) comprised in said sterilization apparatus (1) and receiving said fluid from the fluid supply port (20) of the sterilization apparatus (1); and a conduit (52) arranged and configured to bring said docking port (50) in fluid flow connection with said at least one opening (57), wherein said sterilization rack (2) comprises a marker (62) configured to provide a contactless positioning indication to said sterilization apparatus (1) when said docking port (50) is in a position to receive said fluid from the fluid supply port (20) of the sterilization apparatus (1).

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

(21) Application No.9636/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: TAPERED- LAND THRUST BEARING FOR TURBOCHARGERS

(51) International classification :F02B29/00,F02B39/14,F02B37/00

(31) Priority Document No :61/637565 (32) Priority Date :24/04/2012

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

(86) International Application :PCT/US2013/029233

No :06/03/2013

Filing Date :00/03/2013

(87) International Publication :WO 2013/162703

(61) Patent of Addition to

Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

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

Address of Applicant :Patent Department, 3850 Hamlin Road,

Auburn Hills , Michigan 48326 U.S.A.

(72)Name of Inventor: 1)MOSCETTI. Jason P.

2)LONGACRE, Christian

# (57) Abstract:

An oil-lubricated, tapered land thrust bearing assembly (60) for automotive turbochargers (10) including a thrust bearing (30). The thrust bearing (30) includes an assembly of a base (62) with at least one insert (64 or 66), which is designed to control the oil film as a purposefully compliant structure based on applied force to optimize performance at low and high power operation. The ramp angle is relatively large at a low load and decreases to a smaller ramp angle at higher loads. On one side of the turbocharger (10), the thrust bearing assembly (60) may operate with a flinger sleeve (34) and a thrust washer (24) within a complementary bearing housing cover (32).

No. of Pages: 19 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: METHOD AND SYSTEM FOR MEDICAL TREATMENT AND REHABILITATION OF JAWS

(51) International classification :A61C13/12,A61C13/225 (71)Name of Applicant : 1) VESHLER, Mishel (31) Priority Document No :220326 (32) Priority Date :12/06/2012 Address of Applicant : P.O.B 902, 1700 Nazeret- Elit Israel (33) Name of priority country :Israel 2)AHARONI Benzi (86) International Application No :PCT/IL2013/000053 (72)Name of Inventor: Filing Date :10/06/2013 1)VESHLER, Mishel (87) International Publication No :WO 2013/186767 2) AHARONI, Benzi (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

The present invention innovates within the method and system which enable a dentist to treat and rehabilitate a patients jaw, whereas the method is enabled by a first part which includes a bridge- rod, whereas to this rod part coordinators are threaded which include in their configuration a clamp which enables the sliding of the coordinators upon the rod, to different locations on the rod, and whereas the second part which is the coordinator, component includes a clasping method such as a screw which could screw onto a part external to the coordinator and whereas a screw such as the coordinator is screwed and connected to the implant and whereas a number of coordinators are connected to a number of implants, the coordinators settle in coordination upon the part of the rod, the first part, and whereas the dentures are supplied with a connecting mechanism which are connected to the dentures in their inner part and are coordinated to clasp the dentures upon the rod, the first part.

No. of Pages: 24 No. of Claims: 8

(21) Application No.9639/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: ABS HYDRAULIC UNIT

(51) International classification :B60T8/34,B62K23/06,B62L3/00 (71) Name of Applicant:

:20/02/2013

(31) Priority Document No :2012124107 (32) Priority Date :31/05/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/054114 No

Filing Date

(87) International Publication :WO 2013/179698

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

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

1)ROBERT BOSCH GMBH

Address of Applicant: Postfach 30 02 20,

Stuttgart,70442,Germany (72) Name of Inventor: 1)SAGAYAMA, Kosaku

2) ATSUSHI, Hiroaki

## (57) Abstract:

In order to improve the degree of freedom to mount an ABS hydraulic unit to a handlebar, the ABS hydraulic unit comprises: a main housing which has at least a part of a hydraulic circuit formed therein, the main housing being provided with a mounting section to which a brake lever is mounted and also with a fitting section which has at least a part of the side surface of a through- hole formed thereon along a first direction, the through -hole being used to fit the ABS hydraulic unit to the handlebar; and a master cylinder which has a piston section moving in association with the movement of the brake lever and which increases the pressure of a brake fluid within the hydraulic circuit according to the movement of the piston section. A piston insertion hole in which the master cylinder is inserted and which extends in the direction of movement of the piston section is formed in the main housing so as to extend in a second direction which intersects the first direction and which is not perpendicular to the first direction.

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

(21) Application No.9640/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: FUSED AROMATIC PHOSPHONATE DERIVATIVES AS PRECURSORS TO PTP 1B INHIBITORS

(51) International classification	:C07F9/40,A61K31/662,A61K31/665	(71)Name of Applicant: 1)KANEQ PHARMA INC.
(31) Priority Document No	:61/624572	Address of Applicant :900 Etienne- Marchand, Boucherville
(32) Priority Date	:16/04/2012	,Qubec J4B 6S5 Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)THERIEN ,Michel
(86) International Application No Filing Date	:PCT/CA2013/000364 :16/04/2013	2)LEBLANC ,Yves 3)HAN ,Yongxin
(87) International Publication No	:WO 2013/155600	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
<ul><li>(62) Divisional to</li><li>Application Number</li><li>Filing Date</li></ul>	:NA :NA	

## (57) Abstract:

Fused aromatic phosphonates of structural formula I are precursors to inhibitors of protein tyrosine phosphatase- 1B, (PTP 1B). The compounds of the present invention are therefore useful for the treatment in a mammal of a disorder, condition, or disease responsive to inhibition of protein tyrosine phosphatase 1B including Type 2 diabetes, insulin resistance, a lipid disorder obesity, Metabolic Syndrome, and cancer.

No. of Pages: 57 No. of Claims: 19

(21) Application No.2989/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: NOZZLE ARRANGEMENT

(51) International classification (31) Priority Document No	:B05B 1/16 :10 2009 048 899.5	(71)Name of Applicant: 1)EISENMANN AG
(32) Priority Date	:09/10/2009	Address of Applicant :TUBINGER STR. 81, 71032
(33) Name of priority country	:Germany	BOBLINGEN, GERMANY
(86) International Application No	:PCT/EP2010/005921	(72)Name of Inventor:
Filing Date	:29/09/2010	1)MARKUS ALBRECHT
(87) International Publication No	:WO 2011/042129	2)FRANK HAMSCHER
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	27.1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A nozzle arrangement for applying coating material in cavities; of objects, in particular of vehicle bodies comprises a nozzle element (16; 116), which can be connected to a material source and comprises a first discharge opening (34; 134) and at least one further discharge opening (36; 136), by way of which coating material can be discharged. By means of a directing device (50 150), the flow path of the coating material from the material source can be set in such a way that the flow path leads optionally to the discharge opening (34; 134) and/or to the at least one further discharge opening (36; 136).

No. of Pages: 37 No. of Claims: 15

(21) Application No.9650/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:15/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: METHOD OF OVERWRAPPING A PESSARY DEVICE

:A61F6/08,A61F13/551 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)THE PROCTER & GAMBLE COMPANY :13/537882 (32) Priority Date :29/06/2012 Address of Applicant :One Procter & Gamble Plaza, (33) Name of priority country Cincinnati, Ohio 45202 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/044525 (72) Name of Inventor: Filing Date :06/06/2013 1)AVERY, Robert, Clark, Jr. (87) International Publication No :WO 2014/004025 2) DURLING, Evan , Joseph (61) Patent of Addition to Application 3)STRONG, Kevin, Charles :NA

Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA 4)BROAD, Gavin, John 5)KNUTH, Hinrich

6) WIEGELE, Daniel , Raymond

## (57) Abstract:

This application relates to a method of covering a pessary device for relief of female incontinence with an overwrap. More particularly , the present invention relates to methods of overwrapping the pessary device.

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

(21) Application No.9651/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: COATING OF A GLASS SLEEVE

(51) International classification :C03C17/00,F24J2/05,F24J2/07 (71)Name of Applicant : (31) Priority Document No 1) SIEMENS CONCENTRATED SOLAR POWER LTD. :12173203.6 (32) Priority Date :22/06/2012 Address of Applicant: 3 Ha- Hacshara, 99107 Beit Shemesh (33) Name of priority country :EPO (Industrial Area West) Israel (72) Name of Inventor: (86) International Application No: PCT/EP2013/061385 Filing Date 1)ARAN ,Hagai :03/06/2013 (87) International Publication No :WO 2013/189727 2)LEVIN, Victor (61) Patent of Addition to 3)MOR, Elad :NA

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

:NA Filing Date

## (57) Abstract:

The present invention concerns a method of applying a coating (11, 12) to a glass sleeve (3) with an inner surface (5) and an outer surface (7), which glass sleeve (3) is realized as a part of a solar-receiver tube (1). Thereby, the coating (11, 2) is solely applied to one of the said surfaces (5, 7) of the glass sleeve (3). The invention also concerns such glass sleeve (3) a method of fixing such glass sleeve (3) in an interior of a coating tank, such coating tank (35) and a fixing arrangement (28) for fixing such glass sleeve (3) in an interior of a coating tank (35).

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

(21) Application No.9654/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ETHYLENE POLYMERS FOR EXTRUSION COATING

(51) International classification	:C08F2/01,C08F2/38,C08F4/38	(71)Name of Applicant:
(31) Priority Document No	:12170198.1	1)BOREALIS AG
(32) Priority Date	:31/05/2012	Address of Applicant :IZD Tower, Wagramerstrasse 17- 19, A
(33) Name of priority country	:EPO	-1220 Wien Austria
(86) International Application No	:PCT/EP2012/005071	(72)Name of Inventor:
Filing Date	:07/12/2012	1)NUMMILA- PAKARINEN, Auli
(87) International Publication No	:WO 2013/178241	2)SULTAN, Berntke
(61) Patent of Addition to	:NA	3)VOIGT, Bjrn
Application Number	:NA	4)ANKER, Martin
Filing Date	.NA	5)BERGQVIST ,Mattias
(62) Divisional to Application	:NA	6)GKOURMPIS ,Thomas
Number	:NA	7)HJERTBERG ,Thomas
Filing Date	.IVA	8)RUESS ,Gabriel

#### (57) Abstract:

The present invention relates to low density polyethylene having a melt flow rate (MFR) according to ISO 1133 ( $190^{\circ}$ C , 2.16 kg) which is higher than 4.0 g/10 min, a storage modulus G , measured at a loss modulus G of 5 kPa , which is above 3000 Pa and a vinylidene content which is at least 24 / 100k C , compositions , a process for production of the low density polyethylene , a low density polyethylene which is obtainable by the process , a continuous ethylene polymerization method for introducing vinylidene in a low density polyethylene , a method for an extrusion coating process or an extrusion lamination process , an article , e.g. an extrusion article, an extrusion lamination article , film blowing article, film casting article , wire and cable extrusion article, injection moulding article, blow moulding article or pipe extrusion article , and uses of the low density polyethylene.

No. of Pages: 45 No. of Claims: 13

(21) Application No.9655/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : METHODS FOR DECONTAMINATING CIRCUITS FOR PRODUCING GLUCOSE POLYMERS AND HYDROLYSATES OF GLUCOSE POLYMERS

(51) International classification :G01N33/50,G01N33/68 (71)Name of Applicant : (31) Priority Document No :1254935 1)ROOUETTE FRERES (32) Priority Date :29/05/2012 Address of Applicant: 1 rue de la Haute Loge, F-62136 (33) Name of priority country :France Lestrem France (86) International Application No :PCT/FR2013/051181 (72) Name of Inventor: Filing Date :28/05/2013 1) DUVET, Sophie (87) International Publication No :WO 2013/178931 2) HACINE- GUERBI, Hla (61) Patent of Addition to Application 3)LANOS, Pierre :NA Number 4)ALLAIN ,Fabrice :NA Filing Date 5) CARPENTIER, Mathieu (62) Divisional to Application Number :NA 6)DENYS, Agn"s Filing Date :NA

#### (57) Abstract:

The present invention concerns a method for determining the impact of a production step or a purification step on the presence or nature of pro- inflammatory contaminating molecules in glucose polymers or the hydrolysates of same by using an in vitro test of inflammatory response using cell lines. It further concerns an optimised method of producing or purifying glucose polymers or the hydrolysates of same comprising an analysis of the pro-inflammatory contaminating molecules in glucose polymers or the hydrolysates of same and the selection of production or purification steps optimised with respect to the presence and nature of the pro-inflammatory contaminating molecules.

No. of Pages: 81 No. of Claims: 13

(21) Application No.9643/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: NESTED ENDLOAD ASSEMBLY FOR A VARIATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:24/04/2013 :WO 2013/163309 :NA :NA :NA	(71)Name of Applicant:  1)SCHOOLCRAFT, Brian Address of Applicant: 4882 North Chosin Few Lane, Crawfordsville, Indiana 47933 U.S.A. (72)Name of Inventor: 1)SCHOOLCRAFT, Brian
Filing Date	:NA :NA	

#### (57) Abstract:

A transmission includes a toroidal variator including a nested endload assembly. The nested endload assembly has two chambers configured to develop a clamping force on components of the variator. The endload assembly includes a housing, a backing plate, a piston positioned adjacent the backing plate and cooperating with the backing plate to define a first chamber for receiving pressurized fluid to act on the piston. The endload assembly also includes a load plate and an input race that cooperate to define a second chamber. The input race of the variator is acted upon by the piston when the piston is acted upon by pressurized fluid in the first chamber. The input race is also acted upon by pressurized fluid in the second chamber.

No. of Pages: 24 No. of Claims: 20

(21) Application No.9644/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: PASSIVE ARC MANAGEMENT SYSTEM WITH A FLUE CHAMBER

(51) International :H02B11/04,H02B13/025,H02B1/56 classification

:NA

(31) Priority Document No :13/452145 (32) Priority Date :20/04/2012

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

(86) International :PCT/US2013/036911

Application No :17/04/2013 Filing Date

(87) International Publication :WO 2013/158723

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

:NA Filing Date (62) Divisional to :NA

**Application Number** Filing Date

(71) Name of Applicant:

1)SCHNEIDER ELECTRIC USA, INC.

Address of Applicant: 1415 S. Roselle Road, Palatine, Illinois

60067 U.S.A.

(72) Name of Inventor:

1) FABER, Timothy Robert

### (57) Abstract:

In an electrical distribution cabinet a mechanism providing quick, reliable passive arc blast control has a flue chamber surrounding the likely arc site such as an electrical connection point. The flue chamber provides a flue channel which lengthens the arc and attenuates the current and temperature until the arc is extinguished. Preferably, the flue chamber and channel are formed of opposable open, faced polyhedral structures, one fitting inside the other. The mechanism is particularly suited for draw- out circuit breaker connections in a switch gear cabinet.

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

(19) INDIA

(22) Date of filing of Application :15/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: INTRADERMAL INJECTION DEVICE

## (57) Abstract:

Intradermal injection device (9) comprising a housing (5), a foot (1) with an opening (102) for passage of a needle (7); a reservoir (3) movably mounted in the housing, and having a hollow space (312) for holding a fluid; a hollow needle (7) movably mounted in the housing and having a first end (71) for penetrating the subject s skin and a second end (72) for penetrating the reservoir (3,) a plunger (6) movably mounted in the housing for moving the needle (7) through the opening (102) for penetrating the subject s skin, and for pressing the fluid out of the reservoir (3); wherein the reservoir (3) is frictionally mounted inside the housing (5) by first friction means and the plunger (6) is frictionally mounted to, the reservoir (3) by second friction means, whereby the force to overcome the second friction is larger than the force to overcome the first friction.

No. of Pages: 79 No. of Claims: 13

(21) Application No.9646/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: SEMICONDUCTOR ELEMENT FOR A THERMOELECTRIC MODULE AND THERMOELECTRIC **MODULE**

:H01L35/06,H01L35/34 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2012 103 968.2 (32) Priority Date :07/05/2012 (33) Name of priority country :Germany (86) International Application No :PCT/EP2013/057755 Filing Date :15/04/2013

(87) International Publication No :WO 2013/167348

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

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

1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH

Address of Applicant : Hauptstrae 128, 53797 Lohmar

Germany

(72) Name of Inventor:

1)BRCK, Rolf

2)LIMBECK, Sigrid

#### (57) Abstract:

The invention relates to a semiconductor element (1), at least comprising a thermoelectric material (2) and a first frame part (3), which are connected to each other in a force-closed manner, wherein the first frame part (3) forms an electrical conductor and is made of a ferritic steel, which in particular has good thermal conductivity and low thermal expansion in addition to good electrical conductivity.

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

(21) Application No.9647/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: BLENDED RODS FOR USE IN AEROSOL GENERATING ARTICLES

(51) International

:A24F47/00,A24D3/06,A24B13/00

classification

(31) Priority Document No

:12170356.5

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

:31/05/2012 :EPO

:NA

(86) International Application

:PCT/EP2013/061208

:WO 2013/178766

:30/05/2013

Filing Date

(87) International Publication

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

Filing Date

:NA (62) Divisional to Application :NA Number

Filing Date

(71) Name of Applicant:

1)PHILIP MORRIS PRODUCTS S.A.

Address of Applicant : Quai Jeanrenaud 3, CH- 2000

Neuchatel Switzerland

(72) Name of Inventor: 1)METRANGOLO, Alessandro

2) GINDRAT, Pierre - Yves

3)FAULKNER, John

4)SCHALLER, Jean-Pierre

5)SCHNEIDER "Jean -Claude

(57) Abstract:

A rod for an aerosol-generating article comprises at least two sheets (2, 3) of tobacco material gathered together and circumscribed by a wrapper (12). The rod includes a first sheet (2) of a first tobacco material and a second sheet (3) of a second tobacco material. The second sheet of the second tobacco material is physically or chemically different to the first sheet of the first tobacco material.

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

(19) INDIA

(22) Date of filing of Application :12/01/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention : CATALYST FOR THE CONTINUOUS REMOVAL OF CARBON MONOXIDE GAS IN HIGH HUMID ATMOSPHERE AND THE PRCESS THEREOF

### (57) Abstract:

This disclosure provides the development of an excellent palladium impregnated silica catalyst to achieve continuous protection against carbon monoxide gas in high humid atmosphere having humidity greater than 95 % and at ambient temperature. The material was prepared by impregnating silica with palladium chloride using incipient wetness technique followed by liquid phase reduction to palladium. The developed material was found to be working as a catalyst in oxidizing carbon monoxide to carbon dioxide and provided excellent protection against it. This material/catalyst can effectively be used in filtration systems such as CO filters in enclosed area to remove carbon monoxide gas.

No. of Pages: 34 No. of Claims: 13

(21) Application No.9670/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COMFORT LAYER FOR A COLLECTING BAG

(62) Divisional to Application Number :NA Filing Date :NA		:PA 2012 70279 :25/05/2012 :Denmark :PCT/DK2013/050150 :17/05/2013 :WO 2013/174382 :NA :NA	(71)Name of Applicant: 1)COLOPLAST A/S Address of Applicant: Holtedam 1, DK- 3050 Humlebaek Denmark (72)Name of Inventor: 1)FREIDING, Markus
---	--	---	--

### (57) Abstract:

A collecting bag for human body wastes having a barrier film (20a, 20b) covered by a comfort layer (15) attached to the barrier film in an attachment zone wherein the comfort layer is a textile material that is attached to said barrier film in one or more zones of attachment such that not all of the fibre filaments of the textile material in the attachment zone(s) are embedded in the barrier film material.

No. of Pages: 24 No. of Claims: 17

(21) Application No.9672/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: STEEL MATERIAL

(51) International classification:C22C38/14,C22C38/28,C21D8/02 (71)Name of Applicant:

:WO 2014/030663

(31) Priority Document No :2012-182710 (32) Priority Date :21/08/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/072262

No

:21/08/2013 Filing Date

(87) International Publication

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

:NA Filing Date

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

(57) Abstract:

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6-1, Marunouchi 2-chome, Chiyoda-

ku, Tokyo 1008071 Japan (72) Name of Inventor:

1)KAWANO Kaori

2)TANAKA Yasuaki 3)TASAKA Masahito

4)NAKAZAWA Yoshiaki

5)TOMIDA Toshiro

This steel material comprises, in mass%, C: greater than 0.05% to 0.18% Mn:13%, Si: greater than 0.5% to 1.8%, Al: 0.01%-0.5%, N: 0.001% -0.015%, V and/or Ti: total 0.01% 0.3% Cr:0% 0.25% Mo:0% 0.35% and the remainder: Fe and impurities. In area%, this steel material comprises 80% or more of bainite and a total of 5% or more of one or more of ferrite martensite and austenite. The average block size of the bainite is less than 2.0um the average particle diameter of the aforementioned ferrite martensite and austenite together is less than 1.0 µm, the average nanohardness of the bainite is 4.0 5.0 GPa and the average spacing between MX- type carbides having a circle equivalent diameter of 10nm or greater is 300nm or less.

No. of Pages: 42 No. of Claims: 2

(21) Application No.9673/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : METHOD OF MAKING SILICONE CONTAINING CONTACT LENS WITH REDUCED AMOUNT OF DILUENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:61/663719 :25/06/2012 :U.S.A. :PCT/US2013/045774 :14/06/2013 :WO 2014/004106 :NA	(71)Name of Applicant:  1)JOHNSON & JOHNSON VISION CARE INC. Address of Applicant:7500 Centurion Parkway, Jacksonville, FL 32256 U.S.A. (72)Name of Inventor: 1)ALLI, Azaam 2)MAHADEVAN, Shivkumar
Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a method of manufacturing a contact lens including the steps of: (i) adding reactive components to a mold, wherein the reactive components comprise (a) at least one hydroxy- containing silicone component having a weight average molecular weight from about 200 to about 15, 000 g/mole and (b) at least one mono ether terminated mono -methacrylate terminated polyethylene glycol having a weight average molecular weight from about 200 to about 10, 000 g/mole; (ii) curing the reactive components within the mold to form the contact lens; and (iii) removing the contact lens from said mold.

No. of Pages: 42 No. of Claims: 19

(21) Application No.9674/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DUPLEX STAINLESS STEEL TUBE AND METHOD FOR PRODUCING SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:C22C38/00,B21B3/02,B21C1/00 :2012190996 :31/08/2012 :Japan	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6- 1 Marunouchi 2- chome, Chiyoda- ku
<ul><li>(86) International Application</li><li>No</li><li>Filing Date</li><li>(87) International Publication</li></ul>	:PCT/JP2013/072424 :22/08/2013 :WO 2014/034522	,Tokyo 1008071 Japan (72)Name of Inventor: 1)SAWAWATARI Naoki 2)KURODA Koichi
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	:NA :NA	3)UEYAMA Masaki 4)UGAWA Yusuke
Number Filing Date	:NA	

## (57) Abstract:

A duplex stainless steel tube has a tensile yield strength (YSLT) of 689.1 to 1000.5 MPa in the tube axis direction of the duplex stainless steel tube, wherein the above- mentioned tensile yield strength (YSLT), the compressive yield strength (YSLC) in the tube axis direction the tensile yield strength (YL¢) in the tube circumferential direction, and the compressive yield strength (YScc) in the tube circumferential direction of the duplex stainless steel tube fulfil all of formulae (1) to (4): (1) 0.90 = YS/YS = 1.11; (2) 0.90 = YS/YS = 1.11; (3) 0.90 = YS/YS = 1.11; and (4) 0.90 = YS/YS = 1.11.

No. of Pages: 48 No. of Claims: 7

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A METHOD AND APPARATUS FOR CONTROLLING AN ENGINE OF A MOTOR VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:F16B :1106336.9 :14/04/2011 :U.K. :NA :NA :NA	DRIVE, DEARBORN MICHIGAN 48126, UNITED STATES OF AMERICA. (72)Name of Inventor: 1)PETRIDIS, THEMI PHILEMON 2)BRITTLE, PETER GEORGE
Filing Date	:NA :NA	3)HALLERON, IAN
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A method and apparatus for controlling the operation of an engine 2 of a motor vehicle 1 is disclosed in which the engine 2 is restarted while the vehicle 1 is in motion by bump starting it if the speed of the vehicle 1 falls within predetermined speed limits but is otherwise restarted using a starter motor 5. The number of starts for which the starter motor 5 is used is thereby reduced advantageously reducing wear of the starter motor 5 and increasing the life and/or reducing the duty cycle of the battery or source of power 6 used for the starter motor 5.

No. of Pages: 33 No. of Claims: 23

(21) Application No.3034/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: FLEXIBLE CONTAINER WITH FITMENT AND HANDLE

(51) International classification	:B65D 75/58	(71)Name of Applicant:
(31) Priority Document No	:61/241,213	1)SMART BOTTLE INC.
(32) Priority Date	:10/09/2009	Address of Applicant :825 MERRIMON AVENUE #320
(33) Name of priority country	:U.S.A.	ASHEVILLE, NORTH CAROLINA 28804 U.S.A.
(86) International Application No	:PCT/US2010/025339	(72)Name of Inventor:
Filing Date	:25/02/2010	1)WILKES KENNETH R.
(87) International Publication No	:WO 2011/031342	2)SCHULDT FREDERIC W.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A flexible container includes a panel structure of flexible web material. The panel structure defines a pouch that has a top opening. A rigid fitment, in the top opening, has a surface section adjoining the pouch. The panel structure defines a handle. The pouch is configured to be carried by the handle in an upright orientation in which the handle projects upward from the pouch at a juncture that is not above the bottom of the pouch-adjoining surface section of the fitment.

No. of Pages: 28 No. of Claims: 29

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ENTERPRISE LEVEL DATA MANAGEMENT

(51) International classification	:G06F 7/00	(71)Name of Applicant:
(31) Priority Document No	:61/240,726	1)VARONIS SYSTEMS, INC.
(32) Priority Date	:09/09/2009	Address of Applicant :499 7TH AVENUE, NEW YORK,
(33) Name of priority country	:U.S.A.	NEW YORK 11018, U.S.A.
(86) International Application No	:PCT/IL2010/000069	(72)Name of Inventor:
Filing Date	:27/01/2010	1)KORKUS OHAD
(87) International Publication No	:WO 2011/030324	2)FAITELSON YAKOV
(61) Patent of Addition to Application	:NA	3)KRETZER OPHIR
Number	:NA	4)BASS DAVID
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A system for identifying data of interest from among a multiplicity of data elements residing on multiple platforms in an enterprise, the system including background data characterization functionality characterizing the data of interest at least by at least one content characteristic thereof and at least one access metric thereof, the at least one access metric being selected from data access permissions and actual data access history and near real time data matching functionality selecting the data of interest by considering only data elements which have the at least one content characteristic thereof and the at least one access metric thereof from among the multiplicity of data elements.

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

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: MANAGEMENT METHOD AND APPARATUS FOR ON CHIP SHARED CACHE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:G06F12/02 :NA :NA :NA :PCT/CN2012/074226 :17/04/2012 :WO 2013/155673 :NA :NA	(71)Name of Applicant:  1)ZTE CORPORATION  Address of Applicant: ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor:  1)WANG Baling 2)SHI Yijun
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present invention relates to a cache sharing technology. Disclosed are a management method and apparatus for on -chip shared cache, used for on- chip cache sharing. The method comprises: dividing shared storage space into multiple storage units forming a storage resource pool; setting a storage table that records idle storage units in the storage resource pool; setting a resource occupation table for storage units occupied by each user; during storage resource allocation, selecting a desired storage unit for the user from the storage table, and recoding the selected storage unit under an item corresponding to the user in the resource occupation table; and after the user uses the allocated storage unit, reading from the resource occupation table the storage unit occupied by the user under the item corresponding to the user, and recoding the storage unit into the storage table. The technical solutions in embodiments of the present invention meet data storage requirements of multiple users by means of a cache storage resource pool with small capacity.

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

(21) Application No.9686/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CONTROL SYSTEM FOR SELF-PROPELLED LINE STRIPER

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:E01C23/16,A63C19/06 :61/645268	(71)Name of Applicant: 1)GRACO MINNESOTA INC.
(32) Priority Date	:10/05/2012	Address of Applicant :88- 11th Avenue NE, Minneapolis,
(33) Name of priority country	:U.S.A.	Minnesota 55413 U.S.A.
(86) International Application No	:PCT/US2013/040371	(72)Name of Inventor:
Filing Date	:09/05/2013	1)LINS, Christopher, A.
(87) International Publication No	:WO 2013/170047	2)TRIPLETT, Thomas, L.
(61) Patent of Addition to Application	:NA	3)SCHROEDER ,Jame,s C.
Number	:NA	4)KUCZENSKI ,Steven ,R.
Filing Date	.NA	5)MATTSON, Barry ,W.
(62) Divisional to Application Number	:NA	6)MULGREW ,Brian ,M.
Filing Date	:NA	7)RYDER, Douglas ,S.

### (57) Abstract:

A line striping system comprises a chassis, wheels, a spray system, a propulsion system and a steering system. The wheels are mounted under the chassis. The spray system is mounted on the chassis. The propulsion system is mounted on the chassis to drive a wheel. The steering system is coupled to the chassis. The steering system comprises a handlebar rotatatable to steer a wheel, and a speed bar pivotable to control the propulsion system.

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

(22) Date of filing of Application :06/03/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : METHOD, DEVICE AND SYSTEM FOR DETECTING STATE OF BASE STATION REVERSE DIVERSITY LINK AND BASE STATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:24/11/2010	(71)Name of Applicant:  1)ZTE CORPORATION  Address of Applicant: ZTE PLAZA, KEJI ROAD SOUGH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA (72)Name of Inventor:  1)LI, JINGHAI
--	-------------	---

#### (57) Abstract:

The present invention discloses a method, an apparatus and a system for detecting a connection state of a reverse secondary link of a base station, which are used to implement detection for the connection state of the reverse secondary link of the base station. It includes: a base station setting that the reverse primary link of the base station is connected and the reverse secondary link of the base station is disconnected, and then determining a minimum first transmission power value of a testing terminal; while the station setting that the reverse primary link of the base station is connected and the reverse secondary link of the base station is disconnected, and then determining a minimum second transmission power value of the testing terminal; and determining whether the connection state of the reverse secondary link of the base station is normal or not according to the minimum first transmission power value and the minimum second transmission power value. The embodiment of the present invention also provides a base station.

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

(21) Application No.9678/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: RING CONSTRAINED ANALOGS AS ARGINASE INHIBITORS

(51) International :C07F5/02,A61K49/00,A61K31/00 classification

:NA

(31) Priority Document No :61/625814

(32) Priority Date :18/04/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/030930

:13/03/2013

Filing Date

(87) International Publication :WO 2013/158262

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

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

Number

Filing Date

(71)Name of Applicant:

1)MARS, INCORPORATED

Address of Applicant: 6885 Elm Street, McLean, Virginia

22101 U.S.A.

(72) Name of Inventor:

1)VAN ZANDT, Michael

2) JAGDMANN, JR., Gunnar Erik

## (57) Abstract:

The inventive boronic acid analogs are potent inhibitors of Arginase I and II activity. These compounds are candidate therapeutics for treating a disease or disorder associated with an imbalance in the activity or concentration of cellular arginase I and arginase II enzymes. The invention also provides pharmaceutical compositions of the inventive compounds and methods for using the compositions for therapy.

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

(21) Application No.9679/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: LENS COMPRISING LOW AND HIGH MOLECULAR WEIGHT POLYAMIDES

(51) International classification	:B29D11/00,G02B1/04	(71)Name of Applicant:
(31) Priority Document No	:61/663720	1)JOHNSON & JOHNSON VISION CARE INC.
(32) Priority Date	:25/06/2012	Address of Applicant: 7500 Centurion Parkway, Jacksonville,
(33) Name of priority country	:U.S.A.	Florida 32256 U.S.A.
(86) International Application No	:PCT/US2013/045779	(72)Name of Inventor:
Filing Date	:14/06/2013	1)ALLI, Azaam
(87) International Publication No	:WO 2014/004107	2)MAHADEVAN, Shivkumar
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a contact lens formed from components including (i) at least one silicone component (ii) at least one low molecular weight polyamide having a weight average molecular weight of less than 200,000, and (iii) at least one high molecular weight polyamide having a weight average molecular weight of greater than 200,000, wherein the low molecular weight polyamide does not contain a reactive group.

No. of Pages: 42 No. of Claims: 21

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: LOADING CARTRIDGE FOR SURGICAL INSTRUMENT END EFFECTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:24/05/2013 :WO 2013/181100 :NA :NA	(71)Name of Applicant:  1)ETHICON ENDO- SURGERY, INC. Address of Applicant: 4545 Creek Road, Cincinnati, Ohio 45242 U.S.A. (72)Name of Inventor: 1)KIMBALL Cory G. 2)PRICE, Daniel W. 3)DANNAHER, William D. 4)CLEM, William E.
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A surgical instrument includes a body assembly and a selectively coupleable end effector assembly. The end effector assembly may include a transmission assembly, an end effector, and a rotational knob operable to rotate the transmission assembly and the end effector. The body assembly includes a trigger and a casing having a distal aperture configured to receive a portion of the end effector assembly. First and second coupling assembly portions cooperatively couple the end effector assembly to the body assembly for use. An attachment assembly may be used to rotatably couple the first and second coupling assembly portions.

No. of Pages: 55 No. of Claims: 20

(21) Application No.9681/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: ISOLATOR DECOUPLER

(51) International

:F16D41/04,F16H13/08,F16H55/36

classification

(31) Priority Document No :13/487755

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

:04/06/2012

(86) International Application

:PCT/US2013/037519

:22/04/2013 Filing Date

(87) International Publication :WO 2013/184241

:NA

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

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

Number

(57) Abstract:

Filing Date

(71)Name of Applicant:

1)THE GATES CORPORATION

Address of Applicant: (a Delaware Corporation, 1551

Wewatta Street, Denver, CO 80202 U.S.A.

(72) Name of Inventor:

1)CHEN Xiaohua Joe

2) HARVEY ,John ,T.

3) PUPULIN, Rudy

4)LIU ,Keming

5)SERKH, Alexander

6)ALI,Imtiaz

7) SCHNEIDER, Dean

8)WARD, Peter

An isolator decoupler comprising a shaft (10), a pulley (30) journalled to the shaft (10), a clutch carrier (50) journalled to the shaft (10) through a one- way clutch (60), a torsion spring (40) engaged between the pulley and the clutch carrier, the torsion spring loadable in an unwinding direction, the torsion spring and the pulley having a predetermined clearance between a torsion spring outside diameter surface and a pulley inside diameter surface and whereby the torsion spring outside diameter surface and a pulley inside diameter surface come into a progressive frictional engagement by torque load dependent radial expansion of the torsion spring.

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

(21) Application No.9687/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ELECTRONIC DEVICE STORAGE MEDIUM PROGRAM AND DISPLAYING METHOD

(51) International classification :G06F3/048,G09F9/00,G09G3/20 (71)Name of Applicant : (31) Priority Document No :2012109132 1)SEMICONDUCTOR ENERGY LABORATORY CO. (32) Priority Date :11/05/2012 LTD. (33) Name of priority country :Japan Address of Applicant: 398 Hase, Atsugi-shi, Kanagawa, (86) International Application 2430036 Japan :PCT/JP2013/062792 (72) Name of Inventor: No :24/04/2013 Filing Date 1)HOSOYA, Kunio (87) International Publication :WO 2013/168686 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract:

An electronic device is provided which displays an object (body) on a flexible display screen in accordance with a three-dimensional shape of the display screen by utilizing the flexibility of the display screen. An electronic device including a display portion which includes a flexible display device displaying an object on a display screen; a detection portion detecting positional data of a given part of the display screen; and an arithmetic portion calculating a three-dimensional shape of the display screen on the basis of the positional data and computing motion of the object to make the object move according to a given law in accordance with the calculated three- dimensional shape of the display screen.

No. of Pages: 71 No. of Claims: 14

(21) Application No.9688/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CURRENT SENSING DEVICES AND METHODS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G01R15/18 :61/653655 :31/05/2012 :U.S.A. :PCT/US2013/043462 :30/05/2013 :WO 2013/181458 :NA :NA	(71)Name of Applicant:  1)PULSE ELECTRONICS, INC.  Address of Applicant:12220 World Trade Drive, San Diego ,CA 92128 U.S.A. (72)Name of Inventor:  1)LINT, James ,Douglas 2)JIN ,Fuxue 3)ALDACO, Victor 4)MACHADO ,Russell L.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A low -cost and high- precision current sensing device and methods for use and manufacturing. In one embodiment the current sensing apparatus comprises a Rogowskt- type coii which is manufactured in segments so as to facilitate the manufacturing process. In an exemplary embodiment the current sensing apparatus segments are asymmetric in shape and/or composition (e.g. bobbin shape , size ,and/or winding configuration) so as to account for asymmetries in the magnetic field distribution around a bus bar or to accommodate its shape in a more compact form factor , and/or to improve the immunity to the effects of an external magnetic field. Methods of manufacturing and using the aforementioned current sensing apparatus are also disclosed.

No. of Pages: 57 No. of Claims: 15

(21) Application No.9689/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: SYRINGE

(51) International classification :A61K9/00,A61M5/28,A61M5/31 (71)Name of Applicant : (31) Priority Document No :12170628.7 (32) Priority Date :01/06/2012 (33) Name of priority country :EPO

:30/05/2013

(86) International Application :PCT/EP2013/061215

No Filing Date

(87) International Publication :WO 2013/178771

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

:NA Number :NA Filing Date

1)NOVARTIS, AG

Address of Applicant: Lichtstrasse 35, CH-4056 Basel

Switzerland

(72)Name of Inventor: 1)BRYANT Andrew 2)BUETTGEN, Heinrich 3)PAPST, Wolfgang 4)PICCI, Marie

### (57) Abstract:

The invention provides a syringe for use in an ophthalmic injection. The syringe comprises a body a stopper and a plunger. The body comprises an outlet at an outlet end and the stopper is arranged within the body such that a front surface of the stopper and the body define a variable volume chamber from which a fluid can be expelled though the outlet. The plunger comprises a plunger contact surface at a first end and a rod extends between the plunger contact surface and a rear portion. The plunger contact surface is arranged to contact the stopper but not couple thereto, such that the plunger can be used to force the stopper towards the outlet end of the body , reducing the volume of the variable volume chamber, but not to move the stopper away from the outlet end.

No. of Pages: 27 No. of Claims: 17

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COLLABORATIVE SPATIAL POSITIONING

(51) International classification	:G05D1/00	(71)Name of Applicant:
(31) Priority Document No	:61/641201	1)5D ROBOTICS, INC.
(32) Priority Date	:01/05/2012	Address of Applicant :2236 Rutherford Road, Suite 123,
(33) Name of priority country	:U.S.A.	Carlsbad, CA 92081 U.S.A.
(86) International Application No	:PCT/US2013/038979	2)BRUEMMER, David ,J.
Filing Date	:01/05/2013	3)HARDIN, Benjamin, C.
(87) International Publication No	:WO 2013/166090	4)NIELSEN ,Curtis, W.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)BRUEMMER, David ,J.
Filing Date	.1171	2)HARDIN, Benjamin, C.
(62) Divisional to Application Number	:NA	3)NIELSEN ,Curtis, W.
Filing Date	:NA	

### (57) Abstract:

Disparate positional data derived from one or more positional determinative resources are fused with peer- to- peer relational data to provide an object with a collaborative positional awareness. An object collects positional determinative information from one or more positional resources so to independently determine its spatial location. That determination is thereafter augmented by peer- to- peer relational information that can be used to enhance positional determination and modify behavioral outcomes.

No. of Pages: 57 No. of Claims: 42

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : CONFLICT RESOLUTION BASED ON OBJECT BEHAVIORAL DETERMINATION AND COLLABORATIVE RELATIVE POSITIONING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G05D1/00 :61/641201 :01/05/2012 :U.S.A. :PCT/US2013/038982 :01/05/2013 :WO 2013/166093 :NA :NA :NA	(71)Name of Applicant:  1)5D ROBOTICS, INC.  Address of Applicant: 2236 Rutherford Road, Suite 123, Carlsbad, CA 92081 U.S.A.  2)BRUEMMER, David, J.  3)HARDIN, Benjamin, C.  4)NIELSEN, Curtis, W.  (72)Name of Inventor:  1)BRUEMMER, David, J.  2)HARDIN, Benjamin, C.  3)NIELSEN, Curtis, W.
--	--	--

#### (57) Abstract:

Using distributed positioning, collaborative behavioral determination, and probabilistic conflict resolution objects can independently identify and resolve potential conflicts before the occur. In one embodiment of the invention interactive tags and other sensor resources associated with each of a plurality of objects provide among the objects relative positional data and state information. Using this information each object develops a spatial awareness of its environment, including the positional and action of nearby objects so as to, when necessary, modify its behavior to more effectively achieve an objective and resolve potential conflicts.

No. of Pages: 71 No. of Claims: 31

(22) Date of filing of Application :04/07/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AUTOMATIC OPENING AND CLOSING OF LANDING GEARS.

(51) International classification	:B64C25/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PRASHANT YADAV
(32) Priority Date	:NA	Address of Applicant :D-126/1, SHYAM PARK EXTN.
(33) Name of priority country	:NA	SAHIBABAD, DISTT. GHAZIABAD-201005, UP India
(86) International Application No	:NA	2)MONIKA SINGH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PRASHANT YADAV
(61) Patent of Addition to Application Number	:NA	2)MONIKA SINGH
Filing Date	:NA	3)SAVITA SINGH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An automatic opening and closing of landing gears device and process for the opening and closing of landing gears are disclosed. The automatic opening and closing of landing gears device comprises a switch to switch on regulated power supply to different components of the device through a power regulator. A microcontroller is provided to receive signals from an ultrasonic module and processing the same so as to compare the height of the airplane with predetermined height provided with the microcontroller such that to instruct motors provided to open or close the gears of the airplane through a starter provided to run the motors. Limit switches are provided to convey signals in respect of opening or closing of the gears, indicators being provided near the pilot to indicate that the gears are opened or closed completely.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: REMOTE CONTROL DEVICE FOR A MOTOR VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G08C 17/02 :0905383 :09/11/2009 :France :PCT/EP2010/066996 :08/11/2010 :WO 2011/054955 :NA :NA :NA	(71)Name of Applicant:  1)VALEO SECURITE HABITACLE Address of Applicant:76 RUE AUGUSTE PERRET - ZI EUROPARC, F-94046 CRETEIL, FRANCE (72)Name of Inventor: 1)VICTOR VILLAGRASA 2)PEIHU CHEN 3)JACQUES DORLET 4)HERVE CALOR 5)PIERRE MAPPAS
--	--	--

#### (57) Abstract:

The invention relates to a remote control device for a motor vehicle locking/unlocking system, including two rigid half-shells (2a, 2b) which, when assembled, form a recess in which a printed circuit board (5), a battery (6) for electrically powering said printed circuit board (5), and least one leaf spring (8a, 8b) connecting the battery (6) and the printed circuit board (5) are arranged, wherein one of said rigid half-shells (2a, 2b) has a series of projections (10a - 10H) made of a flexible material which presses the printed circuit board (5) against the other half-shell (2a, 2b) so as to prevent the printed circuit board (5) from moving.

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

(21) Application No.2991/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COMPOSITION FOR A STRUCTURAL ADHESIVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:15/09/2010 :WO 2011/033002 :NA :NA	(71)Name of Applicant:  1)JACRET  Address of Applicant:17 ROUTE NATIONALE, F-95500 LE THILLAY, FRANCE (72)Name of Inventor:  1)ARNAUD CURET
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to a polymerization-initiating agent for acrylic adhesives containing an epoxidized silane

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD OF ANNEALING CADMIUM TELLURIDE PHOTOVOLTAIC DEVICE

Filing Date  (62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number		(71)Name of Applicant: 1)FIRST SOLAR, INC. Address of Applicant:28101 CEDAR PARK BOULEVARD, PERRYSBURG, OHIO 43551, UNITED STATES OF AMERICA (72)Name of Inventor: 1)MARKUS GLOECKLER 2)RICK C. POWELL
--	---------------------------------------	--	--

### (57) Abstract:

A method of manufacturing a photovoltaic device may include forming a cadmium zinc sulfide layer on a substrate; depositing a cadmium telluride layer on the cadmium zinc sulfide layer, contacting a cadmium chloride to the cadmium telluride layer; and annealing one or more layers, where the one or more layers includes at least the cadmium telluride layer.

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

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: DISTRIBUTED POSITIONING AND COLLABORATIVE BEHAVIOR DETERMINATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:G05D1/00 :61/641201 :01/05/2012 :U.S.A. :PCT/US2013/038987 :01/05/2013 :WO 2013/166096 :NA	3)HARDIN ,Benjamin, C. 4)NIELSEN ,Curtis ,W. (72)Name of Inventor : 1)BRUEMMER, David ,J.
Filing Date	:NA :NA	1)BRUEMMER, David ,J. 2)HARDIN ,Benjamin, C.
(62) Divisional to Application Number Filing Date	:NA :NA	3)NIELSEN ,Curtis ,W.

## (57) Abstract:

A system and its associated methodology for distributed positioning and collaborative behavioral determination among a group of objects, interactive tags associated with each of a plurality of objects provide to each object relative positional data and state information regarding the other nearby objects. Using this information, each object develops a spatial awareness of its environment including the position and action of nearby objects so as to ,when necessary, modify its behavior to more effectively achieve an objective.

No. of Pages: 65 No. of Claims: 29

(21) Application No.9693/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: MULTIPHASE SURFACTANT FRAGRANCE COMPOSITION

(51) International :C11D3/50,C11D17/00,C11D17/04

classification

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

(33) Name of priority country: NA (86) International Application

:PCT/US2012/038408

:17/05/2012 Filing Date

(87) International Publication

:WO 2013/172844 (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) COLGATE- PALMOLIVE COMPANY

Address of Applicant: 300 Park Avenue, New York, 10022

U.S.A.

(72) Name of Inventor:

1)KNORR Joseph 2)MAO, Junhong 3) KUGLER, Alison

4)MEHRETEAB, Ammanuel

5)POTANIN, Andrei

(57) Abstract:

A multicomponent composition separating surfactant and fragrance into separate phases to increase the fragrance release from the composition.

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

(21) Application No.9694/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : OPTICAL WIRELESS TRANSMISSION DEVICE, OPTICAL WIRELESS TRANSMISSION METHOD, AND OPTICAL WIRELESS TRANSMISSION SYSTEM

(71)Name of Applicant: (51) International classification :H04B1/40 (31) Priority Document No :2012122584 1)NEC CORPORATION (32) Priority Date :30/05/2012 Address of Applicant: 7-1 Shiba 5-chome, Minato-ku, Tokyo (33) Name of priority country 1088001 Japan :Japan (86) International Application No :PCT/JP2012/008290 (72)Name of Inventor: Filing Date :25/12/2012 1)ITOU Takuya (87) International Publication No :WO 2013/179363 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The purpose of the present invention is to provide an optical wireless transmission device capable of communicating with an opposing device, to which communication is to be established by means of using optical transmission or wireless transmission as the situation demands in accordance with the opposing device, selecting both an arbitrary frequency from a plurality of frequencies and an arbitrary path, and furthermore multiplexing a signal as necessary. An optical wireless transmission device (1) converts a plurality of input baseband signals into an optical or electrical signal as necessary modulates each signal by using respectively different frequencies furthermore multiplexes a certain number of optical modulated signals together and multiplexes a certain number of wireless modulated signals together, and either transmits an optical multiplexed signal to the opposing device through given optical fibers (3 to 5) or transmits a wireless multiplexed signal to an opposing device through a directional antenna (18).

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

(21) Application No.9695/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: SWEAT MEASUREMENT DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:29/05/2013 :WO 2013/179240	(71)Name of Applicant:  1)STELLENBOSCH UNIVERSITY Address of Applicant: Admin B, Victoria Street, Stellenbosch, Western Cape, Province, 7600 Cape Town South Africa (72)Name of Inventor: 1)MACALUSO, Filippo 2)MYBURGH, Kathy Helen
		<u> </u>
Filing Date	:29/05/2013	1)MACALUSO ,Filippo
	:WO 2013/179240	2)MYBURGH, Kathy Helen
11	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A sweat measuring device (1) comprising a sweat impermeable panel (40) and an adhesive skirt on one side thereof extending about its periphery to enable the panel to be secured to a user s skin is provided. The device covers a known area of a user s skin and traps sweat (42) produced by the skin under the panel. The panel (40) defines a reservoir in which sweat can accumulate and calibrations which may be associated with the reservoir to express the total sweat produced by the user as a function of the volume of sweat in the reservoir. The panel may be relatively stiff; formed by a plastics member and the skirt may extend integrally from the panel or be provided by an adhesive patch which covers the panel.

No. of Pages: 17 No. of Claims: 12

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: SUSPENSION SYSTEM FOR TRACKED VEHICLES

(51) International :B62D55/108,B60G3/14,B60G11/18 classification

(31) Priority Document No :12506978 (32) Priority Date :27/06/2012 (33) Name of priority country: Sweden

(86) International :PCT/SE2013/050720

Application No :18/06/2013

Filing Date

(87) International Publication :WO 2014/003636

(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)BAE SYSTEMS H,,GGLUNDS AKTIEBOLAG Address of Applicant: S-891 82 –rnskldsvik Sweden

(72)Name of Inventor: 1)GULLIKSSON, Christer

### (57) Abstract:

The invention relates to a suspension system (2; 2; 2) for a tracked vehicle (1) of the type, comprising support wheels (4) arranged on opposite sides of the vehicle (1) for contact against the inside of a respective endless drive track (6), the support wheels (4) being rotatably journalled at an outer end of a respective rocker arm (8), which at its inner end to a limited extend is pivotably journalled in the side of a vehicle chassis (10) of the vehicle (1), which rocker arm (8) comprises a pivot axle (12), which extends transversely to the longitudinal extension of the vehicle (1) wherein a torsion element in the shape of a rubber bushing (14) is rotationally fixed to the pivot axle (12) and which rubber bushing (14) is enclosed by and fixedly connected to an outer bushing sleeve (16; 16; 16) arranged to be fixedly fastened in the side of the vehicle chassis (10). The pivot axle (12) is pivotably journalled in the vehicle chassis (10) with radial bearings (18) arranged on each side of the rubber bushing (14) such that the rubber bushing (14) takes up only torsional forces. The outer bushing sleeve (16; 16; 16) is supported by a support housing (28; 28; 28) with a fastening flange (30) for suspension of the entire suspension system (2; 2; 2) in the side of the vehicle chassis (10). The outer bushing sleeve (16; 16; 16) and the support housing (28; 28; 28) comprises pivot preventing means (32, 38; 48) interacting with each other so as to prevent the outer bushing sleeve (16, 16; 16) to be pivoted relative to the support housing (28; 28; 28) as well as to place the rocker arm (8) in correct position relative to the vehicle (1).

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

(22) Date of filing of Application :17/04/2009 (43) Publication Date : 31/07/2015

## (54) Title of the invention: THIN WEB CASTING PROCESS

(51) International classification :B29C4 (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)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-110011, INDIA.  (72)Name of Inventor:  1)AMIT KUMAR  2)DARSHANA SINGH  3)MARUTI SATAPA PATIL  4)DILIP GOPALRAO DESHPANDE  5)ARVIND KUMAR  6)MANOJ GUPTA  7)ALAPATI SUBHANANDA RAO
---	--

## (57) Abstract:

Thin web casting process for casting composite propellant bonded directly to a motor case comprising the steps of lining inner motor surface with a liner material and keeping the same for 24 hours; assembling the lined motor with a base plate and centering ring, and inserting the same in the casting frame; placing the above casting frame inside a vacuum casting chamber for a predetermined pressure for deaeration; feeding predetermined weight of a propellant slurry inside said motor through a feed hopper and keeping the same under vacuum for 10-20 mins; placing a mandrel on the surface of the propellant through a centering ring; guiding said mandrel inside the motor through guiding slots placed on the inner surface of said centering ring; and moving said mandrel inside said motor by rotation of a mechanical screw fitted on top of said casting frame at a speed of 5-15 mm/min.

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

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ENERGY EFFICIENT AIR HEATING AIR CONDITIONING AND WATER HEATING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:16/04/2013 :WO 2013/158648 :NA :NA	(71)Name of Applicant:  1)WONG, Lee ,Wa Address of Applicant:9019 Catherine Street, Pico Rivera, CA 90060 U.S.A. (72)Name of Inventor: 1)WONG, Lee, Wa
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An air heating, air conditioning and water heating system includes a multi - communicative valve unit, a compressor arranged for compressing the refrigerant in a state of superheated vapor, a condenser communicated with the compressor through the multi - communicative valve unit, a heat exchanger communicated with the condenser through the multi - communicative valve unit, an expansion valve, and a water heater communicated with the heat exchanger and the compressor through the multi - communicative valve unit, wherein the multi- communicative valve unit, is arranged to be operated to selectively establish at least an air conditioning route an air heating route, and a water heating route for the refrigerant so that the air heating, air conditioning and water heating system is capable of selectively providing air conditioning, heating and delivering hot water for a predetermined premises.

No. of Pages: 33 No. of Claims: 23

(21) Application No.9596/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: OPHTHALMIC LENS

(51) International classification :G02C7/10,G02B5/28,G02B1/11 (71)Name of Applicant :

(31) Priority Document No :1254529 (32) Priority Date :16/05/2012 (33) Name of priority country :France

(86) International Application No:PCT/FR2013/051073

Filing Date :16/05/2013

(87) International Publication No: WO 2013/171434

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

(62) Divisional to Application :NA Number :NA

Filing Date

1) ESSILOR INTERNATIONAL (COMPAGNIE

GENERALE DOPTIOUE)

Address of Applicant: 147 rue de Paris, F-94220 Charenton

Le Pont France

(72) Name of Inventor:

1)DE AYGUAVIVES, Francisco

2)MAURY, HI"ne

#### (57) Abstract:

The invention relates to an ophthalmic lens having a main front face and a main rear face one of said main faces comprising a filter that provides same with the following properties: an average reflection factor in the blue region over a wavelength range of 420 nm to 450 nm that is greater than or equal to 5% for an angle of incidence of between 0° and 15°; a spectral reflectivity curve for an angle of incidence of between 0° and 15°, said reflectivity curve having a maximum reflectivity at a wavelength less than 435 nm and a full width at half maximum greater than or equal to 80 nm; and for an angle of incidence of between 0° and 15° and for an angle of incidence  $\Delta$  of between 30° and 45° a parameter  $\Delta(\Theta \Theta)$  defined by the relationship  $\Delta(\Theta\Theta) = 1 - [R\Theta (435 \text{ nm}) / Re(435 \text{ nm})]$ , such that said parameter () is greater than or equal to 0.6 wherein R(435 nm) represents the value of the reflectivity of the main face comprising the filter at a wavelength of 435 nm for the angle of incidence  $\Delta$  and R $\Theta$  (435 nm) represents the value of the reflectivity of the main face comprising the filter at a wavelength of 435 nm for the angle of incidence  $\Delta$ .

No. of Pages: 34 No. of Claims: 21

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SALMONELLA TYPHI TY21A EXPRESSING YERSINIA PESTIS F1 V FUSION PROTEIN AND USES THEREOF

(54) 7	1 CATTON 100 CA 03 TA F 1 CO	
(51) International classification	:A61K39/02,C12N15/62	(71)Name of Applicant :
(31) Priority Document No	:61/650676	1)THE UNITED STATES OF AMERICA AS
(32) Priority Date	:23/05/2012	REPRESENTED BY THE SECRETARY DEPARTMENT
(33) Name of priority country	:U.S.A.	OF HEALTH AND HUMAN SERVICES
(86) International Application No	:PCT/US2013/042240	Address of Applicant :National Institutes of Health, Office of
Filing Date	:22/05/2013	Technology Transfer, 6011 Executive Boulevard, Suite 325, MSC
(87) International Publication No	:WO 2013/177291	7660, Bethesda, MD 20852- 7660 U.S.A.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number		1)KOPECKO ,Dennis J.
Filing Date	:NA	2)OSORIO, Manuel
(62) Divisional to Application Number	:NA	3)FOOTE, Monica R.
Filing Date	:NA	
(57) A1		•

### (57) Abstract:

Described herein is the generation of a plasmid construct for expression of a Fl- V fusion protein. In the disclosed plasmid , the F1- V fusion protein coding sequence is operably linked to the htrA promoter , and is fused in frame to the HlyA secretion signal sequence. Also described is serovar Typhi strain Ty21a containing the F1- V fusion protein expression plasmid , such as for use as an oral vaccine against plague.

No. of Pages: 37 No. of Claims: 19

1)BAKER HUGHES, INCORPORATED

Address of Applicant :P.O. Box 4740, Houston TX, 77210-

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : CUTTING ELEMENTS FOR EARTH BORING TOOLS EARTH BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS AND RELATED METHODS

(51) International classification :E21B10/46,E21B10/42
(31) Priority Document No :13/477905
(32) Priority Date :22/05/2012
(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2013/042221 Filing Date :22/05/2013

:NA

(87) International Publication No :WO 2013/177278

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

2)KADIOGLU, Yavuz :22/05/2013 :WO 2013/177278 2)KADIOGLU, Yavuz 3)SCOTT, Danny, E. 4)MEINER ,Matthew ,J.

5)PESSIER ,Rudolf ,Carl 6)LYONS ,Nicholas, J.

11)DOLAN, Gerard Peter

2)ELEMENT SIX LIMITED

1)DIGIOVANNI, Anthony A.

(71)Name of Applicant:

(72) Name of Inventor:

4740 U.S.A.

7)VAN DER RIET, Clement ,D. 8)HERSCHELL ,Donald ,Royceton 9)JONKER ,Cornelis ,Roelof 10)NILEN ,Roger ,William Nigel

(57) Abstract:

Filing Date

Cutting elements for earth -boring tools include one or more recesses and/or one or more protrusions in a cutting face of a volume of superabrasive material. The superabrasive material may be disposed on a substrate. The cutting face may be non planar. The recesses and/or protrusions may include one or more linear segments. The recesses and/or protrusions may comprise discrete features that are laterally isolated from one another. The recesses and/or protrusions may have a helical configuration. The volume of superabrasive material may comprise a plurality of thin layers, at least two of which may differ in at least one characteristic. Methods of forming cutting elements include the formation of such recesses and/or protrusions in and/or on a cutting face of a volume of superabrasive material. Earth- boring tools include such cutting elements and methods of forming earth boring tools include attaching such a cutting element, to a tool body.

No. of Pages: 50 No. of Claims: 20

(21) Application No.9620/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: NOVEL ADSORBENT COMPOSITIONS

(51) International classification:B01J20/18,B01D53/02,B01J20/28 (71)Name of Applicant:

(31) Priority Document No :13/530236 (32) Priority Date :22/06/2012

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

(86) International Application :PCT/US2013/046862

Filing Date

:20/06/2013

(87) International Publication

:WO 2013/192435

(61) Patent of Addition to :NA

**Application Number** :NA Filing Date

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

1)PRAXAIR, TECHNOLOGY, INC.;

Address of Applicant :39 Old Ridgebury Road, Danbury, CT

06810 U.S.A.

(72) Name of Inventor:

1)BARRETT, Philip Alexander 2)PONTONIO, Steven, John 3) KECHAGIA, Persefoni 4)STEPHENSON, Neil, Andrew

5) WESTON, Kerry, C.

### (57) Abstract:

Adsorbent compositions useful in adsorption and separation processes are made using silicone derived binding agents. The adsorbent compositions are made from crystallite aluminosilicate particles bound with silicone- derived binding agents and optionally small amounts of a clay binder, to form agglomerated crystallite particles and are calcined to volatilize the organic components associated with the silicone- derived binding agents. The agglomerated crystallite particles have superior pore structures and superior crush strengths at low binder concentrations and exhibit enhanced N2 adsorption rates and capacities when used in air separation processes.

No. of Pages: 48 No. of Claims: 21

(21) Application No.9602/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR THE ADMINISTRATION OF A PULMONARY SURFACTANT BY ATOMIZATION

(51) International (A61M11/06,A61M11/02,A61M15/00)

classification ...AUTWIT/00,AUTWIT/02,

(31) Priority Document No :12165234.1 (32) Priority Date :23/04/2012

(33) Name of priority :EPO

country

(86) International Application No :PCT/EP2013/057744

Filing Date :12/04/2013

(87) International Publication No :WO 2013/160129

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

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

(71)Name of Applicant:

1) CHIESI FARMACEUTICI S.P.A.

Address of Applicant: Via Palermo 26/A, I- 43122 Parma Italy

(72)Name of Inventor : 1)DELLACA', Raffaele 2)MILESI, Ilaria

# (57) Abstract:

The method and system according to preferred embodiments of the present invention allows optimizing the dispensing of aerosol medicaments. In particular the system according to a preferred embodiment of the present invention allows the administration of an exogenous pulmonary surfactant to very young patients (e.g. preterm neonates). A catheter (101) conveys atomized surfactant directly to the retro- pharyngeal region in order to increase efficiency of the medicament administration without being invasive: this is particularly important for very young patients, such as pre term born neonates suffering from neonatal Respiratory Distress Syndrome (nRDS). It is possible to couple the catheter with a rigid scaffolding (e.g. metallic) to increase stiffness of the device and to improve easiness of positioning operations. In a preferred embodiment of the present invention the delivery of the atomized medicament is done by means of an air blasting technique.

No. of Pages: 43 No. of Claims: 22

(21) Application No.9603/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: NONWOVEN FABRIC FOR ABSORBENT AND ABSORBENT ARTICLE

(51) International

:D04H1/495,A61F13/15,A61F13/49

classification

:2012096970

(31) Priority Document No (32) Priority Date

:20/04/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/058980

:27/03/2013

Filing Date

:NA

:NA

(87) International Publication :WO 2013/157365

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

Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)UNICHARM CORPORATION

Address of Applicant: 182, Shimobun, Kinsei-cho

Shikokuchuo- shi ,Ehime 7990111 Japan

(72)Name of Inventor:

1)TANGE Satoru

2)OCHI, Kengo

3)KONISHI, Takayoshi

(57) Abstract:

Provided is nonwoven fabric for absorbents which has excellent diffusing properties. This nonwoven fabric is nonwoven fabric for absorbents that comprises cellulosic fibers, which are hydrophilic fibers, and is characterized by having an upper surface and a lower surface which is on the reverse side therefrom and by having, in the upper surface, ridges and grooves which extend in the lengthwise direction and are arranged alternately along the width direction. The nonwoven fabric is further characterized in that a portion A extends as the lower- surface- side part of each ridge, a portion B extends as the upper- surface -side sidewalls and top of the ridge, and a portion C is sandwiched between the portion A and the portion B and that the proportion of fibers in the cross sectional area of the portion A is higher than the proportion of fibers in the cross sectional area of the portion B and the proportion of fibers in the cross sectional area of the portion B is higher than the proportion of fibers in the cross -sectional area of the portion C.

No. of Pages: 66 No. of Claims: 10

(21) Application No.9604/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SHUNT TUBE CONNECTION ASSEMBLY AND METHOD

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	(71)Name of Applicant:  1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant: 10200 Bellaire Boulevard, Houston,
<ul> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :PCT/US2012/041970 :11/06/2012 :WO 2013/187878 :NA :NA :NA	Texas 77072 U.S.A. (72)Name of Inventor: 1)CUNNINGHAM ,Gregory Scott 2)LEAST, Brandon Thomas 3)GRECI ,Stephen Michael 4)LOPEZ, Jean Marc 5)VEIT, Jan

## (57) Abstract:

A shunt tube assembly comprises a shunt tube and a jumper tube comprising a first end. The shunt tube comprises a non -round cross section, and the first end of the jumper tube is coupled to the shunt tube at a coupling. The first end of the jumper tube comprises a substantially round cross section at the coupling.

No. of Pages: 61 No. of Claims: 29

(21) Application No.9605/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SHUNT TUBE ASSEMBLY ENTRY DEVICE

(51) International classification :E21B43/04,E21B43/08,E21B17/01

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

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

(86) International Application :PCT/US2012/041666

No :08/06/2012 Filing Date :08/06/2012

(87) International Publication :WO 2013/184138

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

(62) Divisional to Application
Number

Filing Date
:NA

(71) Name of Applicant:

1)HALLIBURTON ENERGY SERVICES INC.

Address of Applicant: 10200 Bellaire Boulevard, Houston

Texas 77072 U.S.A. (72)Name of Inventor:

1)LEAST, Brandon Thomas 2)GRECI, Stephen Michael 3)LOPEZ, Jean Marc

4)VEIT ,Jan

5)HOLDERMAN, Luke 6)COFFIN ,Maxime 7)PENNO, Andrew

(57) Abstract:

A shunt tube entry device comprises one or more inlet ports, a shroud disposed at least partially about a wellbore tubular, and a shunt tube in fluid communication with the chamber. The shroud defines a chamber between the shroud and the wellbore tubular, and the chamber is in fluid communication with the one or more entry ports.

No. of Pages: 48 No. of Claims: 24

(21) Application No.9627/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: MAGNETIZING INRUSH CURRENT SUPPRESSION DEVICE

(51) International

:H01H33/59,H01H9/54,H01H33/44

classification

(31) Priority Document No :2012132382

(32) Priority Date

:11/06/2012 (33) Name of priority country: Japan

(86) International Application

:PCT/JP2013/062430

:26/04/2013

Filing Date

(87) International Publication :WO 2013/187143

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)KABUSHIKI KAISHA TOSHIBA

Address of Applicant: 1, 1 Shibaura 1- chome, Minato-ku

Tokyo 1058001 Japan

(72)Name of Inventor:

1)KOSHIZUKA Tadashi

2)MARUYAMA Shiro

3)SAITO Minoru

4)MAEHARA Hiroyuki

5)SUZUKI Koji

(57) Abstract:

A magnetizing inrush current suppression device (6) that controls a breaker (2), wherein inter-pole capacitors (22U, 22V, 22W) are connected, and which opens/closes a connection between a transformer (3) and a three- phase alternating -current power supply (1) so as to control magnetizing inrush current. On the basis of the three -phase alternating current voltages (Vtu, Vtv, Vtw) on the transformer side of the breaker (2), the phase for which the absolute value is the largest or the phase for which the absolute value is the smallest, of the direct current components (Zdu, Zdv, Zdw) of the three-phase residual flux, is detected as the phase of interest. In addition, the breaker (2) is closed at the phase of interest when the phase of interest of the three phase alternating current voltages (Vu, Vv, Vw) on the power supply side is a closing target phase (c1) having a wave -height value which is the reverse polarity of the polarity of the direct current component (~Zdu, Zdv, ~Zdw) of the residual flux, and the breaker (2) is closed at the two phases other than the phase of interest when the phase of interest of the three- phase alternating current voltages (Vu, Vv, Vw) on the power supply side is a closing target phase (6c2) which reaches zero after the closing target phase (,c1).

No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MOBILE X-RAY DEVICE COMPRISING A TELESCOPIC COLUMN

(51) International classification	:A61B6/00,H05G1/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SOCIEDAD ESPA'OLA DE ELECTROMEDICINA Y
(32) Priority Date	: -	CALIDAD, S.A.
(33) Name of priority country	:	Address of Applicant :C/. Pelaya 9- 13, Pol. Ind. Ro de Janeiro
(86) International Application No	:PCT/ES2013/070473	E -28110 Algete (Madrid) Spain
Filing Date	:04/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2015/001144	1)MORENO VALLEJO, Ildefonso
(61) Patent of Addition to Application	:NA	2)SANZ PARRE'O Diego
Number	:NA	3)GARC • A ALONSO Angel
Filing Date	.IVA	4)FERN • NDEZ JUAREZ ,Javier
(62) Divisional to Application Number	:NA	5)CAUSAP‰ RODR • GUEZ ,Andrs
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a device comprising: a chassis (1) supporting the assembly; a telescopic column (2) including a lower fixed segment (5) that rotates about a vertical axis and at least one upper mobile segment (6); and a telescopic arm (3) that moves along the length of the vertical column the end of said arm supporting an X- ray generator head (4). According to the invention, the telescopic arm/head assembly can move from the lower position of the mobile column in the retracted position to the upper position of the mobile column in the extended position, and all of the movements of the column are manual, with the inclusion of a mechanical balancing mechanism comprising: a first mechanism formed by a spring, a pulley block and a variable- radius pulley, all housed in the fixed segment of the column; and a second balancing mechanism formed by a return pulley and a two-radii pulley that balances the weight between the cable inlet and the telescopic arm/head assembly.

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

(21) Application No.9629/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: MULTILAYER FILM, DRUG SOLUTION CONTAINER AND PROCESS FOR PRODUCTION **THEREOF**

(51) International :B32B27/32,B32B25/08,B32B27/00

classification (31) Priority Document No :2012111852

(32) Priority Date :15/05/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/062958

No :08/05/2013

Filing Date

(87) International Publication: WO 2013/172235

(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)OTSUKA TECHNO CORPORATION

Address of Applicant: 120 1 Aza Itayashima Akinokami, Seto-

cho, Naruto- shi ,Tokushima 7710360 Japan

(72)Name of Inventor:

1)SUZUE Koji

2)KAWAI Masaomi 3)MATSUO Hironobu

## (57) Abstract:

This multilayer film has a laminate structure comprising at least three layers, namely, an innermost layer, an outermost layer and an intermediate layer therebetween, wherein the innermost layer comprises a mixture which comprises 40 to 80wt% of a composite polypropylene- based resin that contains at least two polypropylene- based resins having melting points different from each other and 60 to 20wt% of a thermoplastic elastomer (E). The two polypropylene based resins comprise (A) a random copolymer that has a relatively low melting point and that is obtained by polymerization in the presence of a metallocene catalyst and (B) a random copolymer that has a melting point higher than that of the random copolymer (A).

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

(21) Application No.9634/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: DRAIN SYSTEM FOR A STERILIZATION APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:A61L2/07 :NA :NA :NA :PCT/EP2012/061610 :18/06/2012 :WO 2013/189515 :NA	(71)Name of Applicant:  1)GETINGE STERILIZATION AB Address of Applicant: P.O. Box 69, S-310 44 Getinge Sweden (72)Name of Inventor: 1)STORBERG, Bengt 2)TROEDSSON, Stefan
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to a sterilization apparatus (1) for sterilization of objects, said sterilization apparatus (1) comprising: a chamber (2) for receiving said objects to be sterilized, said chamber (2) having a sterilization medium inlet (3a) and a sterilization medium outlet (3b); an inlet flow control device (14) connected to said sterilization medium inlet (3a) for controlling a supply of a sterilization medium to said chamber (2); a drain system (6) connected to said sterilization medium outlet (3b) of the chamber (2) for controllable discharge of fluid from said chamber (2); and a control unit (12) connected to said inlet flow control device (14) and said drain system (6) and configured to control said inlet flow control device (14) and said drain system (6) in accordance with a predefined sterilization scheme; wherein the drain system (6) comprises: a drain inlet (60) connected to said sterilization medium outlet (3b) of the chamber (2); a drain outlet (62) connected to a vacuum system (8) for evacuating the chamber (2); a first conduit (64) connecting said drain inlet (60) and said drain outlet (62); and a proportional valve (66) arranged along said first conduit (64) said proportional valve (66) being controllable by said control unit (12) to partly restrict fluid flow through said first conduit (64) according to a predefined continuous relation between a control parameter and a valve opening of said proportional valve (66).

No. of Pages: 25 No. of Claims: 14

(21) Application No.9635/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: VANE PACK ASSEMBLY FOR VTG TURBOCHARGERS

:WO 2013/162899

(51) International :F02B37/00,F02B37/12,F02B37/22 classification

(31) Priority Document No :61/637389

(32) Priority Date :24/04/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/036097

No

:11/04/2013 Filing Date

(87) International Publication

(61) Patent of Addition to

**Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

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

Address of Applicant: Patent Department, 3850 Hamlin Road,

Auburn Hills, Michigan 48326 U.S.A.

(72) Name of Inventor: 1)WARD ,Daniel N.

(57) Abstract: A vane pack assembly is provided that can remove the spacers between the upper and lower vane rings to a location outside of the exhaust flow through the vane ring. In particular, the spacers are located within the vanes. Further, the assembly can effectively retain the small blocks used in varying the angle of the vanes on their associated vane pivot posts. A vane pack with such a configuration can

use inexpensive parts, eliminate the need for welding of the vane pack and/or simplify the vane pack assembly process. Further, the vane pack can be decoupled from the turbine housing thereby avoiding problems with differential thermal expansion.

No. of Pages: 19 No. of Claims: 16

(21) Application No.9642/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PEELABLE FILM FOR PACKAGING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:B65D65/40 :61/645410 :10/05/2012 :U.S.A. :PCT/US2013/040630 :10/05/2013 :WO 2013/170199	(71)Name of Applicant:  1)BERRY PLASTICS CORPORATION  Address of Applicant:101 Oakley Street, Evansville, Indiana 47710 U.S.A.  (72)Name of Inventor:  1)JOHNSON, Eric  2)WOLAK, Paul Z
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

A film is mated with a paper to form a space therebetween. The film is made of plastics material. Separation of the paper from the film can provide access to an article stored in the space provided between the paper and the film.

No. of Pages: 39 No. of Claims: 31

(21) Application No.1079/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DYNAMIC DISK REDISTRIBUTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:H04N :61/472,471 :06/04/2011 :U.S.A. :NA	Address of Applicant :TOWNSHIP LINE AND UNION MEETING ROADS, BLUE BELL, PENNSYLVANIA 19424, UNITED STATES OF AMERICA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA :NA :NA	(72)Name of Inventor: 1)KUNG LIN 2)DONALD HART
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

### (57) Abstract:

Methods and systems are disclosed to perform dynamic disk data redistribution in a database environment. The methods and systems disclosed herein provide for the transparent redistribution of data across multiple physical disks of a database while maintaining accessibility to the database. Methods and systems are also disclosed for handling requests to perform database operations on data that is in the process of being redistributed.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SOUS-VIDE COOKER

		(71)Name of Applicant:
(51) International classification	:A47J	1)EADES, MICHAEL, R.
(31) Priority Document No	:61/272,279	Address of Applicant :774 MAYS BLVD., #10-330,
(32) Priority Date	:08/09/2009	INCLINE VILLAGE, NV 89451, U.S.A.
(33) Name of priority country	:U.S.A.	2)EADES, MARY, DAN, M.D.
(86) International Application No	:PCT/US2010/002444	3)LAMSON, ROBERT, D.
Filing Date	:08/09/2010	4)EADES, DANIEL, J.
(87) International Publication No	:WO 2011/031306	5)MILES, RICHARD
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)EADES, MICHAEL, R.
Filing Date	:INA	2)EADES, MARY, DAN, M.D.
(62) Divisional to Application Number	:NA	3)LAMSON, ROBERT, D.
Filing Date	:NA	4)EADES, DANIEL, J.
		5)MILES, RICHARD

## (57) Abstract:

A sous-vide cooker is disclosed, The sous-vide cooker comprises a cooking chamber, a heating system, and a housing that houses the cooking chamber and the heating system. The cooking chamber comprises a chamber body, a multi-function lid, a passive water circulator and, optionally, a rack for holding food items during the cooking process. The heating system comprises a heating unit, one or more temperature sensors, a proportional-integral-derivative (PID) controller, and a control panel. The PID controller is calibrated. The sous-vide cooker maintains a constant water temperature within tolerances.

No. of Pages: 39 No. of Claims: 20

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD FOR SECURING THE STORAGE OF LONG-LIVED RADIOACTIVE WASTE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G21F 9/16 :91 605 :07/09/2009 :Luxembourg :PCT/EP2010/063041 :06/09/2010 :WO 2011/026976 :NA :NA :NA	(71)Name of Applicant:  1)TERRA NOBILIS S.A. Address of Applicant:63-65, RUE DE MERL, L-2146 LUXEMBOURG, LUXEMBOURG (72)Name of Inventor: 1)STENGEL, PATRICE
---	--	--

### (57) Abstract:

The invention relates to a radioactive package for ground-level or underground geological storage comprising radioactive waste and a first layer of vitrified materials, and a blocking layer comprising a matrix based on liquefied thermoplastic materials comprising a mixture of thermoplastic materials micronised to between 400 and 700 microns and preferably to 500 microns, and an iron oxide powder micronised to between 80 and 250 microns. The invention also relates to the blocking layer and to a method for securing a radioactive waste package.

No. of Pages: 18 No. of Claims: 13

(21) Application No.9648/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:15/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: FILTER SYSTEMS WITH DIRTY AIR CHAMBER SPACER ELEMENTS AND METHODS OF USING THE SAME

(51) International :B01D46/00,B01D46/24,B01D46/42

classification

:61/648494 (31) Priority Document No (32) Priority Date :17/05/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/041540

Application No :17/05/2013 Filing Date

(87) International Publication :WO 2013/173691

(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)DONALDSON COMPANY, INC.

Address of Applicant: 1400 West 94th Street, P.O. Box 1299,

Minneapolis, MN 55440- 1299 U.S.A.

(72) Name of Inventor: 1) RAETHER, Thomas, D.

## (57) Abstract:

Filter systems described herein include one or more spacer elements positioned in the dirty air chamber along with the filter elements attached to the spacer elements. The dirty air inlet delivers a dirty air stream into the dirty air chamber along a dirty air flow axis.

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

(21) Application No.9649/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/11/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD FOR MANUFACTURING MULTIPLE PANE GLASS

(51) International classification	:C03C27/06	(71)Name of Applicant:
(31) Priority Document No	:2012114979	1)PANASONIC INTELLECTUAL PROPERTY
(32) Priority Date	:18/05/2012	MANAGEMENT CO. LTD.
(33) Name of priority country	:Japan	Address of Applicant :1 61 Shiromi 2- chome, Chuo- ku,
(86) International Application No	:PCT/JP2013/003128	Osaka- shi ,Osaka 5406207 Japan
Filing Date	:16/05/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/172033	1)ABE Hiroyuki
(61) Patent of Addition to Application	:NA	2)NONAKA Masataka
Number	:NA	3)URIU Eiichi
Filing Date	:NA	4)HASEGAWA Kenji
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Provided is a manufacturing method that, despite being a simple process, makes it possible to manufacture multiple pane glass that has no protrusions protruding from the outside surfaces of glass sheets. In this method for manufacturing multiple- pane glass , the periphery of a pair of glass sheets (2, 3) that are disposed opposite each other with a prescribed separation therebetween is sealed using a sealing material (4), forming between the glass sheets a space (A) that can be made airtight, and the pressure inside said space is reduced by evacuating the air therefrom via an evacuation port (7). After the pressure inside said space has been reduced, a region- forming material (5) disposed inside said space partitions said space into an evacuation port region (B) that contains the evacuation port and a reduced -pressure region (C) other than the evacuation- port region.

No. of Pages: 63 No. of Claims: 12

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CONTINUOUS CASTING MOLD AND METHOD FOR CONTINUOUS CASTING OF STEEL

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(34) B22D11/04,B2
(2012143839
(27/06/2012
(33) Name of priority country
(34) Japan

(86) International Application No :PCT/JP2013/003654

Filing Date :11/06/2013 (87) International Publication No :WO 2014/002409

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

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

:B22D11/04,B22D11/059 (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)NABESIMA Seiji2)IWATA Naomichi3)ARAMAKI Norichika

4)MIKI Yuji

### (57) Abstract:

Provided is a continuous casting mold capable of preventing surface cracking due to uneven cooling of the solidified shell in the initial period of solidification as well as surface cracking due to nonuniform solidified shell thickness arising from the transition from d iron to  $\ddot{Y}$  iron in medium carbon steel associated with a peritectic reaction. In this continuous casting mold (1), the area of the inner wall surface of a copper mold from a selected position above the meniscus to a position 20 mm or more below the meniscus has multiple mutually independent low thermal conductivity metal-filled sections (3) of 2 20 mm diameter. In the low thermal conductivity metal filled sections a metal with a thermal conductivity of 30% or less with respect to the thermal conductivity of copper is filled and formed inside a circular recess (2). Moreover the metal-filling thickness (H) in the low thermal conductivity metal-filled sections is equal to or less than the depth of the circular recess and satisfies the relationship of formula (I) with the diameter (d) of the low thermal conductivity metal filled sections. 0.5 = (H) = (d) (I)

No. of Pages: 71 No. of Claims: 11

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEMS FOR DIFFERENTIAL OPTICAL SIGNALING

(51) International classification :H04B10/2581,H04
(31) Priority Document No :61/651599
(32) Priority Date :25/05/2012

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

(86) International Application No :PCT/US2013/041762

Filing Date :20/05/2013 (87) International Publication No :WO 2013/177012

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

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

:H04B10/2581,H04J14/04 (71)Name of Applicant :

1)CORNING INCORPORATED

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

14831 U.S.A.

2)HEMENWAY, Brewster Roe, Jr. 3)ROUDAS, Ioannis Georgios

(72)Name of Inventor:

1)HEMENWAY, Brewster Roe, Jr. 2)ROUDAS, Ioannis Georgios

### (57) Abstract:

According to one embodiment, a system for transmitting differential optical signals can include an optical modulation device, a multicore optical waveguide, and a balanced optical receiver. The optical modulation device can include at least one optical input port and multiple optical output ports. The optical modulation device can transform the optical input signal into multiple complimentary modulated optical signals that are transmitted from the multiple optical output ports. The multi-core, optical waveguide can include multiple cores disposed within a cladding material. The multiple cores, the cladding material, or both can be configured to mitigate transmission of optical energy between the multiple cores. The balanced optical receiver can include multiple photodetectors. The balanced optical receiver can be communicatively coupled to the multiple cores of the multi-core optical waveguide. Each of the multiple photodetectors can transform at least one of the multiple complimentary modulated optical signals into an electrical signal.

No. of Pages: 40 No. of Claims: 27

(21) Application No.9667/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : POLYURETHANE- BASED WATERPROOFING COMPOSITION FOR THE WATER -PROOFING OF CONCRETE STRUCTURES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :PCT/EP2012/060651 :06/06/2012 :WO 2013/182234 :NA :NA :NA	(71)Name of Applicant:  1)W.R. GRACE & CO. CONN.  Address of Applicant:7500 Grace Drive, Columbia, MD 21044 U.S.A. (72)Name of Inventor:  1)DOMANOWSKI, Wojciech 2)JANASZCZYK, Monika
Application Number Filing Date	:NA	

## (57) Abstract:

The present invention relates to waterproofing compositions based on polyurethanes, which are particularly useful for the waterproofing of concrete structures. The compositions are characterized in that they comprise at least one branched isocyanate component comprising on average at least 2.3 isocyanate groups per molecule and at least one hydroxycarboxylic acid component. Preferably the composition further comprises at least one polyol component and at least one latent amine component.

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

(22) Date of filing of Application :17/11/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD OF ESTIMATING A REFLECTION PROFILE OF AN OPTICAL CHANNEL

:G01M11/00,H04B10/071 (71)Name of Applicant : (51) International classification (31) Priority Document No :12305674.9 1)ALCATEL LUCENT (32) Priority Date :14/06/2012 Address of Applicant: 3, avenue Octave Greard, F-75007 (33) Name of priority country :EPO Paris France (86) International Application No :PCT/EP2013/058956 (72) Name of Inventor: Filing Date :30/04/2013 1)MEERSMAN .Stiin (87) International Publication No :WO 2013/185975 2)VANKEIRSBILCK, Rudi (61) Patent of Addition to Application 3)STRAUB, Michael :NA Number 4)HEHMANN, Joerg :NA Filing Date 5) CLYBOUW, Yannick (62) Divisional to Application Number: NA Filing Date :NA

## (57) Abstract:

Proposed is a method of estimating a reflection profile of an optical channel. The method comprises different steps. A measured reflection profile of the optical channel, such as an OTDR trace, is provided. One or more reflection peaks are estimated within the measured reflection profile. A residual reflection profile is determined, by removing the estimated reflection peaks from the measured reflection profile. Furthermore a modified residual reflection profile is determined by modifying one or more estimated crosstalk frequency components within the residual reflection profile. Finally, the estimated reflection profile is determined, by superposing the estimated reflection peaks and the modified residual reflection profile.

No. of Pages: 24 No. of Claims: 13

(21) Application No.9669/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: ADHESIVE EARPLUGS USEFUL FOR SEALING THE EAR CANAL

(51) International classification :A61F11/00,A61F11/08,A61F11/12

(31) Priority Document No :61/653080

(32) Priority Date :30/05/2012(33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/041816

No :20/05/2013

Filing Date .20/03/201

(87) International Publication :WO 2013/181009

(61) Patent of Addition to
Application Number
:NA

Application Number
Filing Date

(22) Printing Land Application

(62) Divisional to Application :NA
Number :NA

Filing Date

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

Address of Applicant :1525 -B O'Brien Drive, Menlo Park

,California 94025 U.S.A. (72)Name of Inventor:
1)BHAT, Nikhil

2)SALEKI ,Mansour 3)GIROTRA ,Rohit 4)ANDREAS, Bernard H.

5)CANTU ,Alfredo 6)BRAHANA ,Christopher Todd

7)RANADE, Shrirang V.

8)RAY, Miranda

(57) Abstract:

Systems and methods are provided for sealing an ear canal for retaining a solution in the ear canal. Adhesive earplugs are provided through which the solution can be delivered, and which, following delivery, retain the fluid in the ear canal. The systems and methods may also be useful for delivering an anesthetizing solution to the ear canal of a human patient and for maintaining the solution therein for use with an iontophoresis system for anesthetizing the tympanic membrane.

No. of Pages: 39 No. of Claims: 30

(21) Application No.9682/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : LIFT CAGE DOOR PROVIDED WITH AN IMPROVED BLOCKING/RELEASING DEVICE OF THE MECHANISM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:B66B13/12 :NA :NA :NA :PCT/IT2012/000184 :18/06/2012 :WO 2013/190578 :NA :NA	(71)Name of Applicant:  1)SEMATIC S.P.A. Address of Applicant: Via Comm. Francesco Zappa ,5, I-24046 Osio Sotto, Bergamo Italy (72)Name of Inventor: 1)ZAPPA, Roberto
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A lift cage door (4), comprising a crosspiece 8 which houses the drive mechanisms, an access aperture 12 and two cage doors or panels 14, 16 which are operatively connected to first motor means (24) which move the cage doors (14, 16) form an open position to a closed position. Advantageously, the cage (4) comprises second motor means (36) mechanically and operatively separate from the first motor means (24), wherein said second motor means (36) are connected to a blocking/releasing carriage (40) of the cage doors (14, 16). The blocking/releasing carriage (40) is connected to at least one chute connected to at least one of said cage doors (14, 16), so as to permit the blocking/releasing of the chutes independently of the actuation of the first motor means (24) and of the cage doors (14, 16).

No. of Pages: 24 No. of Claims: 13

(21) Application No.9684/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention : COUPLING STRUCTURE, COUPLING MEMBER HAVING COUPLING STRUCTURE, AND METHOD FOR PRODUCING COUPLING MEMBER HAVING COUPLING STRUCTURE

(31) Priority Document No:20121308(32) Priority Date:08/06/203(33) Name of priority country:Japan	CORPORATION Address of Applicant :6- 1, Marunouchi 2- chome, Chiyoda-ku ,Tokyo 1008071 Japan (72)Name of Inventor :
---	---

## (57) Abstract:

This coupling member comprises a hollow rod section configured from a metal tube, and a fastening section formed so as to join to the end of the hollow rod section by plastic deformation of the metal tube. The fastening section comprises a pair of proximal end sections that join to a peripheral wall section forming a closed cross section in the end of the hollow rod section and that are separated from each other, a bottom wall having a flat surface joined with the pair of proximal end sections, and a pair of distal end sections having a pair of side walls that bend inward from the widthwise ends of the bottom wall in at least the proximal end sides.

No. of Pages: 74 No. of Claims: 19

(22) Date of filing of Application :07/03/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DEVICE FOR IMPROVING THE FAULT TOLERANCE OF A PROCESSOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G06M :1100688 :08/03/2011 :France :NA :NA	(71)Name of Applicant: 1)THALES Address of Applicant: 45 RUE DE VILLIERS, 92200 NEUILLY/SUR/SEINE, FRANCE (72)Name of Inventor: 1)GUY ESTAVES 2)FABIAN TOURTEAU
	:NA :NA :NA :NA	
Filing Date	:NA	

### (57) Abstract:

The invention relates to a device for improving the fault tolerance of a processor (100) installed on a motherboard, the said motherboard comprising memory units (102, 103, 104) and a data input/output interface (105), the said processor (100) being able to execute at least one application (201), the said device being characterized in that it includes: - a software layer, called a hypervisor (202), centralizing exchanges between the said processor (100) and the said application (201) and implementing fault tolerance management mechanisms, and - a programmable electronic component (101) forming an interface between the said processor (100) on the one hand.

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

(21) Application No.3001/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention: OPTIMIZED WORK EXCHANGER SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:19/10/2009 :WO 2011/045628 :NA :NA	(71)Name of Applicant: 1)AQUALYNG AS Address of Applicant: LYNG INDUSTRIAL PARK, N-7125 VANVIKAN, NORWAY (72)Name of Inventor: 1)MYRAN, AME, FRITDJOF 2)RAGNAR, LYNG 3)PEREZ-FERNANDEZ, FERNANDO, JAVIER
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

An optimized system for conserving energy used in the process of reverse osmosis which creates, controls and measures a virtual septum within an energy recovery work exchanger, multiple-orifice distribution plates, vessels of varying sizes and tanks placed at optimum elevations.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PHASE LAYERING APPARATUS AND METHOD FOR A COMPLETE AUDIO SIGNAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:10/09/2010 :WO 2011/031953 :NA	(71)Name of Applicant:  1)GOLDFARB, BARRY, STEPHEN  Address of Applicant: 1678 BENT OAKS BOULEVARD  DELAND, FLORIDA 32724, UNITED STATES OF AMERICA  (72)Name of Inventor:  1)GOLDFARB, BARRY, STEPHEN
(61) Patent of Addition to Application	:NA :NA :NA :NA	

#### (57) Abstract:

The present invention relates to an apparatus and method for redeeming otherwise closed and concealed information contained in audio signals. This includes both the primary reference signal, and a plurality of redundant duplicate signals, substantially identical in all respects to the primary reference signal except in relation to magnitude and phase, for the purpose of unfolding, or opening the audio signal content into layers that result in an omni-directional acoustic signal, representing the sound as it would behave in nature. The audio reproduction system uses an inphase circuit and a separate phase layering technique circuit to drive independent multiple mixed channels, to produce an open, substantially complete sound from a discrete audio signal, for the purpose of enabling a substantially complete audio signal to be formed, or to transform existing incomplete audio signals into a substantially complete audio signal.

No. of Pages: 35 No. of Claims: 34

(21) Application No.9657/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/11/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: ELECTRICALLY OPERATED AEROSOL GENERATING SYSTEM

(51) International

:A24F47/00,A24D3/06,A24B13/00

classification

(31) Priority Document No (32) Priority Date

:12170360.7 :31/05/2012

(33) Name of priority country: EPO

(86) International Application

:PCT/EP2013/061211

:30/05/2013 Filing Date

(87) International Publication

:WO 2013/178769

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)PHILIP MORRIS PRODUCTS S.A.

Address of Applicant: Quai Jeanrenaud 3, CH -2000

Neuchatel Switzerland (72) Name of Inventor:

1)METRANGOLO, Alessandro 2)GINDRAT, Pierre -Yves

3)FAULKNER, John

4)SCHALLER ,Jean-Pierre 5)SCHNEIDER, Jean-Claude

#### (57) Abstract:

A system (200) comprising an electrically- operated aerosol generating apparatus and an aerosol- generating article (1000) for use with the apparatus the aerosol -generating article comprising an aerosol- forming substrate (1020) comprising a rod comprising a first sheet comprising an aerosol- forming material and a second sheet of non tobacco material the first and second sheets being gathered together and circumscribed by a wrapper. The second sheet preferably comprises a material that functions to modify an aerosol evolved from the aerosol- forming material or modifies other properties of the rod.

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

(21) Application No.1072/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : HEIGHT ADJUSTMENT USING A DEVICE GIVING USER, FLEXIBILITY OF HEIGHT ADJUSTMENT BETWEEN SHELVES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:NA :NA :NA :NA	(71)Name of Applicant:  1)PANKAJ GULATI  Address of Applicant: PLOT NO. 21, SECTOR-6, A-301, MAYANK HARISON, DWARKA, N.D75 Delhi India  2)JASBIR SINGH
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	(72)Name of Inventor: 1)PANKAJ GULATI 2)JASBIR SINGH

### (57) Abstract:

Frame comprising adjustable shelves which are mounted to frame by way of placing device on ends of a shelf and making shelf slide on frame and locking it at desirable position

No. of Pages: 6 No. of Claims: 1

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD AND CONTROL APPLIANCE FOR OPERATING A VALVE

(71)Name of Applicant: 1)ROBERT BOSCH GMBH (51) International classification :F02D 41/20 Address of Applicant :POSTFACH 30 02 20, 70442 (31) Priority Document No :10 2009 054 588.3 STUTTGART, GERMANY (32) Priority Date :14/12/2009 (72) Name of Inventor: (33) Name of priority country :Germany 1)JOOS, KLAUS (86) International Application No :PCT/EP2010/068702 2)SCHLUETER, RUBEN Filing Date :02/12/2010 3)NEUBERG, JENS (87) International Publication No :WO 2011/082901 4)KEMMER, HELERSON (61) Patent of Addition to Application :NA 5)RAPP, HOLGER Number 6)HAMEDOVIC, HARIS :NA Filing Date 7) KOENIG, JOERG (62) Divisional to Application Number :NA 8) HOANG, ANH-TUAN Filing Date :NA 9)WICHERT, BERND 10)HIRCHENHEIN, ACHIM

## (57) Abstract:

The present subject matter relates to a method for operating a valve (18a), especially a fuel injection valve of an internal combustion engine (10) of a motor vehicle. An auxiliary variable (m) is obtained according to an electrical operating variable (u) of an electromagnetic actuator (26, 30) driving a component of the valve (18a), especially a valve needle (28), and is examined for an occurrence of a pre-determined characteristic. A reference variable (mref) is determined according to the auxiliary variable (m), such that the auxiliary variable (m) is modified according to the reference variable (mref) in order to obtain a modified auxiliary variable (mmod), and the modified auxiliary variable (mmod) is examined for the occurrence of the pre-determined characteristic.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR SENSING A LIQUID LEVEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:E21B 47/04 :12/573,434 :05/10/2009 :U.S.A. :PCT/US2010/051283 :04/10/2010 :WO 2011/044023 :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 (72)Name of Inventor: 1)THOMPSON, M. CLARK 2)WEBB, CHARLES H. 3)RUBBO, RICHARD P. 4)ANDERSON, II, DAVID KING 5)YAMASAKI, MARK H. 6)SMITHSON, MITCHELL CARL 7)GONZALEZ, MANUEL E.
---	---	--

### (57) Abstract:

A system, method and device may be used to monitor fluid levels in a borehole. The system includes a pulse generator to generate a pulse of electromagnetic energy to propagate along the wellbore towards a surface of the fluid, a detector to detect a portion of the electromagnetic pulse reflected from the surface of the fluid and propagated along the wellbore towards the detector, a processor to analyze detected signals to determine a level of the surface of the fluid. In an embodiment, the system includes a pump controller to control the operation of a pump located in the wellbore based on the fluid surface level.

No. of Pages: 33 No. of Claims: 55

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: STORE AWARE PREFETCHING FOR A DATASTREAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G06F 12/08 :12/558,465 :11/09/2009 :U.S.A. :PCT/US2010/048241 :09/09/2010 :WO 2011/031837 :NA :NA	(71)Name of Applicant:  1)ADVANCED MICRO DEVICES, INC. Address of Applicant: ONE AMD PLACE, P.O. BOX 3453, SUNNYVALE, CALIFORNIA 94088, UNITED STATES OF AMERICA (72)Name of Inventor: 1)SANDER, BENJAMIN, T. 2)SWAMY, BHARATH, NARASIMHA 3)PUNYAMURTULA, SWAMY
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A system and method for efficient data prefetching. A data stream stored in lower-level memory comprises a contiguous block of data used in a computer program. A prefetch unit in a processor detects a data stream by identifying a sequence of storage accesses referencing a contiguous blocks of data in a monotonically increasing or decreasing manner. After a predetermined training period for a given data stream, the prefetch unit prefetches a portion of the given data stream from memory without write permission, in response to an access that does not request write permission. Also, after the training period, the prefetch unit prefetches a portion of the given data stream from lower-level memory with write permission, in response to determining there has been a prior access to the given data stream that requests write permission subsequent to a number of cache misses reaching a predetermined threshold.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AUTOMATIC SPEED CONTROLLER FOR ZONE REFINER

		(71)Name of Applicant :
(51) International classification	:H05K	1)DEPARTMENT OF INFORMATION TECHNOLOGY
(31) Priority Document No	:NA	(DIT)
(32) Priority Date	:NA	Address of Applicant :MINISTRY OFCOMMUNICATIONS
(33) Name of priority country	:NA	AND INFORMATION TECHNOLOGY, 6, CGO COMPLEX,
(86) International Application No	:NA	NEW DELHI-110003 India
Filing Date	:NA	2)CENTRE FOR MATERIALS FOR ELECTRONICS
(87) International Publication No	:NA	TECHNOLOGY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NEGEGOWNIVARI RAMACHANDRA
(62) Divisional to Application Number	:NA	MUNIRATHNAM
Filing Date	:NA	2)DUVVURI SATYANARAYANA PRASAD
-		3)TIRTHAHALLI LAKSHMAIASH PRAKASH

## (57) Abstract:

The invention relates to an Automatic Speed Controller for Zone Refiner comprising of a microprocessor controlled stepper motor, of 24V and 1.6A capacity to regulate the forward and backward speeds for reciprocating movements of heater and providing requisite torque of 80 N-cm, the said stepper motor connected via love-joy coupling to the screw type movement of the zone refiner driven by the stepper motor drive and controlled by a microprocessor controller, powered by MOSFET power device, with a supporting electronic circuit, to carry out zone melting operation automatically thereby avoiding the complicated circuitry and saving space and volume.

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

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: RESORCINOL BOUND TRANSITION METAL-POLYPYRIDYL COMPLEXES

	~~-	
(51) International classification	:CO7D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AMITAVAS DAS
(61) Patent of Addition to Application Number	:NA	2)HIRENDRA NATH GHOSH
Filing Date	:NA	3)TANMAY BANERJEE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to resorcinol bound transition metal-pyridyl ligand complexes of Formula-I and Formula-I1 for dye sensitized solar applications and process for preparation thereof wherein, M is transition metal selected from the group consisting of Ruthenium (11) and Osmium (11). Further the invention provides resorcinol bound transition metal pyridyl complexes of formula-I and formula-I1 covalently bound to nano-Ti02 surface.

No. of Pages: 32 No. of Claims: 10

(21) Application No.219/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD OF MANUFACTURING GEAR WITH DOUBLE TEETH PATTERNS INVOLVING FORGING AND COLD EXTRUSION PROCESSES

(51) International classification	:B21K1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHIVAM AUTOTECH LIMITED
(32) Priority Date	:NA	Address of Applicant :303, 3ND FLOOR, SQUARE ONE, C-
(33) Name of priority country	:NA	2, SAKET DISTRICT CENTRE, SAKET, NEW DELHI - 110017
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NEERAJ MUNJAL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

### (57) Abstract:

The present invention is relating to the method of manufacturing gear with double teeth patterns involving forging and two stage cold extrusion process, a component to be applied in power transmission systems, and more particularly to be used in motor cycles; wherein the whole structural features of said gear, along with its double teeth pattern therein, is achieved during the forging and cold extrusion processes followed by various sub processes.

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

(21) Application No.3040/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PROCESS FOR THE PREPARATION OF FOSAMPRENAVIR CALCIUM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07F 9/06 :NA :NA :NA :PCT/IB2010/054191 :16/09/2010 :WO 2011/033469 :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 (72)Name of Inventor:  1)SATISH MANOHAR BHOGE 2)PRAKASH KSHIRSAGAR 3)SANTOSH RICHHARIYA 4)KAPTAN SINGH
--	--	---

## (57) Abstract:

The present invention relates to process for the preparation of fosamprenavir calcium.

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

(22) Date of filing of Application :16/01/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD FOR DETECTION OF RICIN

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number : N	(71)Name of Applicant:  1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  Address of Applicant: MINISTRY OF DEFENCE, GOVT OF INDIA, DIRECTORATE OF ER & IPR, IPR GROUP, ROOM NO. 348, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110 011 (INDIA) (72)Name of Inventor: 1)OM, KUMAR 2)SINGH, YAMINI 3)SEHGAL, PAYAL 4)VIJAYARAGHAVAN, RAJAGOPALAN
--	--

### (57) Abstract:

The present invention relates to a very specific method of detection of ricin which employs technique of is a Immuno PCR for the detection. In this method sample is contacted with a detector molecule which has streptavidin moiety and which forms a conjugate with the ricin molecule by antigen antibody reactions. This is further contacted with a nucleic acid molecule which is capable of eliciting a response. This molecule is biotinylated. The antigen antibody conjugate further forms a conjugate with the biotinylated nucleic acid molecule. This bigger conjugated molecule is then eluted and amplified using PCR. The process is highly cost effective and consumes only 4 to 5 hrs.

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

(21) Application No.1082/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND DEVICE FOR THE VALIDATION OF CONTAMINATION AND CLEANING IN A SYSTEM

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:10 2011 007 309.4	1)KRONES AG Address of Applicant :BOHMERWALDSTRASSE 5 93073
(32) Priority Date	:13/04/2011	NEUTRAUBLING GERMANY
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)SCHEUREN, HANS
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 for the determination of the degree of contamination of an examination object, such as say a system, in particular a system for filling liquid foodstuffs, or a component or subsection of a system, in particular a pipe, with the step of measurement of a property distribution of a first examination medium before and after passage through the examination object.

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

(22) Date of filing of Application :06/03/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : ANTI-INFECTIVE LUBRICANT FOR MEDICAL DEVICES AND METHOD FOR PREPARING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:12/561,863 :17/09/2009 :U.S.A. :PCT/US2010/045616 :16/08/2010 :WO 2011/034675 :NA :NA	(71)Name of Applicant:  1)BECTON, DICKINSON AND COMPANY Address of Applicant: 1 BECTON DRIVE FRANKLIN LAKES, NEW JERSEY 07417-1880 UNITED STATES OF AMERICA (72)Name of Inventor: 1)HOANG, MINH, QUANG 2)KHAN, MOHAMMAD, A.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A lubricious antiseptic coating material containing various solvents to achieve mutual miscibility and provide a generally homogenous product. A coating material is provided having an antipathogenic agent and a solvent for dissolving the same. The coating further includes a lubricious agent and a solvent for dissolving the same. Thus, the coating material contains antiseptic and lubricious properties suitable for application to a desired surface to kill or inhibit the growth of pathogens known to cause catheter related bloodstream infections.

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

(22) Date of filing of Application :18/07/2012 (43) Publication Date : 31/07/2015

(54) Title of the invention : STAPHYLOCOCCAL ENTEROTOXIN B USING RECOMBINAT DNA TECHNOLOGY FOR THE DIAGNOSTIC AND THERAPEUTIC USAGE AGAINST STAPHYLOCOCCAL ENTEROTOXAEMIA AND A PROCESS THEREOF

(51) International classification	. A 61 P	(71)Name of Applicant:
	:NA	
(31) Priority Document No		1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date		DEVELOPMENT ORGANIZATION
(33) Name of priority country	:NA	Address of Applicant :MINISTRY OF DEFENCE,
(86) International Application No	:NA	GOVERNMENT OF INDIA, ROOM NO. 348, B-WING, DRDO
Filing Date	:NA	BHAVAN, RAJAJI MARG, NEW DELHI:- 110011 INDIA.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)RAJESHKUMAR JAGDISH TIRPUDE
Filing Date	:NA	2)HARSH VARDHAN BATRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention provides processes and compositions for production and purification of recombinant staphylococcal enterotoxin B (rSEB) protein for use in diagnosis and vaccine development. This process generates an economically viable quantity of rSEB protein. The purification methods generally involve multiple steps including hydrophobic interaction chromatography (HIC), buffer exchange (desalting), and cation exchange. The final product of the purification is a highly purified rSEB composition satisfying clinical safety criteria and is immunogenic and protective against lethal challenge in a murine model. The methods and compositions of the invention provide useful tools for treatment of disease and other conditions caused by bacterial super-antigens, including food poisoning, bacterial arthritis and other autoimmune disorders, toxic shock syndrome, and insults attributed to the potential use of enterotoxins as biowarfare agents.

No. of Pages: 37 No. of Claims: 10

(21) Application No.3028/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

(54) Title of the invention : METHOD AND A DRUM COATER FOR COATING SMALL ITEMS, SUCH AS TABLETS, AND A COATING SYSTEM COMPRISING SUCH DRUM COATERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61J 3/00 :NA :NA :NA :PCT/IB2009/054408 :08/10/2009 :WO 2011/042773	(71)Name of Applicant: 1)GEA PHARMA SYSTEMS LIMITED Address of Applicant: P.O. BOX 15, EASTLEIGH, HAMPSHIRE SO53 4ZD UNITED KINGDOM (72)Name of Inventor: 1)WALDRON MICHEL SIMON
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

### (57) Abstract:

The drum coater comprises a substantially cylindrical drum (11) with a peripheral wall and a substantially horizontal axis of rotation. The method comprises providing a coating zone within the drum, feeding tablets into the drum, spinning the drum containing the tablets at a rotational speed such that a substantially annular bed of tablets is created, providing means for creating a cascade (19) of tablets at least in a part of the coating zone and spraying the tablets in the coating zone.

No. of Pages: 22 No. of Claims: 19

(21) Application No.3029/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SUPPORT ARRANGEMENT FOR AN INNER COMPONENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B65D 90/48 :10 2010 007 498.5 :09/02/2010 :Germany :PCT/DE2010/001351 :18/11/2010 :WO 2011/098057 :NA :NA :NA	(71)Name of Applicant: 1)LURGI GMBH Address of Applicant:LURGIALLEE 5, 60439 FRANKFURT, GERMANY (72)Name of Inventor: 1)WEIGAND PETER 2)QUASS GUNTER 3)VON WAADEN JENS
--	---	--

#### (57) Abstract:

A port arrangement for access to a demountable component located in the interior of an apparatus or container, comprising a first port connected with the internal component with a releasable connection and a second port connected with the outer jacket, wherein the first port is guided through the second port.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AN IMPROVED CAP FOR LEAD ACID BATTERY WITH LEVEL INDICATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> </ul>	1/00 :NA :NA :NA	(71)Name of Applicant:  1)SU-KAM POWER SYSTEMS LIMITED  Address of Applicant: 306 KIRTI DEEP BUILDING, NEW  DELHI India  (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)KUNWER SACHDEV 2)SANJEEV KUMAR SAINI
(87) International Publication No	: NA	3)RAJGURU VERMA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

This invention relates to an improved cap for lead acid battery with level indicator comprising of a hollow member with a float member slidingly disposed therein, wherein said float member comprises a float sensing unit for indicating level of water/electrolyte in the battery. The present invention controls the evaporation of the water, eliminates the need of topping the water onto the battery and reduces the water consumption.

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD FOR IMPROVED FERMENTATION

:C12N 1/20	(71)Name of Applicant:
:09172434.4	1)DSM IP ASSETS B. V.
:07/10/2009	Address of Applicant :HET OVERLOON 1, NL - 6411 TE
:EUROPEAN	HEERLEN, THE NETHERLANDS
UNION	(72)Name of Inventor:
:PCT/NL2010/050660	1)VAN HYLCKAMA VLIEG, JOHANNES EPEUS
:07/10/2010	THEODOOR
:WO 2011/043665	2)HUGENHOLTZ, JEROEN
·NI A	3)DE BOK, FRANCISCUS ADRIANUS MARIA
	4)SIEUWERTS, SANDER
:NA	
:NA	
:NA	
	:09172434.4 :07/10/2009 :EUROPEAN UNION :PCT/NL2010/050660 :07/10/2010 :WO 2011/043665 :NA :NA

### (57) Abstract:

The present invention discloses improved fermentation conditions for S. thermophilus and/or L. bulgaricus, allowing efficient preparation of fermented products based on monoculture of these strains. Such fermented products may be fermented food products or may be starter cultures for use in the preparation of fermented food products. The invention also describes the use of certain compounds for stimulating growth of S. thermophilus and/or L. bulgaricus.

No. of Pages: 25 No. of Claims: 13

(21) Application No.3025/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: EXTRACELLULAR TARGETED DRUG CONJUGATES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K 39/395 :61/240, 775 :09/09/2009 :U.S.A. :PCT/US2010/048284 :09/09/2010 :WO 2011/031870 :NA :NA :NA	(71)Name of Applicant:  1)CENTROSE, LLC Address of Applicant:802 DEMING WA, MADISON, WISCONSIN 53717-1917, UNITED STATES OF AMERICA (72)Name of Inventor: 1)CHARLES B. HUTCHINSON (DECEASED) 2)JAMES R. PRUDENT 3)JON S. THORSON 4)JILL HUTCHINSON BOLLETTIERI
---	---	--

#### (57) Abstract:

The present invention relates to, inter alia, extracellular drug conjugates (EDC) in which an antibody or other targeting agent (e.g. a targeting moiety) is linked to a drug through a linker (e.g. a non-cleavable linker). These conjugates are useful in the treatment of disease and/or as a tool in the evaluation of biological systems.

No. of Pages: 138 No. of Claims: 21

(21) Application No.3026/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: APPARATUS FOR WASTE WATER TREATMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C02F 3/00 :61/272,295 :09/09/2009 :U.S.A. :PCT/CA2010/001411 :09/09/2010 :WO 2011/029191 :NA :NA	(71)Name of Applicant:  1)PUROSEPTIC INC.  Address of Applicant:54, RUE GROLEAU, TRING-JONETION, QUEBEC GON 1X0, CANADA (72)Name of Inventor:  1)MARTIN GROLEAU
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An apparatus for treating water comprises a conduit assembly for receiving waste water from a downstream inlet and for providing treated water out of an upstream outlet. The conduit assembly comprises a plurality of substantially vertical conduits in fluid communication providing for water to flow in an alternating downward and upward pathway therein. A medium for providing bacterial growth being is mounted within the conduit assembly. The medium comprises a plurality of substrate surfaces stacked along the vertical length of at least one conduit. Each substrate surface extends along the width of the conduit and provides for bacterial growth thereon. The apparatus includes a housing defining at least one chamber for receiving the conduit assembly therein.

No. of Pages: 41 No. of Claims: 70

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: FLEXIBLE CONTAINER HAVING FLEXIBLE HANDLES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:B65D 33/08 :61/241,213 :10/09/2009 :U.S.A. :PCT/US2010/025348 :25/02/2010 :WO 2011/031343 :NA :NA	(71)Name of Applicant:  1)SMART BOTTLE INC.  Address of Applicant: 825 MERRIMON AVENUE #320 ASHEVILLE, NORTH CAROLINA 28804 U.S.A. (72)Name of Inventor:  1)WILKES KENNETH R.  2)SCHULDT FREDERIC W. 3)PEER SYED M.
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A flexible container has flexible top and bottom handles for facilitating dispensing of a flowable substance stored therein. The container includes a flexible panels enclosing an interior of the container and forming a top segment, an opposite bottom segment, a front side segment, a rear side segment, and a pair of side segments bounding the interior. A rigid fitment provides an access opening through either the top segment or a front side segment. A flexible bottom handle structure surrounds a handle opening. It is defined by at least one of the flexible panels, the bottom handle structure being positioned along a center portion of the bottom segment between the front side and rear side segments. The bottom handle has a folded portion at the opening to provide a smooth gripping surface.

No. of Pages: 26 No. of Claims: 20

(22) Date of filing of Application :23/02/2011 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A NON-HEATING CONTROLLED HERBAL MOSQUITO REPELLANT DEVICE AND PROCESS THEREOF

(51) International classification	:A01N53/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION
(33) Name of priority country	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF
(86) International Application No	:NA	INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI
Filing Date	:NA	MARG, NEW DELHI 110 015, INDIA
(87) International Publication No	:NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DHIMAN, SUNIL KUMAR
Filing Date	:NA	2)BARUAH INDRA
(62) Divisional to Application Number	:NA	3)SINGH LOKENDRA
Filing Date	:NA	

#### (57) Abstract:

A controlled release insect repellent device comprising outer chamber, middle chamber, inner chamber, plurality of wicks and plurality of lids; such that the outer chamber comprising at least one repellent material, the middle chamber comprising porous material, and the inner chamber being hollow and comprising plurality of holes on its walls, are concentric chambers formed by concentric walls; the wicks are disposed on the wall of the middle chamber and transfer the repellent material from the outer chamber to the porous material in the middle chamber which in turn transfers the repellent material through the hollow inner chamber into the surrounding; and the plurality of lids controlling the escape of the repellant material.

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

(21) Application No.264/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : POLYMERIC NANOCOMPOSITE FILMS WITH EMBEDDED CHANNELS AND METHODS FOR THEIR PREPARATION AND USE

(51) International classification	:G02B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
(32) Priority Date	:NA	Address of Applicant : Kanpur, Uttar Pradesh, 208016, India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Nishith VERMA
Filing Date	:NA	2)Janakarajan RAMKUMAR
(87) International Publication No	: NA	3)Prateek KHARE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Method of forming micro channels in a polymeric nanocomposite film is provided. The method includes combining one or more monomers to form a mixture and adding a plurality of carbon fibers with metal nanoparticles dispersed therein to the mixture prior to or concurrently with formation of a polymer from the monomers. The method also includes adding at least one hydrophobic agent and at least one plasticizer to the polymer to form the polymeric nanocomposite film and forming a plurality of laser-etched micro channels in a surface of the polymeric nanocomposite film.

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

(21) Application No.2967/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MARKING PAPER PRODUCTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G03C 1/00 :61/251,633 :14/10/2009 :U.S.A. :PCT/US2010/052388 :12/10/2010 :WO 2011/046973 :NA :NA	(71)Name of Applicant:  1)XYLECO, INC.  Address of Applicant:271 SALEM ST., UNIT L, WOBURN, MA 01801, UNITED STATES OF AMERICA (72)Name of Inventor:  1)MEDOFF, MARSHALL
--	---	--

### (57) Abstract:

Methods of marking paper products and marked paper products are provided. Some methods include irradiating the paper product to alter the functionalization of the paper.

No. of Pages: 32 No. of Claims: 21

(21) Application No.2968/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : CONDENSED AZINE - DERIVATIVES FOR THE TREATMENT OF DISEASES RELATED TO THE ACETYLCHOLINE RECEPTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:C07D 471/08 :09172872.5 :13/10/2009 :EUROPEAN UNION :PCT/EP2010/065160 :11/10/2010 :WO 2011/045258	2)CLARKSON, THOMAS RUSSELL 3)JEREMIAH, FIONA
Filing Date	:11/10/2010	2)CLARKSON, THOMAS RUSSELL
(87) International Publication No (61) Patent of Addition to Application		3)JEREMIAH, FIONA 4)MACLEAN, JOHN KINNAIRD FERGUSON
Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates to a heterocyclic derivative of formula (I) wherein the variables are as defined in the specification or to a pharmaceutically acceptable salt or solvate thereof. The present invention further relates to pharmaceutical compositions comprising said heterocyclic derivatives and to their use in therapy, for instance in the treatment or prevention of disorders mediated by nicotinic acetylcholine receptors, such as schizophrenia and Alzheimers disease.

No. of Pages: 134 No. of Claims: 15

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

### (54) Title of the invention: ADJUSTABLE BALLOON CATHETER FOR EXTRAVASATED DRUG DELIVERY

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:61/473,460	1)SANOVAS INC.
(32) Priority Date	:08/04/2011	Address of Applicant :85 LIBERTY SHIP WAY, SUITE 110 -
(33) Name of priority country	:U.S.A.	B SUASALITO, CA 94965 UNITED STATES OF AMERICA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LAWRENCE J. GERRANS
(87) International Publication No	:NA	2)ERHAN H. GUNDAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An adjustable balloon catheter for extravasated drug delivery is disclosed generally comprising an outer catheter with a first balloon and an inner catheter with a second balloon. The inner catheter is moveably disposed in a lumen of the outer catheter such that the inner catheter moves relative to the outer catheter, changing the distance between the balloons. A fluid source supplies air to the catheters via lumens therein to inflate the balloons to create a chamber between them, and at least one of the catheters has a lumen for delivering a therapeutic and/or diagnostic agent to the chamber. The inner catheter is then moved relative to the outer catheter to decrease the size of the chamber between the balloons and decrease the fluid pressure therein such that the therapeutic and/or diagnostic agent is extravasated into the surrounding tissue. In some cases, the inner catheter and its balloon can be inserted through the lumen of the outer catheter.

No. of Pages: 44 No. of Claims: 15

(21) Application No.2030/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 31/07/2015

### (54) Title of the invention: UNIT FOR THE GLUE APPLICATION OF AT LEAST TWO LABLES TO CONTAINERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B65C 3/16 :NA :NA :NA :NA :PCT/IT2009/000529 :23/11/2009 :WO 2011/061773 :NA :NA :NA	(71)Name of Applicant: 1)KOSME S.R.L. Address of Applicant: DELL'ARTIGIANATO 5, 46048 ROVERBELLA (MANTOVA), ITALY; (72)Name of Inventor: 1)GRASSI, STEFANO 2)ERHART, GEORG 3)GIOVANNI, SACCARDI
--	---	---

#### (57) Abstract:

A unit for the glue application of at least two labels to containers, comprising at least one first application device (8) and one second application device (9) both of which rotate and are positioned at two separate superposed portions of the main axis of rotation (Z), each for applying at least one label on a separate portion of the same container (2). In practice, the operating parts of the two application devices (8) and (9) are at different distances from the axis of rotation (Z), although they rotate at identical rotational speeds relative to said axis. The second application device (9) comprises two first follower elements (30) which are slidably connected to a stationary first guide element (29), for guiding the movement of the second device in space. At least at the label application position (24), the interaction between the first follower elements (30) and the first guide element (29) causes an oscillation of the second application device (9) for varying the speed of movement of its operating part and adapting it to that of the container to be labelled.

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

(21) Application No.211/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PROCESS FOR PREPARATION OF VALSARTAN

(51) International classification	:C07D257/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JUBILANT LIFESCIENCES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-
(33) Name of priority country	:NA	201301, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AGARWAL ASHUTOSH
(87) International Publication No	: NA	2)JAIN SANDEEP
(61) Patent of Addition to Application Number	:NA	3)SHEKHAWAT RAJENDRA SINGH
Filing Date	:NA	4)VIR DHARAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to an improved process for the preparation of valsartan and pharmaceutically acceptable salts thereof, which is simple, environment friendly, economically viable and industrially feasible.

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

(21) Application No.218/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HEEL PUSHED DUAL FOOT OPERATED SUGARCANE BUD CHIPPING APPARATUS

(51) International electification	· A 0.1 C 1 /00	(71)Name of Applicant:
(51) International classification (31) Priority Document No	:NA	1)PUNJAB AGRICULTURAL UNVERSITY
(32) Priority Date	:NA	Address of Applicant :FIROZPUR ROAD, LUDHIANA -
(32) Priority Date (33) Name of priority country	:NA	141004, PUNJAB, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GILL, JASVIR, SINGH
(87) International Publication No	: NA	1)GILL, JAS VIR, SINGII
(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 heel pushed dual foot operated sugarcane bud chipping apparatus. The heel pushed dual foot operated sugarcane bud chipping apparatus for chipping the sugarcane buds without cutting or damaging the seed cane and the rest of the sugarcane. The apparatus can be used by a single user for chipping of the sugarcane seeds with the bud chipping efficiency of 375 buds per hour.

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

(22) Date of filing of Application :09/04/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : POWER CABLE TERMINATION FOR AERIAL CONNECTION AND PROCESS FOR PRODUCING POWER CABLE TERMINATION FOR AERIAL CONNECTION

(51) International classification	:H02G 15/064	(71)Name of Applicant:
(31) Priority Document No	:2009-234742	1)VISCAS CORPORATION
(32) Priority Date	:09/10/2009	Address of Applicant :SHINAGAWA SEASIDE WEST
(33) Name of priority country	:Japan	TOWER, 4-12-2, HIGASHI SHINAGAWA, SHINAGAWA-KU,
(86) International Application No	:PCT/JP2010/067405	TOKYO 140-0002, JAPAN
Filing Date	:05/10/2010	2)FUJIKURA LTD.
(87) International Publication No	:WO 2011/043313	3)FURUKAWA ELECTRIC CO., LTD.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)MORI ANNA
Filing Date	.IVA	2)SAKURAI TAKAHIRO
(62) Divisional to Application Number	:NA	3)KOBAYASHI SHOZO
Filing Date	:NA	
(57) Abstract:		

#### (57) Abstract:

Disclosed are: a power cable termination for aerial connection. The termination houses an end of a power cable and a conductor extension rod connected to an end of a conductor of the cable in a bushing. The bushing is filled with an insulating filler. The insulating filler is composed of anyone of: (1) a mixture of a silicone oil and a silicone rubber; (2) a mixture of a silicone oil and a silicone gel; and (3) a mixture of silicone oil, a silicone rubber and a silicone gel.

No. of Pages: 44 No. of Claims: 6

(21) Application No.3032/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PROCESS FOR THE MANUFACTURE OF ORGANIC COMPOUNDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C 253/30 :09174264.3 :27/10/2009 :EPO :PCT/EP2010/066041 :25/10/2010 :WO 2011/051213 :NA :NA :NA	(71)Name of Applicant:  1)NOVARTIS AG Address of Applicant:LICHTSTRASSE 35, CH-4056 BASEL, SWITZERLAND (72)Name of Inventor:  1)SEDELMEIER GOTTFRIED 2)RAMPF FLORIAN ANDREAS 3)GRIMLER DOMINIQUE
--	---	--

#### (57) Abstract:

The present invention relates to processes for the manufacture of an angiotensin receptor blocker (ARB; also called angiotension II receptor antagonist or AT1 receptor antagonist) and salts thereof, to novel intermediates and process steps.

No. of Pages: 70 No. of Claims: 15

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PROCESS FOR PURIFYING (HYDRO) FLUOROALKENES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07C 17/389 :0918069.6 :15/10/2009 :U.K. :PCT/GB2010/001879 :08/10/2010 :WO 2011/045559 :NA :NA :NA	(71)Name of Applicant:  1)MEXICHEM AMANCO HOLDING S.A. DE CV. Address of Applicant: RIO SAN JAVIER NO. 10, FRACCIONAMIENTO, VIVEROS DEL RIO, TLALNEPANTLA, ESTADO DE MEXICO 54060, MEXICO (72)Name of Inventor:  1)SHARRATT ANDREW PAUL 2)MCGUINESS CLAIRE ELIZABETH 3)HAYES JOHN
--	---	---

#### (57) Abstract:

The invention relates to a process for removing one or more undesired (hydro)halocarbon compounds from a (hydro)fluoroalkene, the process comprising contacting a composition comprising the (hydro)fluoroalkene and one or more undesired (hydro)halocarbon compounds with an aluminium-containing absorbent, activated carbon, or a mixture thereof.

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

(22) Date of filing of Application :29/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MOTOR STATOR MANUFACTURING METHOD AND STRUCTURE THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:h02k :103103394 :29/01/2014 :Taiwan :NA	,
Filing Date	:NA	1)CHANG, Nai-Hsin
(87) International Publication No	: NA	2)HUANG, Jung-Pei
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A motor stator manufacturing method includes: prefabricating separate detachable coil sets and coil wire ends thereof; arranging connection points on a printed circuit board on which to assemble or reassemble the separate detachable coil sets; selectively connecting or reconnecting the coil wire ends with the connection points of the printed circuit board to form or change into a predetermined design of various motor stator types; mounting the separate detachable coil sets in a stator seat to form or change into the AC motor stator type. In another embodiment, the method includes: prefabricating the separate detachable coil sets and coil wire ends thereof; mounting the separate detachable coil sets in the stator seat; arranging the connection points on the printed circuit board and assembling or reassembling the printed circuit board with the separate detachable coil sets; selectively connecting or reconnecting the coil wire ends with the connection points of the printed circuit board to form or change into the predetermined design of various motor stator types.

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

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DATA MANAGEMENT SERVER AND DATA MANAGEMENT PROGRAM

(51) International classification	:g06F	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)IPS CO., LTD.
(31) Thomas Bocument 110	225542	Address of Applicant :16th Fl., Tower B, Grand Front Osaka,
(32) Priority Date	:30/10/2013	3-1, Ofuka-cho, Kita-ku, Osaka-shi, Osaka 530-0011, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Toshifumi AKITA
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 processing right data management server includes an authority data DB that stores authority data, provides an organization list screen displaying a list of organizations in response to a request from a user terminal used by a user, receives from the user terminal an organization designated on the organization list screen, identifies the authority data corresponding to the designated organization, provides, according to the identified authority data, an authority setting screen configured to display a list of the business processes and processing rights corresponding to the business processes, receives, from the user terminal, settings change information regarding the processing right whose settings have been changed on the authority setting screen, and updates the authority data according to the settings change information regarding the received processing right.

No. of Pages: 74 No. of Claims: 8

(21) Application No.2914/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: APPARATUS FOR MANUFACTURING BAMBOO ACTIVATED CARBON

(31) Priority Document No (32) Priority Date (31) Priority Date  C10B :10-20 01051	126 SACHEON-SI, GYEONGSANGNAMDO, REPUBLIC OF KOREA (72)Name of Inventor:
--	--

#### (57) Abstract:

This invention relates to an apparatus for manufacturing bamboo activated carbon, and particularly, relates to the apparatus for manufacturing bamboo activated carbon improved to obtain far improved bamboo activated carbons in quality by especially increasing the micropores and surface area of the carbon. The apparatus for manufacturing bamboo activated carbon according to the present invention is formed in a cylindrical shape including a rotating kiln that is supported by a support roller for rotation; a burner to be installed in the entrance through which bamboo charcoals are fed to the rotating kiln; a reflux gas supply pipe to be installed inside of the rotating kiln for reflux gas containing carbon monoxide to be supplied to the inside of the rotating kiln after collecting the exhaust gases using a blower from the outlet side of the rotating kiln; an outer pipe forming to wrap the outer circumference surface of the rotating kiln; a steam supply pipe to be formed toward the outer circumference surface of the rotating kiln through the outer pipe to supply steam to the inside of the rotating kiln; and a steam releasing hole to be perforated one side of outer circumference surface of the rotating kiln, to be opened only when it is faced with the steam supply pipe by the rotation of the rotating kiln and to supply steam on rotation cycle of the rotating kiln; and the steam supply pipe and steam releasing hole are characterized to be formed to supply steam to the radial holes of the reflux gas supply pipe inside of the rotating kiln.

No. of Pages: 17 No. of Claims: 5

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MILK COOLING AND STORAGE SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G05D23/32 :61,711,833 :10/09/2012 :U.S.A. :NA	, ,
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	1)Sorin Grama
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention provides a system for cooling and storing milk. The system having a compressor, a thermal battery, a liquid chiller, a heat exchanger, a storage container and a control unit. The thermal battery is having heat transfer fluid stored therein for cooling milk. The liquid chiller is connected to the compressor and the thermal battery. The liquid chiller enables heat transfer between the refrigerant and the heat transfer fluid. The heat exchanger is connected to the thermal battery for circulating heat transfer fluid therethough for cooling milk poured on the heat exchanger. The storage container is detachably connected to the heat exchanger for collecting chilled milk. The control unit regulates power supply from an main supply to a electric battery and to the system, power supply from the electric battery to the system, monitors and analyses the system for calculates operating cost and volume of chilled milk.

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

(22) Date of filing of Application :10/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : CONTACT HOUSING WITH POSITIONING MEANS FOR FIXING THE POSITION OF A BENDDAMAGEABLE CABLE

(51) International classification	:H02G3/08, H02G3/14	(71)Name of Applicant: 1)TYCO ELECTRONICS AMP GmbH
(31) Priority Document No	:DE 102012217211.4	Address of Applicant :Amperestrasse 12-14, 64625 Bensheim, Germany
(32) Priority Date	:24/09/2012	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)ASHOUR, Yehya
(86) International Application No	:NA	2)RIPPER, Hartmut
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 contact housing (13) for a connector (2) of a connector assembly (1) that extends through a wall (5), comprising a contact region (14), which has a contact seat (18) for receiving a contact-side end (16) of a cable that is prone to kinking (11). The invention fur—ther relates to a connector (2) for a sealed connector assembly (1), comprising an outer housing (9), which has a cable inlet opening (15) and an interior space (19), at least sections of which form a mating-connector receptacle (25) for a mating connector (3) that is complementary to the connector (2}, and comprising a contact housing (13), at least sections of which are arranged in the interior space (19), which contact housing has a contact region (14) having a contact seat (18), and comprising a cable that is prone to kinking (11), the contact-side end (16) of which is held in the cable seat (16). The contact housing (13) according to the invention facilitates as—sembly of the connector (2) and prevents damage to the cable that is prone to kinking (11), in that it has positioning means (46) for fixing the position of a laced section (47) of the kink-prone cable (11). The connector (2) described in the introductory part can be assembled more easily and more reliably because it comprises the contact housing (13) according to the invention, in which the laced section (47) of the kink-prone cable (11) is fixed in position by the positioning means (46).

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

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

(43) Publication Date: 31/07/2015

# (54) Title of the invention : MODIFIED SQUARE TUBE AND MODIFIED REGULAR HEXAGONAL TUBE FOR FLOC REMOVAL IN WATER TREATMENT

(51) International classification	:A61B5/01	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHOLE, A.G.
(32) Priority Date	:NA	Address of Applicant :FLAT NO. 102, 'YASH ENCLAVE',
(33) Name of priority country	:NA	PLOT NO 259, DHARAMPETH EXT., NAGPUR, 440010,.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BHOLE, A.G.
(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 modification of two types of tube settlers used for sedimentation and thus removal of flocs In the process of water treatment. The two types of tubes are (i) Square tubes (ii) Regular hexagonal tubes. The invention is modification of Patent No. 169247. i) Modified square tubes: - The conventional square tubes are modified by inserting full length of the square tube two thin cross-sheets each sheet touching the mid points of opposite sides of the square tube, thus forming four small squares each of half the side of the original square tube. Small thin flat plates of equal size are inserted in each of the small squares diagonally dividing each small square in two equal parts, one upper and another lower. These small plates are placed at a regular spacing along the length of the tube. ii) Modified regular hexagonal tube: - The regular hexagonal tube is modified by inserting two cross-sheets in such a fashion that the hexagonal tube is divided into two equal size triangles and two equal size quadrangles. The quadrangles are divided into two triangles one upper and another lower by Inserting thin flat equal size plates in each of the quadrangle one upper and another lower along the length of the tube, at equal spacing. iii] Both the modified tubes in the invention are placed in position in the sedimentation tank such that the hopper portion of the tube forms the bottom. Both the modified tubes are performancewise better compared to those in Patent 169247. The invention does not require any mechanical (or moving) parts or electrical energy for their operation and maintenance hence useful for rural areas.

No. of Pages: 22 No. of Claims: 7

(21) Application No.2275/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/07/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: WIRELESS HANDLE FOR A BATTERY TESTER AND BATTERY TESTER ASSEMBLY THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G01K13/00 :201210335068.6 :11/09/2012 :China	(71)Name of Applicant:  1)DANAHER (SHANGHAI) INDUSTRIAL INSTRUMENTATION TECHNOLOGIES R&D CO., LTD. Address of Applicant: 4/F, No. 6 Building, Linhong Road No.
(86) International Application No	:NA	280, Changning District, Shanghai 200335, P.R. China
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Luo Shounan
(61) Patent of Addition to Application Number	:NA	2)Sheng Junlong
Filing Date	:NA	3)Zhong Tao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present application relates to a wireless handle for battery tester comprising a wireless signal transceiver capable of exchanging information with a battery tester through wireless communication; an information input unit; an information output unit; and a signal processing and control unit, wherein the wireless signal transceiver, the information input unit and the information output unit are coupled with the signal processing and control unit. The wireless handle according to the present application enables the operator to control some functions of the battery tester and/or monitor detected information remotely during the process of testing, which can increase efficiency of the testing and avoid any disturbance of the testing circuits caused by the information input unit and the information output unit.

No. of Pages: 26 No. of Claims: 27

(22) Date of filing of Application: 15/11/2013 (43) Publication Date: 31/07/2015

# (54) Title of the invention : SYSTEM(S) AND METHOD(S) FOR KNOWLEDGE AQUISITION THROUGH RUNBOOK ANALYSIS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G06Q30/00, G06Q10/00 :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
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DESHMUKH, VEENA S
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is method and system for converting text used to perform an operation to reusable actionable knowledge form. Procedural knowledge available in run books is converted into reusable actionable knowledge form. The method comprises structuring the text by performing merging, grouping, editing, removing statements and marking statements present in structured text into action segments, predicates, and comments, by parsing technique and rule based reasoning. Predicate comprise conditions, action segment comprise actionable statements executed upon fulfilling conditions. Actionable statement is used to perform a task of the operation. Action segments are mapped with predicates to generate predicate-action pairs, standard operators relevant to each of conditions of predicate and actionable statements of action segment are selected, and score for standard operators is determined, and a standard operator having highest score is linked with conditions and actionable statements of the predicate-action pair, thereby converting predicate-action pair in reusable actionable knowledge form.

No. of Pages: 39 No. of Claims: 14

(21) Application No.15/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/01/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : POS SYSTEM WITH ACCESS CONTROL FUNCTION, AND ACCESS CONTROL METHOD BY USING POS SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:Taiwan :NA :NA : NA :NA	Address of Applicant :7F, NO.139, CHENGZHOU ROAD, TAIPEI CITY, TAIWAN (72)Name of Inventor:  1)LIN, SHIAW-SHINN 2)LIN, CHIEN-HAN 3)LEE, RONG-GUEY 4)CHEN, YIN-CHUN
Filing Date	:NA	5)CHIN, HSIAO-TANG
(62) Divisional to Application Number Filing Date	:NA :NA	6)TSOU, CHUN-PING

#### (57) Abstract:

A Point of sale (POS) system with an access control function and an access control method by using the POS system relate to a POS system. The POS system with an access control function includes an input unit, an identification unit, a storage unit, an authentication unit, a closing unit, an unlocking unit, and a control unit. The input unit is used to convert input into an input signal. The identification unit identifies the input signal as identity information or commodity information. The storage unit stores an identity database. The authentication unit authenticates the identity information according to the identity database, if the authentication succeeds, outputs an unlocking signal; and otherwise, outputs a transaction signal. The closing unit receives the transaction signal and then performs closing transaction according to the commodity information. The control unit controls, according to the unlocking signal, the unlocking unit to open a door lock.

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

(22) Date of filing of Application :24/09/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: FLAT FILTER ELEMENT OF A FILTER, FILTER AND SUPPORT DEVICE OF A FILTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:F02M35/024 :102012019320.3 :02/10/2012 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MANN+HUMMEL GMBH Address of Applicant:HINDENBURGSTR. 45, 71638 LUDWIGSBURG, GERMANY (72)Name of Inventor: 1)WAGNER FABIAN 2)HASENFRATZ ROBERT 3)ROESGEN ANDRE 4)THALMANN, CHRISTIAN 5)PFLUEGER FRANK
---	--	--

## (57) Abstract:

A flat filter element (34) of a filter (10) for fluids, in particular air, fuel oil, or water, in particular of an internal combustion engine, in particular of a motor vehicle, a filter (10), and a support/positioning body (72, 74, 76) are disclosed. The flat filter element (34) comprises a filter medium (64) with an inflow-side raw side (62) and an outflow-side clean side (58). An element sealing section (77) surrounds, circumferentially closed, the filter medium (64) on the raw side (62), the clean side (58), or between the raw side (62) and the clean side (58). The element sealing section (77) serves for supporting a sealing device (78) for sealing the raw side (62) relative to the clean side (58) upon arrangement oi the flat filter element (34) in a filter housing (12) of the filter (10). At least one support/positioning body (72,74,76) can be supported, for positioning and holding at least the sealing device (76) in the filter housing (12), on the one hand at least on the sealing device (78) and on the other hand on the filter housing (12).

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

(21) Application No.3315/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: GUIDED SLIDE ASSEMBLY

(51) International classification (31) Priority Document No	:A47B88/04 :100142291	(71)Name of Applicant: 1)SLIDE MEI YAO INTERNATIONAL CO., LTD.
(32) Priority Date	:18/11/2011	Address of Applicant :2F., NO. 119, SHING DE RD., SAN
(33) Name of priority country	:Taiwan	CHUNG DIST., NEW TAIPEI CITY, TAIWAN POSTAL
(86) International Application No	:NA	CODE: 241 Taiwan
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)TSUNG-YAO CHEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A guided slide assembly includes at least one sliding rail unit (2) having a longitudinal base plate (211), a pair of guide plates (212) extending respectively and transversely from two opposite sides of the base plate (211), and at least one securing portion (216) formed on one of the guide plates (212). At least one longitudinal guiding unit (4) is detachably disposed on the one of the guide plates (212), and has a longitudinal rack member (41) and at least one engaging hook (42) disposed on the rack member (41). The engaging hook (42) engages the securing portion (216) of one on the guide plates (212).

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

(21) Application No.3318/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COOLING CHAMBER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:61/873,617 :04/09/2013 :U.S.A. :NA	(71)Name of Applicant:  1)DEERE & COMPANY  Address of Applicant:ONE JOHN DEERE PLACE,  MOLINE, ILLINOIS, 61265-8098, U.S.A.  (72)Name of Inventor:  1)KNIPPER JASON G
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	

## (57) Abstract:

A cooling chamber for use with a work machine comprises an inlet, an outlet, a heat exchanger, and a fan. The heat exchanger is for cooling a fluid of the work machine. The heat exchanger is positioned fluidly between the inlet and the outlet. The fan is positioned fluidly between the inlet and the outlet and is for inducing an air flow from the inlet through the heat exchanger to the outlet. The fan is positioned at an acute angle relative to the heat exchanger to turn the airflow between the inlet and the outlet during operation of the fan.

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

(21) Application No.3072/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ADVANCED CALLING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04M3/436, H04M3/42 :13/660,981 :25/10/2012 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant:  1)Gface GmbH  Address of Applicant:Gruneburgweg 16-18, 60322  Frankfurt/Main, Germany (72)Name of Inventor:  1)Cevat YERLI
---	--	--

#### (57) Abstract:

Systems, devices, and methods are described that allow more comprehensive interaction between users of a telecommunication system. For example, a described method comprises: receiving, from a first communication unit, a request to establish a voice communication call between a first user of the first communication unit and a second user of a second communication unit; receiving, from said first communication unit, additional information with regard to said request; and presenting, by said second communication unit, an indication of said request to establish said voice communication call and said additional information to said second user.

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

(22) Date of filing of Application :26/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A DESATURATION DETECTION CIRCUIT FOR USE BETWEEN THE DESATURATION DETECTION INPUT OF AN OPTOCOUPLER AND THE OUTPUT OF A POWER SWITCHING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:1301104.4 :22/01/2013 :GB :NA :NA : NA :NA	(71)Name of Applicant:  1)CONTROL TECHNIQUES LTD  Address of Applicant: THE GRO, POOL ROAD  NEWTOWN, SY16 3BE UNITED KINGDOM  (72)Name of Inventor:  1)ROBERT ANTHONY COTTELL
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A desaturation detection circuit for use between the desaturation detection input of an optocoupler and the output of a power switching device, the desaturation detection circuit comprising:a threshold setting element having an input and an output, the input for connection to the output of a power switching device via one or more diode(s), the threshold setting element being arranged to set a threshold voltage at the input at which the threshold setting element will provide an output at the output of the threshold setting element when the input voltage is exceeded, and a detector having an input connected to the output of the threshold setting element and an output connectable to a desaturation detection input of an optocoupler, the detector being arranged to detect an output at the output of the threshold setting element and in response to provide a control signal at the output of the detector for the desaturation detection input to trigger a desaturation routine in the optocoupler. A method of operating a desaturation detection circuit is also described comprising: monitoring the voltage input to the desaturation detection circuit is greater than or equal to a threshold voltage above a desaturation voltage and, when the voltage input to the desaturation detection circuit is greater than or equal to a threshold voltage above a desaturation voltage, outputting a control signal to trigger a desaturation routine.

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

(21) Application No.3332/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PRODUCT PURCHASING METHOD CAPABLE OF PROMOTING DISTRIBUTION OF PRODUCTS USING LOTTERY TICKETS

(51) International classification	:A63F3/06	(71)Name of Applicant:
(31) Priority Document No	:10-2013- 0026777	1)SIM, Joung Taek Address of Applicant: (Dongbaek-dong) 302, 4-1, 1 bun gil,
(32) Priority Date	:13/03/2013	Pyungchon 2 ro, Giheung-gu, Yongin-si, Gyeonggi-do, 446-911
(33) Name of priority country	:Republic	Republic of Korea
` ' '	of Korea	(72)Name of Inventor:
(86) International Application No	:NA	1)SIM, Joung Taek
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 product purchasing method that is capable of promoting the distribution of products using lottery tickets. The method includes a member authentication step, a product provisional selection determination step, a lottery ticket purchase checking step, a lottery ticket number selection count checking step, a lottery ticket cumulative amount checking step, a product provision direction step, a lottery ticket purchase cumulative amount clearance step, a lottery date determination step, a winning lottery number checking step, a lottery prize money payment direction step, a lottery prize money determination step, a product provision direction step, and a lottery ticket number clearance step.

No. of Pages: 22 No. of Claims: 6

(22) Date of filing of Application :02/01/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: POS SYSTEM WITH A HELP SEEKING FUNCTION, AND A HELP SEEKING METHOD

(24) 2	~~.~~	
(51) International classification	:G06Q20/00	(71)Name of Applicant:
(31) Priority Document No	:101127860	1)CHOPPA TECH CO., LTD
(32) Priority Date	:01/08/2012	Address of Applicant :7F, NO.139, CHENGZHOU ROAD,
(33) Name of priority country	:Taiwan	TAIPEI CITY, TAIWAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LIN, SHIAW-SHINN
(87) International Publication No	: NA	2)LIN, CHIEN-HAN
(61) Patent of Addition to Application Number	:NA	3)LEE, RONG-GUEY
Filing Date	:NA	4)CHEN, YIN-CHUN
(62) Divisional to Application Number	:NA	5)CHIN, HSIAO-TANG
Filing Date	:NA	6)TSOU, CHUN-PING

#### (57) Abstract:

A Point of Sale (POS) system with a help seeking function includes a transaction unit, a storage unit, a money receiving unit, an antitheft and security unit, and an anti-theft and security key. The transaction unit receives transaction information according to transaction; the storage unit is used to store the transaction information; the money receiving unit includes an opening/closing element and a receiving box, where the opening/closing element is used to open or close the receiving box; the anti-theft and security unit is used to perform a switch between a first state and a second state, where in the first state, the receiving box is opened by using the opening/closing element to close the deal, and in the second state, the anti-theft and security unit generates an SOS and transmits the SOS to an external device; and the anti-theft and security key is used to switch a state of the anti-theft and security unit. A help seeking method by using a POS system is also disclosed herein.

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

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A SOLID PHASE ADDITIVE MATERIAL FOR THERMAL CRACKING PROCESS

(51) International classification	:C10G55/04, C10G59/04	(71)Name of Applicant:  1)Indian Oil Corporation Limited Address of Applicant: G-9, Ali Yavar Jung Road, Bandra (East), Mumbai-400 051, Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)PRASAD, Terapalli Hari Venkata Devi
(33) Name of priority country	:NA	2)RAMACHANDRAN, Pradeep Ponoly
(86) International Application No	:NA	3)DAS, Satyen Kumar
Filing Date	:NA	4)THAKUR, Ram Mohan
(87) International Publication No	: NA	5)DIXIT, Jaidev Kumar
(61) Patent of Addition to Application Number	:NA	6)DALAI, Eswar Prasad
Filing Date	:NA	7)THAPA, Gautam
(62) Divisional to Application Number	:NA	8)Rajesh
Filing Date	:NA	9)BHATTACHARYYA, Debasis
-		10)KUMAR, Brijesh
		11)RAJAGOPAL, Santanam

### (57) Abstract:

The present invention is directed to novel thermal cracking additive compositions for reduction of coke yield in Delayed Coking process and method for preparing the same. The present invention also provides that the thermal cracking additive compositions of the present invention are in micron-size and nano-size. Further, the present invention provides a process of thermal cracking of heavy petroleum residue used in petroleum refineries using Delayed Coking process to produce petroleum coke and lighter hydrocarbon products with decreased coke yield and increased yield of liquid and/or gaseous products.

No. of Pages: 25 No. of Claims: 22

(22) Date of filing of Application :01/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PROFESSIONAL SERVICE PORTAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:G06Q50/18 :13668235 :03/11/2012 :U.S.A. :NA :NA	SCHAUMBURG, ILLINOIS 60173, U.S.A.  2)MEDIKUNDAM PRAVEEN C (72)Name of Inventor:
(87) International Publication No	: NA	1)ALEMU SAMUEL
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MEDIKUNDAM PRAVEEN C
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A system of hardware and software components and methods of providing a service portal such as a legal service portal are disclosed. For clients, the system offers several advantages including allowing clients to select professionals from a pre-qualified list of professionals, to provide their personal data only once to the system, to have their cases transferred from one professional to another electronically, and the ease of quick response to inquiries and electronic billing. For the legal professionals, ihe advantages include customized profile pages, membership in an exclusive network of pre-qualified professionals, referral of work, the ability to automate many mundane tasks for filling out various forms with similar customer data, and the ability to safely transfer or receive cases with complete electronic records, and the ability to collaborate with other professionals on a given case.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :01/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A SYSTEM FOR OPTIMIZING THE FLOW OF A FLUID

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:F24F11/00, F24F11/04 :NA :NA :NA	(71)Name of Applicant:  1)RELIANCE INDUSTRIES LIMITED  Address of Applicant: 3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VELUSWAMY GANESH K
(87) International Publication No	: NA	2)KHOPKAR AVINASH RAMCHANDRA
(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 system for improving fluid circulation in a fluid-body with improved hydrodynamics, minimized dead zones and a system with minimized energy losses, the system comprises at least one dividing-element disposed within the fluid-body, wherein, the dividing-elements divides the fluid-body into at least two segments such that the segments are connected to and in fluid communication with each other, characterized in that, at least one of the dividing-element has at least one asymmetrical structure configured on at least one extremity thereof.

No. of Pages: 35 No. of Claims: 20

(22) Date of filing of Application :07/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: TWO-FOR-ONE SPINNING DEVICE

(51) International classification	:D01H1/00, D01H13/14, D01H1/10, D01H13	(71)Name of Applicant:  1)SAURER GERMANY GMBH & CO. KG Address of Applicant: LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY
(31) Priority Document No	:102012022377.3	(72)Name of Inventor:
(32) Priority Date	:15/11/2012	1)WEIDE, THOMAS
(33) Name of priority country	:Germany	
(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 two-for-one spinning device (1) with a drafting arrangement (16) for drawing a feed material, a rotatably mounted mechanism for producing a thread by applying a thread twist to the feed material, a thread delivery mechanism and a winding or reeling device for producing a take-up bobbin configured as a cross-wound bobbin. According to the invention it is provided that the two-for-one spinning device (1) has a frame (13), which has a receiving mechanism (14) for a supply bobbin (15) and is equipped with a drafting arrangement (16), which is connected to an energy and data transmission mechanism (21), in that the frame (13) is arranged on a rotatably mounted, drivable spindle (5) and in that arranged on the side of the frame (13) opposing the spindle (5) is a balloon thread guide (28), which predetermines the length of a thread balloon (25), which is produced during the spinning operation during the rotation of the spindle (5).

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

(21) Application No.3512/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: FUNCTION KEY WITH MASS STORAGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G06F21/02 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)NANDAN KIRANBHAI SHAH Address of Applicant: 4-SURMYA DUPLEX, OPP-KADAM NAGRI SOCIETY, NEAR RAMDEV PIR TEMPLE, PIJ ROAD, NADIAD-387002, GUJARAT, INDIA. (72)Name of Inventor: 1)NANDAN KIRANBHAI SHAH
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	1)NANDAN KIRANBHAI SHAH

## (57) Abstract:

The present invention provides a function key with mass storage system, wherein the operator opens the data of mass storage with one key. And this system also contains the facility of user interface, automatic data updating, and automatic data backup system. This system has hardware and software authentication system. This provides better security to this system. After performing all this operation the storage data will get open on the video terminal.

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

(22) Date of filing of Application :07/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ALUMINUM-ALLOY BRAZING SHEET AND METHOD OF MANUFACTURING SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B23K35/02, B23K35/28 :2012- 250155 :14/11/2012 :Japan :NA :NA :NA :NA	(71)Name of Applicant:  1)UACJ Corporation Address of Applicant: 1-7-2 Otemachi, Chiyoda-ku, Tokyo 100-0004, Japan (72)Name of Inventor: 1)Atsushi FUKUMOTO
---	---	---

#### (57) Abstract:

An aluminum-alloy brazing sheet having good corrosion resistance is provided. The aluminum-alloy brazing sheetcomprises a core made of an aluminum alloy, a brazing filler metal made of an Al-Si based alloy and clad on one surface of the core, and a sacrificial anode material clad on the other surface of the core, the sacrificial anode material containing Zn: 1.0 to 6.0 mass%, Si: 0.5 to 1.5 mass%, Fe: 0.5 to 1.5 mass%, and Ti: 0.05 to 0.20 mass%, the core containing Si: 0.5 to 1.2 mass%, Fe: 0.05 to 0.60 mass%, Cu: 0.3 to 1.0 mass%, Mn: 0.5 to 1.6 mass%, and Ti: 0.05 to 0.20 mass%, and Vickers hardness of the sacrificial anode material after heating conducted in the same way as the brazing of the brazing sheet being not less than 30 Hv. A method of manufacturing the aluminum-alloy brazing sheet is also provided.

No. of Pages: 43 No. of Claims: 4

(22) Date of filing of Application :08/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention: PHOTOELECTRIC DEVICE AND MANUFACTURING METHOD THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (35) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (30) Patent of Addition to Application Number Filing Date (31) Priority Document No (32) International Application No (33) Name of priority country (34) U.S.A. (35) NA (36) International Application No (37) International Application No (38) International Application Number (39) International Application Number (30) International Application Number (31) International Country (32) International Application Number (34) International Application Number (35) International Application Number (37) International Application Number (38) International Application Number (39) International Application Number (30) International Application Number (31) International Application Number (31) International Application Number (31) International Application Number (38) International Application Number (39) International Application Number (39) International Application Number (31) International Application Number (32) International Application Number (33) International Application Number (34) International Application Number (35) International Application Number (37) International Application Number (38) International Application Number (39) International Application Number (39) International Application Number (30) International Application Number (30) International Application Number (31) International Application Number (31) International Application Number (31) International Application Number (31) Internati	(/2)Name of Inventor:
--	-----------------------

## (57) Abstract:

A photoelectric device includes: a semiconductor substrate including monocrystalline silicon and has first and second surfaces that are opposite to each other; a doping unit formed on the first surface of the semiconductor substrate; and an insulating layer that is formed between the doping unit and the second surface of the semiconductor substrate, wherein the doping unit includes: a first semiconductor layer including a first dopant doped in the monocrystalline silicon; and a second semiconductor layer including a second dopant doped in the monocrystalline silicon

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

(22) Date of filing of Application:19/11/2013 (43) Publication Date: 31/07/2015

# (54) Title of the invention : A METHOD AND SYSTEM FOR QUEUE MANAGEMENT AT PLURALITY OF STORES AND SERVICE DELIVERY CENTERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H04M3/00, H04M7/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)CHAITANYA ZANPURE  Address of Applicant: MALTI SMRUTI SHRI PRASAD  SOCIETY, 481/2/C, PARVATI, PUNE 411009 Maharashtra India  2)AMAR GITE  (72)Name of Inventor:  1)CHAITANYA ZANPURE
(87) International Publication No	: NA	2)AMAR GITE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Various implementations are found in a method and system for order processing and queue management at plurality of stores and service delivery centres. A user places an order at a point of sale device using an interactive user interface of a communication device. The time required for processing the order is determined. The location of the communication device corresponding to the user is determined. The processing of the order is initiated based on the time required for processing the order and the location of the communication device.

No. of Pages: 32 No. of Claims: 16

(22) Date of filing of Application :08/11/2013 (43) Publication Date : 31/07/2015

(54) Title of the invention: KUMEJ

(51) International classification	7/00, A47C 4/00,	(71)Name of Applicant:  1)AVINAV VENKATACHALAM  Address of Applicant:202 AMAR, AMAR PREM CHS, OFF  J.P. ROAD, 7 BUNGALOWS GARDEN, VERSOVA,  ANDHERI (WEST), MUMBAI 400061. Maharashtra India  2)AMI MATTHAN
(31) Priority Document No	:NA	3)VISHESH KHETAWAT
(32) Priority Date	:NA	4)RIDDHI SHAH
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AVINAV VENKATACHALAM
Filing Date	:NA	2)AMI MATTHAN
(87) International Publication No	: NA	3)VISHESH KHETAWAT
(61) Patent of Addition to Application Number	:NA	4)RIDDHI SHAH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 41		·

## (57) Abstract:

In accordance with an aspect of the present invention, a Kumej for use of sitting and carrying multiple objects is provided. The Kumej includes a fixed flat panel to place on the floor for sitting purpose. The Kumej also includes a rotatable flat panel attached from one side of the fixed flat panel for backrest purpose. The Kumej further includes a collapsible flat panel attached on the other side of the fixed flat panel by a connecting rod for keeping and holding multiple objects. The Kumej then includes multiple fixing components to fix the rotatable flat panel and the collapsible flat panel with the flat panel. The Kumej also includes a locking mechanism to lock the fixed flat panel, the rotatable flat panel and the collapsible flat panel.

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

(22) Date of filing of Application :08/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: OZONE CLEANING SYSTEM FOR APPAREL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:D06F43/08, D06F43/00 :NA :NA	(71)Name of Applicant:  1)ABHISHEK GUPTA Address of Applicant: G - 205 KABIR ENCLAVE, NEAR HOMEOPATHY COLLEGE, BOPAL, AHMEDABAD,
(33) Name of priority country	:NA	GUJARAT
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABHISHEK 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:

An apparel cleaning system mainly comprises of: a disinfection cabinet for keeping apparels to be cleaned, a means for ozone supply for supplying flow of ozone having three molecules from the air to the disinfection cabinet and a means for ozone circulation in every part of the cabinet for providing proper cleaning of apparels in each part of apparels rendering the apparels bacteria free.

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

(22) Date of filing of Application :08/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR MULTIPLE SENDER SUPPORT IN LOW LATENCY FIFO MESSAGING USING RDMA

(51) International classification	·C06E0/54	(71) Nome of Applicant
		(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,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NANDY, PAYAL GUHA
(61) Patent of Addition to Application Number	:NA	2)AGRAWAL, NISHANT KUMAR
Filing Date	:NA	3)NAMBIAR, MANOJ KARUNAKARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

System for transmitting and receiving multiple messages between multiple senders and at least one receiver in inter-process communication with low latencies and high throughput using Remote Direct Memory Access (RDMA) through InfiniBand verbs library is described. System comprises message queue library which allows messaging in lockless manner, Network Interface Card enabled for RDMA, and RDMA based remote sender processes to synchronize sub-queues. Transmitting system maps each remote sender process to First in First Out (FIFO) sub-queue of host node and corresponding FIFO sub-queue of receiving node, assigns each user to a sub-queue, receives messages and arranges messages in FIFO sub-queue for each user and transmits messages from each FIFO sub-queue of host node to corresponding FIFO sub-queue of receiver node. Receiving system receives messages and arranges in FIFO sub-queue for each user and reads messages from each FIFO sub-queue by round-robin technique in FIFO mode.

No. of Pages: 48 No. of Claims: 24

(22) Date of filing of Application :23/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: BOOM WITH LOAD-SHUNT MEMBER

		(71)Name of Applicant :
(51) International classification	A01G23/08,	1)DEERE & COMPANY
	A01G23/095	Address of Applicant :ONE JOHN DEERE PLACE,
(31) Priority Document No	:61/870,855	MOLINE, ILLINOIS, 61265-8098, U.S.A.
(32) Priority Date	:28/08/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)CRANE JESSE A
(86) International Application No	:NA	2)KNIPPER JASON G
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 boom comprises a box-shaped beam, an end cap, and a clevis. The beam comprises a first end, a second end opposite to the first end longitudinally of the boom, and a side wall extending between the ends. The clevis comprises a first ear and a second ear. The end cap is affixed to the first end and positioned between the ears. The first ear is provided in part by a wall extension of the side wall that extends longitudinally of the boom away from the second end beyond the first end. The end cap is affixed to the wall extension. The first ear is provided in part by a load-shunt member affixed to the wall extension. The load-shunt member at least partially covers a through-hole of the wall extension and extends longitudinally of the boom toward the second end beyond a portion of the end cap.

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

(21) Application No.3573/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MODULAR INSULATING SHROUD ASSEMBLY FOR ELECTRICAL CIRCUIT BREAKER

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	(71)Name of Applicant:  1)LARSEN & TOUBRO LIMITED  Address of Applicant: LARSEN & TOUBRO LIMITED L &
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001, Maharashtra India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)ABHISHEK PANICKER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Disclosed is a modular insulating shroud assembly for shrouding an electrical conducting member of an electrical circuit breaker. The modular insulating shroud assembly of the present invention includes a plurality of connector members which can be assembled together to get desired size of shroud assembly/phase barriers. Further, present invention provides a click-fit arrangement for the plurality of connector members, which makes the assembly easy and modular.

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

(21) Application No.3575/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A MOLECULAR COMPLEX OF HEXACONAZOLE AND IMIDACLOPRID AND A PROCESS FOR PRODUCTION THEREOF

:A01N (51) International classification (51) International classification (51) International classification (51) Priority Document No (52) Priority Date (53) Name of priority country (54) International Application No (55) International Publication No (56) International Publication No (57) International Publication No (58) International Publication Number (59) Patent of Addition to Application Number (51) Patent of Application Number (51) Patent of Application Number (51) NA (52) Divisional to Application Number (53) NA	
--	--

# (57) Abstract:

A pesticidal formulation comprising a molecular complex of hexaconazole and imidacloprid, having a melting point of around 105C measured as a single melting endotherm by differential scanning calorimetry is disclosed. A process for the preparation of a molecular complex of hexaconazole and imidacloprid, is also disclosed.

No. of Pages: 21 No. of Claims: 9

(21) Application No.3576/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A MOLECULAR COMPLEX OF IMIDACLOPRID AND A PROCESS FOR PRODUCTION THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	51/00, A01M	(71)Name of Applicant:  1)TATA CHEMICALS LIMITED  Address of Applicant:BOMBAY HOUSE, 24 HOMI MODI STREET, MUMBAI - 400001, Maharashtra India (72)Name of Inventor:  1)KUMAR, ANIL  2)AHIRE, DNYANEHSWAR  3)ROY, SAIKAT  4)MESHIYA, BHARGAV
---	----------------	--

# (57) Abstract:

A molecular complex comprising imidacloprid and a phenolic compound having a formula (II) R includes OH, -COOH, -Cl, -Br, -CONH2, -CH3, alkyl, aryl, allyl, formyl or amine group is disclosed. A process for preparation of said molecular complex is also disclosed.

No. of Pages: 27 No. of Claims: 12

(21) Application No.3577/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: NOVEL HETEROCYCLIC COMPOUNDS

	·C07D269/00	(71)Name of Applicant:
(51) International classification	C07D283/00,	1)CADILA HEALTHCARE LIMITED
	C07D227/00	Address of Applicant :ZYDUS TOWER, SATELLITE
(31) Priority Document No	:NA	CROSS ROAD, AHMEDABAD - 380 015, GUJARAT, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)DESAI, RANJIT C.
(86) International Application No	:NA	2)SRIVASTAVA, BRIJESHKUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to novel GPR 40 agonists of the general formula (I), their tautomeric forms, their stereoisomers, their pharmaceutically acceptable salts, pharmaceutical compositions containing them, methods for their preparation, use of these compounds in medicine and the intermediates involved in their preparation.

No. of Pages: 85 No. of Claims: 11

(22) Date of filing of Application :27/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ELECTRICAL POWER SUPPLY SYSTEM WITH ALTERABLE CAPACITY

(51) International classification	:H02J7/34	(71)Name of Applicant:
(31) Priority Document No	:FR1259956	1)COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX
(32) Priority Date	:18/10/2012	ENERGIES ALTERNATIVE
(33) Name of priority country	:France	Address of Applicant :BATIMENT LE PONANT D, 25 RUE
(86) International Application No	:NA	LEBLANC, 75015 PARIS, FRANCE
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DESBOIS-RENAUDIN MATTHIEU
(61) Patent of Addition to Application Number	:NA	2)GARNIER LAURENT
Filing Date	:NA	3)LEFEBVRE CHRISTOPHE
(62) Divisional to Application Number	:NA	4)PALMIERI MICHAEL
Filing Date	:NA	5)THOMAS REMY

#### (57) Abstract:

The invention relates to an electrical power supply system (1) with alterable capacity, comprising: -two electrical energy storage modules (2), each comprising two connection terminals and an electrical energy storage element; -an interconnection interface (3), exhibiting: -two pairs of input terminals, each pair connected in a removable manner to the connecting terminals of a storage module; -two output terminals (301,302),the interconnection interface forming two branches connected in parallel between the two output terminals, each branch including an electrical energy storage element and a rheostat connected in series; -a device for measuring the current passing through each of the said branches; -a control circuit controlling the resistance of the rheostat of each of the said branches as a function of the measured current, so as to maintain the intensity passing through it below a protection threshold.

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

(22) Date of filing of Application :24/10/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : DESIGN AND FABRICATION OF MANUAL PADDY TRANSPLANTER THAT CAN TRANSPLANT SEEDLINGS IN SOIL UNIFORMLY WITH CONTROLLED DEPTH

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Siling Date (63) Divisional to Application Number Filing Date (64) Patent of Addition Number Filing Date (65) Divisional to Application Number Filing Date (66) NA	11/02 (71)Name of Applicant: 1)PARUL AROGYA SEVA MANDAL Address of Applicant: P.O. LIMDA, TA: WAGHODIA, DIST: VADODARA, PIN-391 760, GUJARAT, INDIA (72)Name of Inventor: 1)PANCHAL, SANKET ASHOKKUMAR 2)BHATIA, ANKIT PARESHBHAI 3)MANSURI, AKHTARHUSAIN ASIFBHAI 4)HASRAJANI, GOVINDA RAJU 5)SIDDIQI, SOHAIL M. 6)PATEL, PRADIP CHANDRAKANTBHAI 7)PATEL, CHINTAN KANUBHAI
---	---

#### (57) Abstract:

A rice transplanter is a specialized transplanter fitted to transplant rice seedlings onto paddy field. In manual transplanting, you require about 8 people to cover an area of two acres per day. It is very time consuming and very laborious. In some places, problems of limited time of planting and labor shortage have led the planting schedule to shift backward. We are going to design a machine that can be worked with two people only. By this we can reduce the laborious job and Prevent back-problems in field workers. It will increase the capacity. It will be easy to operate, clean and maintain. It also helps in line transplanting. We will try to make this . machine which can be work very effectively, efficiently and affordable for Indian fanners.

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

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A GAS CYLINDER ASSEMBLY WITH PRESSURE GAUGE FOR VEHICLE AND A SYSTEM THEREOF

:F17C13/04,	(71)Name of Applicant :
F17C13/00,	1)TATA MOTORS LIMITED
F17C13/02	Address of Applicant :Bombay House, 24 Homi Mody Street,
:NA	Hutatma Chowk, Mumbai 400 001, Maharashtra, India
:NA	(72)Name of Inventor:
:NA	1)NARESH PRAVIN SHAH
:NA	2)SANDIP RATNAKAR GHOLKAR
:NA	3)ABHILASH SAVIDHAN
: NA	4)MAHESH CHINTAMAN KULKARNI
:NA	5)KALPESH KALUBHAI PATEL
:NA	6)CHINMAY SHRIKANT SHEVADE
:NA	
:NA	
	F17C13/00, F17C13/02 :NA :NA :NA :NA :NA :NA :NA :NA

# (57) Abstract:

The present disclosure relates to a gas cylinder assembly 31 with a pressure gauge for a vehicle, characterized in that, a vent hose 36 connected to the gas cylinder assembly 31 for flowing out micro leakage gas outside passenger compartment. A gas line 49 is connected to the gas cylinder assembly 31 and is passed through the corrugated vent hose 36. A casing 34 is connected to a cylinder valve 32 of the gas cylinder assembly 31, wherein the casing 34 is adapted to mount the pressure gauge 33 to display pressure in the gas cylinder. Further, the disclosure also relates to a system 48 comprising the gas cylinder assembly 31.

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

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MULTI-FACTOR AUTHENTICATION

(51) International classification	:G06F7/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai, 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THOMAS, Annie
(87) International Publication No	: NA	2)GARG, Shalin
(61) Patent of Addition to Application Number	:NA	3)BOSE, Sneha
Filing Date	:NA	4)VALLAT, Sathish
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Methods, systems and devices for multi-factor authentication (MFA) are described. An MFA device (102) includes a plurality of tiles (108), a frame (110) to hold the tiles (108) and a stylus (112) movable over the frame (110) and the tiles (108). Each of the tiles (108) includes at least one of visible indicia (114) and tactile indicia (116), for representing a notation, and at least one track of acoustic code generation indicia (118). The acoustic code generation indicia (118) of each tile (108), on being swiped, generate a complex sound waveform that encodes a composite binary pattern. The composite binary pattern comprises information blocks including a device identifier block for a device identifier associating the MFA device (102) with a user, a biometric block for at least a part of a biometric pattern of the user, and a data block for the notation of the corresponding tile (108).

No. of Pages: 38 No. of Claims: 24

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHODS AND SYSTEMS FOR TACTILE CODE INTERPRETATION

(51) International classification	G09B21/00, G06F3/01, G08B6/	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, 400021 Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)BOSE, Sneha
(33) Name of priority country	:NA	2)GARG, Shalin
(86) International Application No	:NA	3)THOMAS, Annie
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:

Methods and systems (100) for tactile code interpretation are described herein. In an embodiment, a tactile code interpretation system (100) includes a tactile code device (102) having a plurality of tactile units (106). Each of the plurality of tactile units (106) includes a tactile code (108) for representing a notation and a corresponding acoustic code (110). The acoustic code (110) encodes information pertaining to a plurality of data blocks. The plurality of data bocks includes a start block corresponding to a start pattern, an end block corresponding to an end pattern, and one or more information blocks corresponding to information pertaining to the tactile code (108). Further, the acoustic code (110), when swiped, generates a unique sound wave to facilitate semantic interpretation of the corresponding tactile code (108).

No. of Pages: 43 No. of Claims: 20

(21) Application No.3604/MUM/2013 A

(19) INDIA

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 31/07/2015

# (54) Title of the invention : A PROCESS AND A SYSTEM FOR ENHANCING LIQUID YIELD OF HEAVY HYDROCARBON FEED STOCK

		(71)Name of Applicant:
(51) International classification	:C10G47/00,	
(31) International classification	C10G47/22	Address of Applicant :G-9, Ali Yavar Jung Marg, Bandra
(31) Priority Document No	:NA	(East), Mumbai-400 051 (IN) Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)KASLIWAL, Pankaj Kumar
(86) International Application No	:NA	2)PRABHU, Kuvettu Mohan
Filing Date	:NA	3)KARTHIKEYANI, Arumugam Velayutham
(87) International Publication No	: NA	4)HARIPRASADGUPTA, Bandaru Venkata
(61) Patent of Addition to Application Number	:NA	5)SWAMY, Balaiah
Filing Date	:NA	6)SARKAR, Biswanath
(62) Divisional to Application Number	:NA	7)KUMAR, Brijesh
Filing Date	:NA	8)RAJAGOPAL, Santanam
-		9)MALHOTRA, Ravinder Kumar

## (57) Abstract:

The present invention provides a process and a system for coking and simultaneous upgrading of a heavy hydrocarbon feedstock. More particularly the present invention relates to a process of cracking heavy hydrocarbon feedstock employing high heat carrier, incorporated with weak acid sites for improving the liquid yield and reducing coke yield. The feedstock is vaporized and brought in contact with a heat carrier material to produce a product stream and separating the product stream from the particulate heat carrier, regeneration of the particulate heat carrier to the extent of 10-30% and collecting a gaseous and liquid product from the product stream.

No. of Pages: 26 No. of Claims: 31

(21) Application No.3607/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND DEVICE FOR THERMAL POST-COMBUSTION OF HYDROCARBON - CONTAINING GASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA	(71)Name of Applicant:  1)C-NOX GMBH & CO. KG Address of Applicant: HABERSTRASSE 23, 24537 NEUMUENSTER, GERMANY (72)Name of Inventor: 1)ROBERT KREMER JUN. 2)ROBERT KREMER SEN. 3)GUENTHER WIETFELD
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A method for the thermal post-combustion of waste gases from incomplete combustion or furnace processes, low temperature carbonization gases, landfill gases, smoke gases from ceramic furnace processes, gases from household waste or bio composting facilities, lean gases or other hydrocarbon-containing reducing gases by means of air or other oxidant gases, in which the reducing gas and the oxidant gas are fed separately to the post-combustion in a combustion chamber and thermally post-combusted in the combustion chamber and the reducing gas is heated in a recuperative manner during the supply to the combustion chamber through hot clean gas thermally post-combusted and conveyed out of the combustion chamber, characterized in that both the reducing gas as well as the oxidant gas are heated in a recuperative manner via the separate supply to the combustion chamber by the hot clean gas conveyed out of the combustion chamber.

No. of Pages: 48 No. of Claims: 51

(21) Application No.3608/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: GLOVE BOX LID FOR VEHICLES

(51) International classification	:B60R7/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)FAURECIA INTERIOR SYSTEMS INDIA Pvt. Ltd.
(32) Priority Date	:NA	Address of Applicant :Plot No.T-187, Pimpri Industrial Area
(33) Name of priority country	:NA	(B.G. Block), Behind Bhosari Police Station, Bhosari, Pune,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SIDDIQUI, Firoz
(61) Patent of Addition to Application Number	:NA	2)BHATTAD, Jaykumar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention provides a glove box lid for closing a glove box of a vehicle. The glove box lid having a lid member, a locking means and at least one chamber. The locking means configured on a portion of the lid member for locking the glove box with the glove box lid and at least one chamber configured on each side portions and a top portion of the lid member. Further, the chamber provides additional strength and storage space for accommodating articles in the glove box lid.

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

(21) Application No.2233/MUMNP/2014 A

(19) INDIA

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

(43) Publication Date: 31/07/2015

## (54) Title of the invention: METHOD FOR THE RADIOACTIVE DECONTAMINATION OF SOIL BY DISPERSED AIR FLOTATION FOAM AND SAID FOAM

(51) International classification :B09C1/02,B03D1/02,B03D1/14 | (71) Name of Applicant :

(31) Priority Document No :1254352 (32) Priority Date :11/05/2012

(33) Name of priority country :France

(86) International Application No:PCT/EP2013/059708

Filing Date :10/05/2013 (87) International Publication No: WO 2013/167728

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

Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)COMMISSARIAT L%NERGIE ATOMIQUE ET AUX

**%NERGIES ALTERNATIVES** 

Address of Applicant :25 rue Leblanc Btiment Le Ponant D F

75015 Paris France

(72)Name of Inventor: 1)FAURE Sylvain

2)MESSALIER Marc

# (57) Abstract:

The present invention concerns a method for treating soil contaminated by at least one radionuclide such as caesium Cs comprising at least one step of separating said radionuclide by dispersed air flotation foam produced by injecting air bubbles into a suspension comprising said soil and at least one collector. The present invention also concerns the flotation foam obtained by implementing such a method.

No. of Pages: 45 No. of Claims: 17

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM FOR REMOTE MAINTENANCE OF ELEVATOR USING MOBILE PHONE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	B66B1/34 :10-2013- 0068470	(71)Name of Applicant:  1)HYUNDAI ELEVATOR CO., LTD.  Address of Applicant:SAN 136-1 AMI-RI, BUBAL-EUP ICHEON -SI, GYEONGGI-DO 467-734 REPUBLIC OF KOREA (72)Name of Inventor:  1)SONG, DAL-HYUN
(86) International Application No	:NA	
Filing Date (87) International Publication No	:NA : 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 system for remote maintenance of an elevator using a mobile phone, in which an elevator maintenance worker connects with the system for the remote maintenance through a mobile phone, searches for an operating status and various pieces of information of an elevator, and uses the discovered operating status and information for trouble shooting the elevator.

No. of Pages: 28 No. of Claims: 6

(21) Application No.3632/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: RECTIFIER CHARGE RATE CONTROLLER

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:H02P7/295 :1221643.8 :30/11/2012 :GB	,
(86) International Application No Filing Date	:NA :NA :NA	(72)Name of Inventor: 1)HART SIMON DAVID
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	:NA :NA	2)BERRY STEPHEN
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A rectifier circuit comprising an AC input, at least one thyristor coupled to the AC input, a DC bus driven by the at least one thyristor, a controller arranged to: derive a first current in the DC bus, derive a maximum current demand on the DC bus, and provide a trigger signal to the at least one thyristor based on the derived maximum current and the derived first current.

No. of Pages: 25 No. of Claims: 23

(21) Application No.3634/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: INHALER DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)CIPLA LIMITED Address of Applicant: MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA, INDIA. (72)Name of Inventor: 1)MALHOTRA, GEENA 2)RAO, XERXES 3)MHAPSEKAR, VRINDA
	:NA :NA :NA	
Filing Date	:NA	

#### (57) Abstract:

An inhaler device for facilitating the inhalation of a medicament from a pierceable medicament capsule, the inhaler device comprising a body (1) having a chamber (14) for receiving a pierceable medicament capsule; piercing means (7) for piercing a medicament capsule received in said chamber (14); and an actuating member (3) moveable relative to the body (1); characterised by a plurality of cam members (180,190) and a cam track, wherein one movement of the actuating member (3) relative to the body (1) causes one (180) of said cam members to move along the cam track (230) in abutment therewith, the piercing means (7) thereby being pressed from a retracted position to an extended position; wherein another movement of the actuating member (3) relative to the body (1) causes the other one (190) of said cam members to move along the cam track (330) in abutment therewith so that the piercing means (7) is pressed from an extended position towards a retracted position.

No. of Pages: 50 No. of Claims: 20

(22) Date of filing of Application :19/11/2013 (43) Publication Date : 31/07/2015

(54) Title of the invention: A PROCESS FOR SYNTHESIS OF ALLOISOLONGIFOLENE AND/OR 3-PENTEN-2-ONE, 4-(OCTAHYDRO-1, 7A-DIMETHYL-1,4-METHANO-4H-INDEN-4-YL)-,[1S-[1ISOMERS OR DERIVATIVES.

(51) International classification	A61Q5/00, A61K8/11, C11D7/	(71)Name of Applicant:  1)S. H. KELKAR AND COMPANY PVT. LTD.  Address of Applicant: LAL BAHADUR SHASTRI MARG,  MULUND WEST, MUMBAI 400080, MAHARASHTRA,
(31) Priority Document No	:NA	INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)KEDAR R. VAZE
(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	

<sup>(57)</sup> Abstract:

The present invention discloses a process for synthesis of alloisolongifolene and/or derivatives and/or isomers. It particularly discloses a process for synthesis of 3-Penten-2-one, 4-(octahydro-1,7a-dimethyl-1,4-methano-4H-inden-4-yl)-,[1S-[1,3,4,7]] and its isomers or derivatives.

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

(22) Date of filing of Application :29/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: POWER SUPPLY METHOD FOR DIMMING SYSTEM AS WELL AS DIMMING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:H05B33/08 :201210429000.4 :31/10/2012 :China :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC SOUTH EAST ASIA (HQ) PTE LTD Address of Applicant:10 Ang Mo Kio Street 65, #02-01/06 Techpoint 569059 Singapore (72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)ZHONG, Xiaolong
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

The embodiments of the present disclosure disclose a power supply method for dimming system and a dimming system, which are applied to the technical field of electronic equipment. The control unit in the dimming system may: acquire time-domain information of an electrical parameter of a load in the dimming system in multiple power supply cycles, where the electrical parameter is current or voltage; determine the type of the load in the dimming system according to the acquired time-domain information and a preset correspondence, where the preset correspondence includes time-domain characteristics corresponding to electrical parameters of various types of loads; and control a power-supplying mode of the load according to the determined type of the load, such that the dimming system supplies power to the load according to the corresponding power-supplying mode. As such, the specific type of a load can be determined according to time-domain information of a practical electrical parameter of the load, and power can be supplied to the load in different modes according to the type of the load. Since it is relatively easy to acquire time-domain information of a practical electrical parameter of a load, the process for identifying the type of the load is relatively simple.

No. of Pages: 45 No. of Claims: 18

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF 1-PHENYL-3-AMINOPROPANE DERIVATIVES

(51) Intermedianal alegaician	·C07C212/10	(71) Name of Applicant.
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Unimark Remedies Ltd.
(32) Priority Date	:NA	Address of Applicant :Enterprise Center, 1st Floor, Off: Nehru
(33) Name of priority country	:NA	Road, Vile Parle (East), Mumbai- 400099, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KALARIA, Ashok J
(87) International Publication No	: NA	2)KUMAR, Mukesh
(61) Patent of Addition to Application Number	:NA	3)SIDHDHPURA, Ankur A
Filing Date	:NA	4)CHAUHAN, Yogendra
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to a novel process for the preparation of 1-phenyl-3-aminopropane derivative compounds corresponding to the formula (I) (I) and/or its intermediates, and/or its stereo specific isomers or pharmaceutically acceptable salts, hydrates, or solvates thereof.

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

(21) Application No.3671/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MULTI ZIPPER COMPRESSIBLE BAG

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:NA :NA	(71)Name of Applicant:  1)Welspun India Limited Address of Applicant: Welspun House, 6th Floor, Kamala
(33) Name of priority country (86) International Application No	:NA :NA	City, Senapati Bapat MArg, Lower Parel, Mumbai 4000 13 Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Ms. Dipali Goenka
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A bag (100) for compression packaging of a compressible article is provided. The bag (100) includes a body portion (101) and a cover (102) with a first zipper (103) to open or close the body portion (101). Further the bag (100) includes a second zipper (104) provided in the body portion (101) which is operated to slide between a first zipped position and a second zipped position to permit volume compression and expansion of the bag (100). The first zipped position retains said compressible article under compressed condition without affecting loft & resilience of the article, while the second zipped position retains said compressible article under expanded condition.

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

(22) Date of filing of Application :22/11/2013

(43) Publication Date: 31/07/2015

(54) Title of the invention : ANTIVIRAL FORMULATION FOR RABIES AND ENCEPHALITIS CAUSING VIRUSES FROM DESMODIUM GANGETICUM (L) DC., METHOD OF EXTRACTION, PREPARATION AND BIOACTIVE COMPOSITIONS THEREOF

	:A61K	(71)Name of Applicant :
(51) International classification	39/00,	1)RAJESH KUMAR GANJHU
	A61K 9/00	Address of Applicant :ROW HOUSE NO. 3, SURVEY NO.
(31) Priority Document No	:NA	1/1/1, LAXMI NAGAR, PIMPLE GURAV, PUNE 411027,
(32) Priority Date	:NA	MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)RAJESH KUMAR GANJHU
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

Disclosed herein is a proprietary antiviral formulation effective as a prophylactic as well as therapeutic against a plurality of viruses including Rabies, encephalitis causing viruses. Also disclosed is its preparationusing non-aqueous solvents and formulations based on such active ingredient.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COTTON ACCUMULATOR SYSTEM

(51) International classification :A01D46/ (31) Priority Document No :13/709,6/ (32) Priority Date :10/12/20 (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	MOLINE, ILLINOIS, 61265-8098,U.S.A.   (72)Name of Inventor •
--	---

## (57) Abstract:

A cotton accumulator system for a cotton harvester is disclosed. The cotton accumulator system includes a cotton storage structure having an upper inlet and a lower outlet. A paddle shaft is coupleable to the cotton storage structure and configured to rotate about an axis. A plurality of paddles is coupleable to the paddle shaft. The plurality of paddles is configured to rotate with the paddle shaft to disperse cotton substantially evenly in the cotton storage structure.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HYDRAULIC ACTUATING PIN SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:13/719,658 :19/12/2012 :U.S.A. :NA	Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, U.S.A. (72)Name of Inventor :
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:NA :NA : NA :NA :NA	(72)Name of Inventor: 1)MEYER DUANE F 2)BUTTJER JEFFREY A
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A hydraulic actuating pin system is disclosed with an actuating pin, clutch drum, spring and hydraulics. The clutch drum has a scalloped annulus with raised and lowered sections. The spring pushes the pin towards the scalloped annulus. When the pin extends into the lowered section, it prevents the clutch drum from rotating. The hydraulics can compress the spring and extract the pin to allow the clutch drum to rotate. The proximal end of the pin can include a head, and hydraulic pressure can move the head to compress the spring. When the pin is fully extended into the lowered section, the end of the pin can not touch the bottom of the lowered section. The hydraulics can include a one-way valve allowing flow from a pump source to the pin, and a pressure release orifice allowing controlled release of hydraulic pressure from the pin.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEMS AND METHODS FOR AUTOMATED LEGAL REGULATION COMPLIANCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G06Q10/00, G06Q40/00 :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 (72)Name of Inventor: 1)GHAISAS, Smita S 2)MOTWANI, Manish 3)ANISH, Preethu Rose
<ul> <li>(61) Patent of Addition to Application Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	4)BALASUBRAMANIAM, Balaji 5)KRISHNAMURTHY, Aarthy

## (57) Abstract:

Systems and methods for automated interpretation of legal regulations are described. The described systems implement a method that includes receiving a plurality of legal regulations and deconstructing the plurality of legal regulations based on at least one of a regulatory rule model and Minsky<sup>TM</sup>s frames to form a computer interpretable regulation repository. The method also includes identifying rule intents applicable to each of the deconstructed plurality of legal regulations; and classifying the plurality of legal regulations into at least one rule act based at least on the identified rule intents.

No. of Pages: 36 No. of Claims: 14

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DOOR HANDLE ASSEMBLY FOR MORTISE LOCK

(51) International classification	:E05C5/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)GODREJ & BOYCE MFG. CO. LTD.
(32) Priority Date	:NA	Address of Applicant :LOCKS DIVISION (PLANT-18)
(33) Name of priority country	:NA	PIROJSHANAGAR, VIKHROLI, MUMBAI - 400 079,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)THOTTUVAI SIVASUBRAMANI MURALI
(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 door handle assembly for mortise lock comprising a. bridging bar (7) for enabling coactions between handle (1) and locking mechanism of the lock; b. the handle (1) having an opening (la) to receive one end of the bridging bar (7) and a pair of slots (lb) to receive fastening means (8) for enabling fixing of the handle (1) with the bridging bar (7) by tightening the fastening means (8) into fixing slot (7a) of bridging bar (7); c. an inner rosette (4) comprising an opening (4h) at centre to receive the bridging bar (7), a circular depressed surface (4d) surrounding the opening (4h), a stop element (4a) having first stop surface (4b), second stop surface (4c) and a depression (4f); d. a spiral spring (5); e. a cam (6) having square hole (6d) to receive the bridging bar (7), the first surface (6a) and second surface (6b) being in contact with either of the surfaces (4b) or (4c) of the inner rosette (4), a first groove (6c), second groove (6e) and a projection (6f); f. an outer rosette (2) to accommodate the inner rosette (4); and g. a circlip (3) being inserted into the groove (6e) of cam (6); wherein the spring (5) is accommodated between the inner rosette (4) and the cam (6), first end (5a) of spring (5) is held by the stop element (4a) of inner rosette (4) and second end (5b) of the spring (5) is held by the first groove (6c) of cam (6).

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

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PROCESS FOR GENERATING SECURE RECOGNITION BASED GRAPHICAL PASSWORD BY WATERMARKING

	:H04L9/00,	(71)Name of Applicant :
(51) Intermetional alogaification	H04N1/32,	1)G. H. Raisoni College Of Engineering
(51) International classification	H04N1/00,	Address of Applicant :CRPF Gate No. 3, Digdoh Hills,
	G06Q30/	Hingna Road, Nagpur Maharashtra 440016 India
(31) Priority Document No	:NA	2)G.H.R. Labs and Research Centre
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Amruta Mahadeorao Borkar
(86) International Application No	:NA	2)Manisha Thakur
Filing Date	:NA	3)Priyanka Nandeshwar
(87) International Publication No	: NA	4)Ashwini Bhitre
(61) Patent of Addition to Application Number	:NA	5)Tabassum Khan
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

Present invention provides an alternative solution to the text-based authentication which is the GUA (Graphical User Authentication) or simply Graphical Password based on the fact that humans tend to remember images better. The graphical password is difficult to write down, while this was claimed as a desirable feature, as it could be an effective measure to prevent social engineering attacks, it makes password sharing difficult, thus making system-generated password difficult to be sent to a human user. This type of interface provides an easy to create and remember passwords for the users. However, one big issue that is plaguing GUA is shoulder surfing attack that can capture the users mouse clicks and image gallery attack that can change the images of the gallery with physical attack. To prevent these attacks and to provide more security to the system we will use graphical password with watermarking. Following invention is described in detail with the help of figure 1 of sheet 1 showsgrid for Registration Phaseand figure 2 of sheet 1 shows grid in Login Phase.

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

(22) Date of filing of Application :23/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AN IMPROVED DELAYED COKING PROCESS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C10G55/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Indian Oil Corporation Limited    Address of Applicant: G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai-400 051 (IN) Maharashtra India (72)Name of Inventor:  1)THAKUR, Ram Mohan 2)ARORA, Ajay Kumar 3)DEVI PRASAD, Terapalli Hari Venkata 4)RAMACHANDRAN, Pradeep Ponoly 5)DIXIT, Jaidev Kumar 6)Rajesh 7)BHATTACHARYYA, Debasis 8)PURI, Suresh Kumar 9)KUMAR, Brijesh 10)RAJAGOPAL, Santanam 11)MALHOTRA, Ravinder Kumar
---	---	---

## (57) Abstract:

The present invention provides a delayed coking process comprising a step of subjecting a mixed feed comprises residual heavy hydrocarbon feedstock and bio oil obtained from fast pyrolysis of lignocellulosic biomass of one or more of Jatropha, Cashew nut, Karanjia and Neem to a delayed coking process and a system for the delayed coking process.

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : AN APPARATUS FOR MIXING, TRITURATION AND DRYING OF HEAT SENSITIVE MATERIALS

	:B41M5/323,	(71)Name of Applicant:
(51) International classification	C07D277/20,	
(31) international classification	C09B23/04,	Address of Applicant :C14, SYMPHONY CO.OP. HOUSING
	C07	SOCIETY, CHANDIVALI FARM ROAD, SAKI VIHAR,
(31) Priority Document No	:NA	CHANDIVALI, ANDHERI (E)- 400072 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SAMEER MADHUKAR MALVADE
(86) International Application No	:NA	2)BENU SUBODH ROY
Filing Date	:NA	3)JAYAPRAKASH VISHNU KHOND
(87) International Publication No	: NA	4)RAMDAS T KOKANE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to an oscillator roller trituration apparatus, comprising: a cabinet stand; a curved sample vessel; at least one roller for triturating samples; at least one scraper for removing the samples from the rollers and the curved sample vessel; a primary shaft; at least one side arm for connecting the primary shaft and the rollers; a mean for connecting the rollers to the side arm; a mean for rotating primary shaft; and a mean for controlling motion of primary shaft.

No. of Pages: 14 No. of Claims: 11

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SOLAR CHARGE CONTROLLER SYSTEM FOR SUPPLYING LOAD AND METHOD THEREFOR

(51) International classification	H01L31/04, H02J7/34, H01M10	Address of Applicant :LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(31) Priority Document No	:NA	001, Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)PAVAN KUMAR SHARMA
(86) International Application No	:NA	2)RAMACHANDRA RAO ROUTU
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 solar charge controller system for power supply units including UPS (Un-interrupted Power Supply) unit and inverter. The system includes solar array junction box coupled to a solar photovoltaic system and a charge controller. The charge controller is used to maintain proper charging voltage on the batteries. As the input voltage from the solar array rises, the charge controller regulates the charge to the batteries preventing any overcharging so as to extend the battery life. The function of the charge controller is to disconnect the solar panel when the battery becomes charged and re-connect the solar panel when the battery needs recharging.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3444/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: FUEL LID APPARATUS

	:B62D25/00,	(71)Name of Applicant :
(51) International classification	B60K15/05,	1)MAHINDRA & MAHINDRA LIMITED
	B60J5/06	Address of Applicant :R&D CENTER, AUTO SECTOR, 89,
(31) Priority Document No	:NA	M.I.D.C., SATPUR, NASHIK - 422007 MAHARASHTRA,
(32) Priority Date	:NA	INDIA
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)AMPOLU CHAITANYA SAGAR
Filing Date	:NA	2)PRASHANT PREMKUMAR DHAGE
(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 fuel lid apparatus (30) for a vehicle (100). The fuel lid apparatus (30) comprises a lid (5), a pair of connecting links (10), a spring (15) and a fixed part (20). The lid (5) coincides with the outer panel (60) when the fuel lid apparatus (30) is in a closed condition and is positioned outside with respect to the outer panel (60) when the fuel lid apparatus (30) is in an open condition. The fuel lid apparatus (30) provides uniform gap with reduced clearance that improves aesthetics and also, increases the reliability in opening and closing the lid (5).

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

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A SYSTEM AND METHOD FOR PREDICTING THERMAL-INSIGHTS OF A DATA CENTER

(51) International classification	:G06F1/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :TATA CONSULTANCY SERVICES
(33) Name of priority country	:NA	LIMITED, NIRMAL BUILDING, 9TH FLOOR, NARIMAN
(86) International Application No	:NA	POINT, MUMBAI 400021, MAHARASHTRA India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DEODHAR, ANIRUDH
(61) Patent of Addition to Application Number	:NA	2)BHAGWAT, HARSHAD GIRISH
Filing Date	:NA	3)SINGH, AMARENDRA KUMAR
(62) Divisional to Application Number	:NA	4)SIVASUBRAMANIAM, ANAND
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a method for real-time prediction of thermal-insights for a heat dissipating device in a data center cooled by one or more cooling units. The method uses a concept of influence mass fractions in conjunction with proper orthogonal decomposition (POD) based reduced order model. It may be understood that, the influence mass fractions may be computed by performing a fixed number of CFD simulations based on mass flow rates of the one or more cooling units. The method further facilitates to identify a set of reference scenarios for a given range of operational parameters of the one or more cooling units impacting the heat dissipating device. The set of reference scenarios may then be provided to the POD in order to predict the thermal-insights of the data center such as a temperature, mass flow rate, and insights into thermal influence of air sources on the heat dissipating device.

No. of Pages: 50 No. of Claims: 13

(22) Date of filing of Application :25/11/2013

(43) Publication Date: 31/07/2015

## (54) Title of the invention: A PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K36/06, A61K36/81, A61K31/35,	Address of Applicant :FLAT NO. 2, DISHA ARCADE,
(21) D D	A61K	NANDIGRAM COLONY, OPPOSITE OF THE MALKAPUR
(31) Priority Document No	:NA	BANK, GAJANAN MAHARAJ CHOWK, GARKHEDA,
(32) Priority Date	:NA	AURANGABAD-431005. Maharashtra India
(33) Name of priority country	:NA	2)DR. NEVPURKAR ANAGHA SANTOSH
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. NEVPURKAR SANTOSH BHAGWAN
(87) International Publication No	: NA	2)DR. NEVPURKAR ANAGHA SANTOSH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

<sup>(57)</sup> Abstract:

A pharmaceutical composition for treating one or more disorders of bone marrow is disclosed.

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

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ENCODER, DECODER AND METHOD

	******	
	:H03M 13/00,	(71)Name of Applicant :
(51) International classification	H04N 7/00,	1)Gurulogic Microsystems Oy
	G01D 5/00	Address of Applicant :Linnankatu 34 20100 Turku Finland
(31) Priority Document No	:GB1222240.2	Finland
(32) Priority Date	:11/12/2012	(72)Name of Inventor:
(33) Name of priority country	:U.K.	1)Ossi Kalevo
(86) International Application No	:NA	2)Tuomas Krkkinen
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 method of encoding source data (20) to generate corresponding encoded data (30) for transmission or storage is provided, wherein the method includes: (a) matching one or more portions of the source data (20) to one or more elements (E) in one or more databases (100), wherein the one or more elements (E) are representative of corresponding one or more data blocks, and recording reference values (R, 300) which relate the one or more portions of the source data (20) to the one or more matched elements (E); and (b) including the reference values (R, 300) in the encoded data (30) together with the one or more databases (100) and/or information identifying the one or more databases (100). A method of decoding encoded data (30) to generate corresponding decoded output data (60) is also provided, wherein the method includes: (a) receiving encoded data (30) including reference values (R, 300) and information regarding area identifiers (U) and information regarding one or more databases (100); (b) decoding from the encoded data (30) the reference values (R, 300); (c) accessing one or more elements (E) from the one or more databases (100) as directed by the reference values (R, 300), wherein the one or more elements (E) are representative of one or more corresponding data blocks; and (d) generating the one or more data blocks for assembling corresponding decoded data (60) for output. The methods are beneficially implemented in an encoder (10), a decoder (50) and in a codec (5). In the codec (5), the at least one encoder (10) and the at least one decoder (50) share one or more databases (100) referred to by reference values (R) included in the encoded data (30).

No. of Pages: 66 No. of Claims: 30

(22) Date of filing of Application :12/04/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HYBRID ANION EXCHANGER IMPREGNATED WITH HYDRATED ZIRCONIUM OXIDE FOR SELECTIVE REMOVAL OF CONTAMINATING LIGAND AND METHODS OF MANUFACTURE AND USE THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B01J41/12 :61623138 :12/04/2012 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant:  1)LEHIGH UNIVERSITY  Address of Applicant: 5 EAST PACKER AVENUE, BETHLEHEM, PA, US - 18015 U.S.A.  (72)Name of Inventor:  1)ARUP K. SENGUPTA 2)SURAPOL PADUNGTHON
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Polymeric anion exchanger are used as host materials in which sub-micron sized hydrated Zr(IV) oxides (HZrO) particles are irreversibly dispersed within the ion exchange medium, such as beads or fibers. The HZrO can be impregnated into the pore structure of resin by mixing the parent anion exchange resin with zirconium solution prepared by pre-calcined zirconium oxide dissolved in concentrated mixture of alcohol and acid, and then followed by precipitation of HZrO particles within the resin by using alkaline solution. Since the anion exchangers have positively charged such as quaternary ammonium functional groups, anionic ligands such as arsenate, fluoride can transport in and out of the gel phase without subjected to the Donnan exclusion effect. Consequently, anion exchanger-supported HZrO submicron particles exhibit significantly greater capacity to remove arsenic and fluoride in comparison with parent anon exchange resins. Known cation exchange resins as support materials do not offer high arsenic or fluoride removal capacity.

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

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DRY SANITATION SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:B08B3/10, B08B3/14 :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant: INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI MUMBAI 400076, MAHARASHTRA, INDIA (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)KISHORILAL MUNSHI
(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 is a dry sanitation system which comprises of a squat type seat portion comprising a front port for collecting urine, a first rear port and a second rear port for collecting solids and washing water respectively. A separator below the seat portion to separate solid and washing water into solid pit and washing water pit respectively and a urine pit to collect urine and a compositing space to carry out aerobic decomposition of the solid waste. The pits can be totally underground, partially underground or totally above the ground, with provision of access to empty the pits whenever required. The dry sanitation system is also useful to dispose disposable sanitary pads and disposable diapers. This system has foot rest with inclination to support heel of the users especially elderly person and making the squatting position comfortable.

No. of Pages: 18 No. of Claims: 12

(22) Date of filing of Application :26/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention: PROCESS FOR MANUFACTURING PROTEIN BASED ADHESIVE AND WOOD AND AGRICULTURAL WASTE BASED PRODUCTS THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:C09H3/00, C09J189/04 :NA	(71)Name of Applicant:  1)Pidilite Industries Limited  Address of Applicant :Regent Chambers, 7th Floor, Jamnalal
(32) Priority Date	:NA	Bajaj Marg, 208, Nariman Point, Mumbai - 400021, Maharashtra,
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PAREKH, Madhukar Balvantray
(87) International Publication No	: NA	2)DIGAR, Mohanlal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is process for preparing protein based binder by denaturing of proteinaceous material such as soy protein, by cooking proteinaceous material in presence of water, alkaline agent, urea and polyphenolic compound, at temperature range 40 to 150 deg C to prepare protein based binder. Another process for preparing the protein based binder comprises carboxylating proteinaceous material by esterification of the proteinaceous material with carboxylating agent to produce carboxylated proteinaceous material, and denaturing of the carboxylated proteinaceous material by cooking the carboxylated proteinaceous material in presence of water, alkaline agent, and polyphenolic compound, at temperature range 40 to 150 deg C. A method for producing wood based product comprises mixing the protein based binder and cross linking agent to prepare a mixture, and applying the mixture to wood material or agricultural waste or combination thereof to produce wood based product.

No. of Pages: 42 No. of Claims: 41

(22) Date of filing of Application :22/11/2013

(43) Publication Date: 31/07/2015

(54) Title of the invention: TASKING SYSTEM FOR MANUFACTURING AN ELECTRONIC UNIT, TRADING SYSTEM FOR A CUSTOMIZED ELECTRONIC UNIT, QUALITY CONTROLLING SYSTEM FOR TRADING A CUSTOMIZED ELECTRONIC UNIT AND METHODS THEREOF

:G06Q30/06,	(71)Name of Applicant :
H01L25/00,	1)MICROIP INC.
G06F17/50	Address of Applicant :PREMIER BUILDING, VICTORIA,
:101143992	MAHE, SEYCHELLES
:23/11/2012	(72)Name of Inventor:
:Taiwan	1)HSI-KUEI YANG
:NA	2)CHIA-FEN HUANG
:NA	3)YU-JU YEH
: NA	
:NA	
:NA	
:NA	
:NA	
	H01L25/00, G06F17/50 :101143992 :23/11/2012 :Taiwan :NA :NA :NA :NA

### (57) Abstract:

A tasking system for manufacturing an electronic unit is provided. The tasking system is connected to a network platform, the electronic unit includes at least a board circuit and an IC chip corresponded to an IC program. The tasking system includes a task assignment side, a first task processing side and a second task processing side. The task assignment side is connected to the network platform for proving a task requesting table and publishes the task requesting table to the network platform, wherein the task requesting table is corresponded to the electronic unit. The first task processing side is connected to the network platform. The first task processing side constructs the IC chip in accordance with the task requesting table. The second task processing side is connected to the network platform, and the second task processing side constructs the board circuit in accordance with the task requesting table.

No. of Pages: 63 No. of Claims: 82

(22) Date of filing of Application :22/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : TRANSLATION OF JAPANESE PRINTED DOCUMENTS INTO ENGLISH LANGUAGE WITH TOUCHING CHARACTER PROBLEMS

	:G03G15/22,	(71)Name of Applicant:
(51) International classification	G06F17/28,	1)G. H. Raisoni College Of Engineering
	G06F 17/00	Address of Applicant :CRPF Gate No. 3, Digdoh Hills,
(31) Priority Document No	:NA	Hingna Road, Nagpur Maharashtra 440016 India
(32) Priority Date	:NA	2)G.H.R. Labs and Research Centre
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AlifiaAkhtar
Filing Date	:NA	2)AparajitaBarthwal
(87) International Publication No	: NA	3)Himanshi Pashine
(61) Patent of Addition to Application Number	:NA	4)Tanvi Oak
Filing Date	:NA	5)Prof. Sampada S. Wazalwar
(62) Divisional to Application Number	:NA	_
Filing Date	:NA	

### (57) Abstract:

The project deals with the character segmentation method for Japanese printed documents. Since character segmentation is a kind of a search problem, avoiding combinatorial explosion • is essential in realizing practical systems. Segmentation is very complicated especially when characters touch each other. This method gives a multi-stage algorithm, where earlier stages treat more reliable segmentation than later stages and later stages utilize information obtained from the results of earlier stages. Segmentation hypotheses are generated in each stage on the basis of the results of earlier stages, and they are verified by character recognition results. Following invention is described in detail with the help of figure 1 of sheet 1 showsSeparable and Compound Japanese Charactersand figure 2 of sheet 1 shows Flowchart.

No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: GROUNDNUT HARVESTING AND CUTTING MACHINE

(51) International classification	:A01D29/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G.H.R. Labs and Research Centre
(32) Priority Date	:NA	Address of Applicant :345, Sharda House, Kingsway, Nagpur,
(33) Name of priority country	:NA	Maharashtra-440001 India
(86) International Application No	:NA	2)G. H. Raisoni College Of Engineering
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DhananjayBobade
(61) Patent of Addition to Application Number	:NA	2)Kaustubh Badge
Filing Date	:NA	3)AkshayMamidwar
(62) Divisional to Application Number	:NA	4)BhushanUkande
Filing Date	:NA	5)Mr. PravinMotiramjiWanjari

### (57) Abstract:

The present invention provides for an easy to use, cost effective machine for harvesting of ground nut from soil in order to replace manual harvesting of ground nut from soil and cutting of groundnut from the plant. Ground nut harvesting and cutting by the conventional manual method is a time consuming process and also it requires larger man power. Thus, present invention simplifies the whole process in order to save time as well as labor cost. Invention completely works manually it do not requires any fuel intake and external electric supply thus it is eco friendly. Following invention is described in detail with the help of Figure 1 of sheet 1 which shows the one of the preferred embodiment of the ground nut harvesting and cutting machine.

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

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MAGNETIC WALL CLIMBING DEVICE ON FERROMAGNETIC SURFACE

(51) International classification	:B25G3/12	(71)Name of Applicant :
(31) Priority Document No	:NA	1)G. H. Raisoni College Of Engineering
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3, Digdoh Hills,
(33) Name of priority country	:NA	Hingna Road, Nagpur Maharashtra 440016 India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Rahul Sanghi
(61) Patent of Addition to Application Number	:NA	2)Dharmaraj Tidke
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The wall climbing device that makes use of permanent magnets and pneumatic control systems is simple in operation. It has sufficient payload capacity to execute the job on ferromagnetic walls under hazardous environment, typically observed in maintenance and inspection of high pressure boilers in power plants. The device is presently designed to travel along a straight path. The rate of onward movement of the wall climbing device is in steps of 125 mm but can be suitably altered as required. The device exert enough magnetic pull and is capable of taking a payload of up to 4Kg.Following invention is described in detail with the help of Figure 1 of sheet 1 showingmodel of wall climbing device, Figure 2 of sheet 2 showingactuating mechanism for magnets, Figure 3 of sheet 3 showingsteps for advancement of frame and Figure 4 of sheet 4 showing pneumatic control circuit.

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

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: RAPID MOLECULAR METHOD FOR QUANTIFYING CORROSION CAUSING MICROBES

(51) International classification :C12Q1/6 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant:  1)Indian Oil Corporation Limited    Address of Applicant: G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai-400 051, Maharashtra India (72)Name of Inventor:  1)UPRETI, Manoj Kumar  2)SINGH, Mahendra Pratap  3)AMIR, Qazi Mohammad  4)PURI, Suresh Kumar  5)GUPTA, Anurag Ateet 6)RAJAGOPAL, Santanam  7)MALHOTRA, Ravinder Kumar
---	---

## (57) Abstract:

The present invention is related to a rapid nucleic acid based method for detecting and quantifying the microbes causing biofouling and biocorrosion in various metallic assets in hydrocarbon industry. The present invention further also provides for primers for detecting and quantifying microbes causing biofouling and biocorrosion in various metallic assets in hydrocarbon industry

No. of Pages: 75 No. of Claims: 15

(21) Application No.3205/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: FLUID FLOW METERING APPARATUS

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:1218898.3 :19/10/2012	(71)Name of Applicant:  1)SECURE INTERNATIONAL HOLDINGS PTE. LTD. Address of Applicant: 3 Philip Street, # 18-00, Commerce Point, 048693, Singapore (72)Name of Inventor: 1)Peter Robert THOMPSON 2)Vimal DUBEY
--	---------------------------	---

#### (57) Abstract:

A fluid flow metering apparatus is provided comprising a flow passage within which fluid is adapted to flow, and means for propagating an ultrasonic signal through the flow passage, the propagating means comprising a first transducer for sending an ultrasonic signal downstream of the flow and a second transducer for sending a signal upstream of the flow, the apparatus further comprising a transceiving means to cause the ultrasonic signal to be transmitted in both directions through the flow passages by the first and second transducers and a processing means to determine information representative of the time of flight of the ultrasonic signals received by the first and second transducers, wherein the transceiving means is operable to provide a drive signal which comprises a band of frequencies and changes its bandwidth with time, narrowing as time elapses.

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

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ZONE SELECTIVE INTERLOCKING FOR CIRCUIT BREAKERS

(51) International classification (31) Priority Document No	H02H7/30 :NA	(71)Name of Applicant:  1)LARSEN & TOUBRO LTD.  Address of Applicant: L&T HOUSE, BALLARD ESTATE,
(32) Priority Date	:NA	MUMBAI-72, Maharashtra India
(33) Name of priority country (86) International Application No	:NA :NA	(72)Name of Inventor:
Filing Date	:NA :NA	1)PURBA TRIPATHY 2)VINOD Y DESHMUKH
(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 zone selective interlocking (ZS1) system for circuit breakers using electrical power lines. The system, using power line communication, transfers a ZSI signal on an existing power grid hence minimizing the wired network. The power line communication transfers the signal using high frequency hence it does not interfere with the circuit breakers existing signals to maintain the synchronization between upstream and downstream circuit breakers.

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

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR DEMARCATING SENSITIVE REGIONS IN THE QUERY OUTPUT

(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
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIDHANI, Kumar Mansukhlal
(87) International Publication No	: NA	2)SIRIGIREDDY, Gangadhara Reddy
(61) Patent of Addition to Application Number	:NA	3)NAIR, Vikram
Filing Date	:NA	4)BANAHATTI, Vijayanand Mahadeo
(62) Divisional to Application Number	:NA	5)LODHA, Sachin P.
Filing Date	:NA	

### (57) Abstract:

Disclosed is a system and method for identifying sensitive data regions in response obtained based on execution of a query against a database. The system and method may enable defining rules capable of being applied on a response received from the database. The rules defined by the user may help in identifying vertical regions or portions in the response which might be sensitive. The system and method may enable analyzing the query and determining structure defined within the query. The system and method may further enable defining the sensitivity of the column and the query. The system and method may further enable identifying the sensitive region in the response returned after the execution of query. The identification of the sensitive region may depend on the type of query and the contextual information.

No. of Pages: 37 No. of Claims: 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3212/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CONTAINER FOR SEGMENTED VULCANIZING MOULDS WITH A SPRING MECHANISM

(51) International classification	:B29C33/02, B29D30/06, B29C33/00	(71)Name of Applicant: 1)PNEUFORM Huln, a.s. Address of Applicant: Kromerizska 134, 768 24 Hulin, Czech
(31) Priority Document No	:CZ2013- 28027 U	Republic (72)Name of Inventor:
(32) Priority Date	:05/06/2013	1)Jan Bambuch
(33) Name of priority country	:Czech Republic	
(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) A1		•

### (57) Abstract:

The container (100) for segmented vulcanization moulds with a spring mechanism is characterized in that the spacing ring (11) and conical ring (12) are movably connected with the spring mechanism (10). This spring mechanism consists of f a pin (10.1) firmly mounted in the conical ring (12) under the first recess (10.2) formed in this conical ring (12). This pin (10.1) runs through the opening (10.4) made in the spacing ring (11) to the second recess made in this spacing ring (11). In the first recess (10.2) on the pin (10.1) there are mounted springs (10.5) which rest by one side against the vertical side (10.21) of the first recess (10.2) and by the other side they rest against the first washer (10.6), with the first washer (10.6) resting against the bottom side (11.2) of the spacing ring (11).

No. of Pages: 19 No. of Claims: 2

(21) Application No.3745/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AIR VENT FOR AUTOMOBILES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B60H1/32, B60H1/34 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MAHINDRA & MAHINDRA LIMITED  Address of Applicant: R&D CENTER, AUTO SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422007 MAHARASHTRA, INDIA (72)Name of Inventor:  1)ASHISH SUBHASH JUNANKAR 2)MALARKODI KANDASAMY
---	---	---

### (57) Abstract:

Disclosed is an air-vent device (100) for an air conditioning system of vehicles. The air-vent device (100) comprises at least two flaps (10, 20), a V shaped link (30), an inner ring (40) and an outer ring (50). The air-vent device (100) is easy to manufacture due to use of single V link (30) that poses less interference with the at least two flaps (10, 20) and allows easy identification of the flap position in night time. The air-vent device (100) avoids cutout for the V link (10, 20) thereby reduces air leakage.

No. of Pages: 18 No. of Claims: 1

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MECHANICAL STEERING COLUMN LOCK ASSEMBLY WITH DEADLOCK MECHANISM

(51) International classification	:B60R21/05, B60R25/0215	(71)Name of Applicant: 1)MINDA VALEO SECURITY SYSTEMS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :B21, MIDC CHAKAN, PUNE,
(32) Priority Date	:NA	MAHARASHTRA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)T. SELVARAJ
Filing Date	:NA	2)HIMANSHU JAIN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

### (57) Abstract:

Disclosed is a mechanical steering column lock assembly for a vehicle. The lock assembly comprises a housing and a deadlock mechanism. The deadlock mechanism includes a latch lock that becomes dead and inaccessible when a barrel unit of the housing is removed during theft thereby protecting the vehicle from unauthorized steering shaft release.

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

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A SYSTEM FOR REDUCTION OF WEIGHT OF SCHOOL BAG.

	:A45F	(71)Name of Applicant :
(51) International classification	3/00,	1)HARISH TIWARI
	A45F3/04	Address of Applicant :PIMPRI CHINCHWAD COLLEGE OF
(31) Priority Document No	:NA	ENGINEERING, SECTOR 26, PRADHIKARAN, NIGDI,
(32) Priority Date	:NA	PUNE-411 044, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	2)VIVEK GOMASE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HARISH TIWARI
(87) International Publication No	: NA	2)VIVEK GOMASE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A system or scheme for reducing weight of school bag of students, said system is about rearranging the contents of books used by the students; in the said system it is proposed that the chapters of the books should not be arranged subject wise. It is proposed that the all the chapters from all the books of the standard syllabus should be divided in sections. One particular section should contained chapters from all subjects. For example if a student has to study four subjects with 12 chapters in each subject, it is proposed that there can be four sections. In each section three chapters of each book can be placed. Similarly the notebooks can also be rearranged. The notebooks can be prepared according to requirement in desired number of section. Each section of notebook contains required pages for particular subjects. In this case student has to carry only one section of books and one section of notebook to school. In case those chapters of particular subjects are finished and chapters of another particular subjects are unfinished student has to carry maximum two section of books and two section of notebooks. This will reduce the load to be carried to school and thereby will reduce the weight of schoolbag by 75 to 50 %.

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

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEM AND METHOD TO MONITOR AND CONTROL EXPOSURE OF SENSITIVE DATA

(51) International classification	G03B42/02, H04N1/04, G06T5/	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)VIDHANI, Kumar Mansukhlal
(33) Name of priority country	:NA	2)NAIR, Vikram
(86) International Application No	:NA	3)SIRIGIREDDY, Gangadhara Reddy
Filing Date	:NA	4)BANAHATTI, Vijayanand Mahadeo
(87) International Publication No	: NA	5)LODHA, Sachin P
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Disclosed is system and method for controlling exposure of sensitive data. Receiving initial privacy score and operational privacy score for a user. Initial privacy score indicates access initially available to user associated with sensitive data. Operational privacy score is revised based on based on a number of privacy units accessed while executing a task, to generate revised operational privacy score. Final privacy score for user is determined based on initial privacy score and revised operational privacy score. Final privacy score defines amount of restriction to be imposed on actions of user while accessing sensitive data. Final privacy score is enforced for the user while accessing the sensitive data to control exposure of sensitive data to the user.

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

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR PRESERVING PRIVACY OF DATA RESIDING IN THE DATABASE

		(71)Name of Applicant:
		1)Tata Consultancy Services Limited
(51) International classification	:G06F17/30	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(31) Priority Document No	:NA	Point, Mumbai 400021, Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SIRIGIREDDY, Gangadhara Reddy
(86) International Application No	:NA	2)NAIR, Vikram
Filing Date	:NA	3)VIDHANI, Kumar Mansukhlal
(87) International Publication No	: NA	4)JOHRI, Sumit
(61) Patent of Addition to Application Number	:NA	5)THAKUR, Apurva
Filing Date	:NA	6)PANDEY, Prashant
(62) Divisional to Application Number	:NA	7)BANAHATTI, Vijayanand Mahadeo
Filing Date	:NA	8)PATWARDHAN, Nikhil Girish
		9)SHUKLA, Manish
		10)LODHA, Sachin P.

## (57) Abstract:

Disclosed is a system and method for preserving privacy of data residing in a database. A db access and sensitive rule configuration module for enabling an admin user to configure access privilege corresponding to each user, a plurality of rules to be applied on a plurality of datasets in the data, and masking policy to be applied on the dataset. A query input module for receiving at least one query, from the user, to be executed on the database. The at least one query is received in order to retrieve the dataset. A query analysis module for analyzing the at least one query in order to determine presence of sensitive data in the dataset. A data transformation module for transforming the sensitive data by applying the masking policy configured on the dataset based on the rule, thereby preserving privacy of data residing in the database.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3725/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: I METER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA :NA :NA	(71)Name of Applicant:  1)PILLAY RAJENDRA ARMUGAM Address of Applicant: B 202, RUNWAL REGENCY, 9 CONNAUGHT ROAD, PUNE - 411001, MAHARASHTRA, INDIA.  2)PILLAY RATANRAJ ARMUGAM (72)Name of Inventor:
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	(72)Name of Inventor : 1)PILLAY RATANRAJ ARMUGAM

### (57) Abstract:

A system for intelligently tracking a vehicle and communicating information therewith, the system comprising a digital meter comprising a controller comprising a memory for storing data received by the controller and a processor in data communication with the memory, a billing module, a global positioning system module, a display module, a transceiver and a communication module and a server in data communication with the transceiver.

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

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHODS AND SYSTEMS FOR REAL-TIME PAGING

(51) International classification	:H04L12/58	(71)Name of Applicant:
(31) Priority Document No	:61/732, 040	1)AVAYA, INC. Address of Applicant :211, MOUNT AIRY ROAD,
(32) Priority Date	:30/11/2012	BASKING RIDGE, NEW JERSEY 07920, USA.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)THIRUNAVUKK ARASU ARJUNAN
Filing Date	:NA	2)VINOD SULLERI PUTTASWAMY
(87) International Publication No	: NA	3)RAMANUJAN S. KASHI
(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 is directed to methods for sending a real-time message to a recipient, where the sending is accomplished using a pre-existing communication system in communication with at least one of multiple application gateways or multiple networks, and systems including a paging engine; a first application gateway; and an administrative portal; where the paging engine, the first application gateway, and the administrative portal are configured to send a real-time message to a recipient, where the sending is accomplished a pre-existing communication system in communication with at least one of multiple application gateways or multiple networks.

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

(22) Date of filing of Application :29/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : A MECHANISM FOR TRANSFERRING MATERIAL IN A MULTISTORY APARTMENT BUILDING.

	TO 4774 (0.0	
(51) International classification	:E04H1/00, E04H6/18	(71)Name of Applicant : 1)HARISH TIWARI
(31) Priority Document No	:NA	Address of Applicant :MECHANICAL ENGINEERING
(32) Priority Date	:NA	DEPARTMENT, PIMPRI CHINCHWAD COLLEGE OF
(33) Name of priority country	:NA	ENGINEERING, NIGDI, PUNE-411 044, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	2)AMRUTA TIWARI
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)HARISH TIWARI
Filing Date	:NA	2)AMRUTA TIWARI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A system for transferring items to apartments in a multistory building, in the said system a mechanism is proposed, the mechanism consist of an electronically controlled trolley arrangement along the length of a multistory building. The objective of the proposed design is to save electricity enhance security for apartments and also to save human efforts. The trolley is designed with multiple compartments, where material to be transported to apartment can be placed, the compartment have plungers to push material in to an apartment. The apartment has provision to receive the delivered material. An alarm system is proposed to inform the resident about receipt of material. The proposed mechanism will help to reduce security threat to apartments; it will also help to reduce the efforts of person, who otherwise has to visit multiple apartments.

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

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A METHOD AND SYSTEM FOR CONTROLLING FUEL FLOW RATE AND ENERGY IN REHEATING FURNACES OF HOT STRIP MILLS

	:F27B	(71)Name of Applicant:
(51) International classification	9/00,	1)JSW STEEL LIMITED
(31) International classification	F27B	Address of Applicant :JSW CENTRE, BANDRA KURLA
	15/00	COMPLEX, BANDRA(EAST), MUMBAI-400051
(31) Priority Document No	:NA	MAHARASHTRA India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)CHANDRA, Ashish
(86) International Application No	:NA	2)BHAGWAT, Mahesh
Filing Date	:NA	3)MAMBET, Rajeev
(87) International Publication No	: NA	4)MAHADEVAYYA, Madhukumar
(61) Patent of Addition to Application Number	:NA	5)BADIGER, Raghavendra
Filing Date	:NA	6)REVANKAR, Abhijeet
(62) Divisional to Application Number	:NA	7)SHIVKUMAR, Vinoo
Filing Date	:NA	8)AKELA, Arbind Kumar

### (57) Abstract:

The present invention relates to a method of fuel and energy saving in reheating furnaces in hot strip mills involving controlled reheating of slabs and a system to implement such method for controlling fuel flow rate and energy in reheating furnaces selectively based on slab dimensions, product details and discharge temperature matrixes so as to reheat the slabs to a desired temperature in reheat furnace for desired mechanical properties in the end product. The method involves developing a correction factor using roughing mill exit temperature(roughing mill exit) matrix for providing feedback to the pre-heating and heating zone of the reheating furnace and roughing mill exit tail-end and head-end correction factor giving feedback to the furnace soaking zone for implementing precise fuel flow control while reducing fuel consumption per ton of slabs with improved quality of end product in a reliable manner avoiding overheating and miss rolls, while also improving furnace productivity with enhanced furnace life.

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

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CAPSULE FILLING MACHINE FOR DOSING CAPSULES WITH DRY POWDER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:A61J3/07, A61K9/48 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)SCI-TECH CENTRE  Address of Applicant: 7 PRABHAT NAGAR, JOGESHWARI WEST, MUMBAI 400 102, MAHARASHTRA, INDIA (72)Name of Inventor:  1)SINGH JASJIT  2)DESHMUKH PRAKASH 3)D'SILVA JAMES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The machine comprises an ultrasonic vibrator (19) consisting of a high frequency, low amplitude ultrasonic generator (20) powered by an AC supply (21) and connected to the group of pistons (11) at the ejection station (F) and the group of pistons at atleast one tamping station (D, E) immediately preceding the ejection station through corresponding number of groups of transducers (22) and mounting blocks (12). The mounting blocks are guided on guide pins (18) which are supported on a common guide plate (14).

No. of Pages: 26 No. of Claims: 4

(22) Date of filing of Application :29/11/2013

(43) Publication Date: 31/07/2015

## (54) Title of the invention: ALKYLPHENOL ETHOXYLATES AND A PROCESS FOR PREPARING THE SAME

	·C07C41/01	(71)Nome of Applicant
(51) International classification	.C0/C41/01, C11D1/72, C07C43/23	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3RD FLOOR, MAKER CHAMBER-IV
(31) Priority Document No	:NA	222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA,
(32) Priority Date	:NA	INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GHOSH RAJSHEKHAR
Filing Date	:NA	2)BANDYOPADHYAY ASHIS RANJAN
(87) International Publication No	: NA	3)JASRA RAKSHVIR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

<sup>(57)</sup> Abstract:

The present disclosure provides C16 alkylphenol ethoxylates represented by formula I: The present disclosure also provides a process for the preparation of C16 alkylphenol ethoxylates from octene rich stream.

No. of Pages: 29 No. of Claims: 12

(22) Date of filing of Application :04/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: LYOPHILIZED FORMULATION OF TREOSULFAN

(51) International classification	·A61K39/395	(71)Name of Applicant:
(31) Priority Document No	:NA	1)EMCURE PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C.,
(33) Name of priority country	:NA	BHOSARI, PUNE-411026, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRAMANICK SOUGATA
(87) International Publication No	: NA	2)GHARGE VIKRAM SHAMRAO
(61) Patent of Addition to Application Number	:NA	3)KINAGE KRISHNA BARSU
Filing Date	:NA	4)SHAH RUSHIL VIDHYUTBHAI
(62) Divisional to Application Number	:NA	5)GURJAR MUKUND KESHAV
Filing Date	:NA	6)MEHTA SAMIT SATISH

## (57) Abstract:

The present invention relates to an improved solid formulation of (2S,3S)-2,3-Dihydroxy-4-methylsulfonyloxybutyl] methanesulfonate. The improved formulations are lyophilized pharmaceutical solid composition containing treosulfan for reconstitution with water to provide a solution for parenteral administration. The present invention also relates to Polymorphic Form I and II of treosulfan.

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

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DRAWBAR APPARATUS OF AN AGRICULTURAL IMPLEMENT

	:A01B29/00,	(71)Name of Applicant:
(51) International classification	A01B5/04,	1)DEERE & COMPANY
	A01B61/04	Address of Applicant :ONE JOHN DEERE PLACE,
(31) Priority Document No	:13/752,465	MOLINE, ILLINOIS, 61265-8098, USA
(32) Priority Date	:29/01/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)KRANTZ JEREMY D
(86) International Application No	:NA	2)BLAUWET BRYAN D
Filing Date	:NA	3)CONNELL RICHARD J
(87) International Publication No	: NA	4)CASPER ROBERT T
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

#### (57) Abstract:

A drawbar apparatus for coupling an earth-working tool to a frame of an agricultural implement. The drawbar apparatus comprises a drawbar. The drawbar comprises a first portion coupled to the frame and a second portion. A joint comprises a first bracket comprising a protrusion. The protrusion defines a first aperture. The first bracket is coupled to one of the second portion of the drawbar and the earth-working tool. A second bracket defines a channel configured to receive the protrusion. The channel defines a second aperture on a first side of the channel and a third aperture on a second side of the channel. The second bracket is coupled to the other of the second portion of the drawbar and the earth-working tool. A fastener is positioned through the first aperture, the second aperture, and the third aperture. The protrusion is configured to move laterally in the channel.

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

(22) Date of filing of Application :02/12/2013 (43)

(43) Publication Date : 31/07/2015

# (54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF FOSAPREPITANT HAVING IMPROVED PURITY.

(51) International classification	:C07D413/06	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PIRAMAL ENTERPRISES LIMITED
(32) Priority Date	:NA	Address of Applicant :PIRAMAL TOWER, GANPATRAO
(33) Name of priority country	:NA	KADAM MARG, LOWER PAREL, MUMBAI-400 013, STATE
(86) International Application No	:NA	OF MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KRISHNAMURTHY, DHILEEPKUMAR
(61) Patent of Addition to Application Number	:NA	2)MORTHALA, RAGHAVENDAR RAO
Filing Date	:NA	3)JAGTAP, ASHUTOSH
(62) Divisional to Application Number	:NA	4)LADKAT, PRASHANT
Filing Date	:NA	5)KUMBHAR, AJAY

### (57) Abstract:

The present invention relates to an improved process for the preparation of [3- {[(2R,35)-2-[(1R)-1-[3,5-bis(trifluoromethyl)phenyI] ethoxy]-3-(4- fluorophenyl)morpholin-4-yl]methyl}-5-oxo- 2H-l,2,4-triazol-1-yl]phosphonic acid (Fosaprepitant or the compound of formula I) or its pharmaceutically acceptable salt, having palladium (Pd) content less than 1 ppm comprising catalytic hydrogenation of the compound of formula II with Pd catalyst optionally in the presence of base, to give the compound of formula I or the pharmaceutically acceptable salt thereof, optionally isolating the compound of formula I or the pharmaceutically acceptable salt thereof twice with the metal scavenger to obtain the compound of formula I or the pharmaceutically acceptable salt thereof having Pd content less than 1 ppm.

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

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DEFINING OBJECT GROUPS IN 3D

(51) International classification :G06F3/048 (31) Priority Document No :13/714,320 (32) Priority Date :13/12/2012 (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	· ·
---	-----

### (57) Abstract:

A computer-implemented method for defining a group of virtual objects representative of physical objects includes receiving a user input via an input device, wherein the user input relates to at least one virtual object. The method also includes using a processor to determine a purpose of the user input, modifying an object group with respect to the virtual object based on the purpose of the user input, and storing the relationship between the object group and the object in a memory area.

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

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING OPTIMIZATION OF COOLING EFFICIENCY OF A DATA CENTER

		(71)Name of Applicant:
(51) International classification	:G05D23/00	1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGH, UMESH
(87) International Publication No	: NA	2)BHAGWAT, HARSHAD GIRISH
(61) Patent of Addition to Application Number	:NA	3)D, SANKARA NARAYANAN
Filing Date	:NA	4)VARGHESE, ARUN
(62) Divisional to Application Number	:NA	5)SINGH, AMARENDRA KUMAR
Filing Date	:NA	6)JAYAPRAKASH, RAJESH
		7)SIVASUBRAMANIAM, ANAND

## (57) Abstract:

Disclosed is a system and method for facilitating optimizing cooling efficiency of a data center. The method may comprise receiving a layout of the data center. The method may comprise computing co-ordinates of each equipment of a plurality of equipments associated with the data center. Further, the method may comprise segregating the layout into a plurality of cells. The method may comprise capturing preliminary data associated with the data center. Further, the method may comprise determining a state value of the data center based upon the preliminary data. The method may comprise capturing CFD data and, selectively, thermal assessment data. Further, the method may comprise facilitating the optimization of the cooling efficiency of the data center by using an external analysis tool capable of performing Computational Fluid Dynamics (CFD) analysis or thermal assessment followed by the Computational Fluid Dynamics (CFD) analysis using the CFD data and the thermal assessment data.

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

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SERVICE AND PRODUCT PURCHASE AND PAYMENT SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q20/20, G06Q20/32 :10 2012 030393-0 :29/11/2012 :Brazil :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)RODRIGO OTAVIO DIAS  Address of Applicant: AVENIDA ANGELICA, 1489 - APTO.  10-A, SAO PAULO - SP - BRAZIL - 01227-100  (72)Name of Inventor:  1)RODRIGO OTAVIO DIAS
---	---	--

#### (57) Abstract:

which features a pre-payment solution for services and/or products with a hybrid NFC (Near Field Communication) and SMS (Short Message Service) solution, with the present system providing an infrastructure composed of a data center (1) which acts as a central hub for the system and establishes double-way ERP (Enterprise Resource Planning) communication with a second data center (2) which acts as Host Colocation, with the data center (2) establishing communication to a mobile device (3) of the Smartphone category and properly equipped with the application employed in the present system; the second data center (2) established communication also with POS (4), as well as with the servers (5) of sales establishments registered to the system.

No. of Pages: 24 No. of Claims: 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3762/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention : A CYLINDER LINER

	:F02B3/06,	(71)Name of Applicant:
(51) International classification	F02F1/16,	1)MAHINDRA & MAHINDRA LIMITED
	F02B75/00	Address of Applicant :GATEWAY BUILDING, APOLLO
(31) Priority Document No	:NA	BUNDER, MUMBAI 400 001 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SAWANT KAKASAHEB VILASRAO
(86) International Application No	:NA	2)PATIL SANDEEP CHOUGONDA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention provides a liner of a combustion engine comprising a tubular body having a longitudinal axis and an undulated profile formed on one of the ends of the tubular body. The undulated profile is defined by having a plurality of projections and a plurality of cuts at the end of said liner. Each projection provided on the non-working area of the liner acts as as a cantilever beam structure, reduces deformation in the liner and absorb strain energy which results in lesser vibrations of liner.

No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application :30/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SOLUBILIZING COMPOSITIONS OF ATORVASTATIN CALCIUM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A61K31/40, C07D207/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)Charotar University of Science & Technology Address of Applicant: CHARUSAT - Education Campus Changa At Post: Changa Taluka: Petlad District: Anand, Gujarat, Pin Code: 388 421 India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)Patel Gayatri Chhaganbhai 2)Malaviya Manali Manubhai 3)Patel Akash Rajendrakumar 4)Navadiya Brijesh Vallabhbhai

#### (57) Abstract:

The present invention discloses solubilizing compositions of atorvastatin calcium which decrease low-density lipoprotein cholesterol (LDL-C) and increase high-density lipoprotein cholesterol (HDL-C). A pharmaceutical formulation of statin comprises of atorvastatin calcium, a non-aqueous vehicle, a binding agent, pharmaceutically acceptable excipients and an antioxidant. It reduces the risk for coronary heart diseases. It exerts faster dissolution in gastric fluid and leads to faster absorption which minimizes acid degradation of drug in the stomach. The compositions are formulated in the form of tablets and capsules.

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

(21) Application No.2783/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: NUTRITIONAL FOOD SUPPLEMENT COMPOSITION

	:A61K36/45,	(71)Name of Applicant:
(51) International classification	A61K36/73,	1)Netsurf Communications Pvt Ltd
	A61K31/35	Address of Applicant :Office No. 4 and 5, Second Floor, Tara
(31) Priority Document No	:NA	Icon, Pune-Mumbai Road, Pune- 411003, Maharashtra, India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Dr. Imran Patel
(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	
<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :NA : NA :NA :NA	Icon, Pune-Mumbai Road, Pune- 411003, Maharashtra, India (72) <b>Name of Inventor :</b>

#### (57) Abstract:

An herbal nutritional composition is disclosed herein which is intended for application as a dietary supplement product for human ingestion across both minor and adult age groups for holistic well-being and health of the consumer.

No. of Pages: 8 No. of Claims: 5

(22) Date of filing of Application :01/11/2013 (4

(43) Publication Date: 31/07/2015

## (54) Title of the invention: A POLYPROPYLENE COMPOSITE BOARD WITH DIGITAL PRINTING & SURFACE COATING

(51) International classification	:B29C70/04, B32B7/12, E04G11/36, E04G9	(71)Name of Applicant:  1)ZEP INTERNATIONAL LIMITED  Address of Applicant: SEA MEADOW HOUSE, BLACKBURNE HIGHWAY, P.O. BOX: 116, ROAD TOWN,
(31) Priority Document No	:NA	TORTOLA, BRITISH VIRGIN ISLANDS, UNITED KINGDOM
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)LUNAVAT, ANUPAM PREMCHAND
(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 polypropylene composite board with digital printing & surface coating Natural Marble and Natural Granite, being used in civil construction, are finite resources not perpetually available. There have been attempts to match the attributes of natural marble and granite by artificial processes and at less expense. Though these products closely resemble natural stones, the processes used in manufacturing these articles are slow, and they are difficult to recycle due to the fact that they are made using a combination of different materials. The present invention provides a method for preparing composite board in polypropylene and digitally printing & coating it externally to provide aesthetics and required hardness. The method comprises corona treatment; applying and drying a primer; applying and curing base coat on the dried surface; sanding of the board using fine emery boards; digitally printing and curing the sanded board; application and curing of a primer; and coating and curing to gain surface hardness, abrasion resistance, scratch resistance, fire resistance and gloss.

No. of Pages: 9 No. of Claims: 5

(22) Date of filing of Application :04/12/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: MANUALLY OPERATED PORTABLE HAND PUMP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B24B5/37, B24D3/14 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)BHINGE NAREN  Address of Applicant:W62, MIDC, SATPUR, NASHIK- 422007, MAHRASHTRA, INDIA. (72)Name of Inventor:  1)BHINGE NAREN
Filing Date	:NA :NA	

#### (57) Abstract:

A manually operated portable hand pump for pumping fluids, such as water comprising: a base for holding the hand pump on ground; a manifold having an inlet, an outlet and an opening, said manifold supported over said base, oa non-return valve disposed on the inlet and another non-return valve on the outlet of the manifold with a seal there between, the non-return valve at the inlet allows ingress of fluid inside the cylinder and the nonreturn valves at the outlet allows egress of the fluid therefrom; a cylinder with air vents adapted to be received in said opening configured on said manifold and adapted to be in fluid communication with said inlet and said outlet; and a piston assembly comprising: o a piston rod with a piston plunger integrally formed on a distal end of said piston rod, the piston plunger adapted to be received inside said cylinder, said piston plunger adapted to slide inside said cylinder as said piston rod is manually actuated using a handle disposed at distal end thereof and accessible from outside said cylinder for defining a suction stroke during which fluid is received inside cylinder from said inlet and power stroke during which fluid is pressed between said piston plunger and internal walls of cylinder and manifold and discharged from said outlet; and o at least a pair of gaskets mounted around said piston plunger and adapted to facilitate fluid tight engagement between said piston plunger and internal side walls of said cylinder.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: WIND ELEVATION ANGLE RECORDER (WINDEAR)

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01P5/07, G01P5/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)KHEDIKAR SHIRISH YOGRAJ Address of Applicant:WARD NO. 3, BEHIND PANCHAYAT SAMITI, AT POST AND TALUKA LAKHANI, DISTRICT BHANDARA,, 441804 Maharashtra India (72)Name of Inventor:  1)KHEDIKAR SHIRISH YOGRAJ
---	---	---

#### (57) Abstract:

Wind is one of the most important weather elements. Generally, horizontal flow of air is called as wind, while vertical flow of air is called as current. But wind never always flow exactly horizontal or vertical. Some time, it can flows slightly upward or downward direction based on current weather conditions. Various instruments and methods are available to measure horizontal flow of air, which scientifically called as wind. But till date, there is no any proper and reliable method or instrument is available to measure nonhorizontal flow of air, which we can call elevation of wind in relation to horizontal surface. Some instruments, which can measure these parameters, are very complicated and require more initial investment hence difficult to use in day-to-day life. To overcome the practical difficulties Wind Elevation Angle Recorder (WINDEAR) is fabricated. It is mainly consists of a four parts viz. fang, arrowhead, tail and weight. The remaining mechanism is prepared to record these observations on graph. Self inked pen that is attached with chain that moves with the help of three gears marking these observations on a graph paper mounted on recording drum. Recording drum automatically rotate with the help of clock mechanism and complete one rotation in 24 hours that means in one day and it is need to replace new graph paper on next day. A special graph paper is prepared for taking wind elevation angle, as wind elevation angle ranges from 90 degree upward and 90 degree downward from horizontal axis. If wind will flow upward in related to horizontal surface then Wind Elevation Angle recorder will show 1 to 90 degrees while, if wind will flow downward from horizontal axis then it will show -1 to -90 degrees. This instrument can work without electricity; hence it is possible to record these observations manually as well as automatically. This device is synchronized in such a way that current wind elevation angle which is indicated on protractor fang, same observation (elevation angle) is recorded on graph paper; it can help to overcome the human errors and negligence. Recording drum and Clock is protected by transparent plastic case from rain and dust hence this instrument can use in any climate and any terrain. The knowledge of wind elevation angle can be used in various fields like Renewable energy. Agriculture. Weather forecasting, Aviation, Navigation, Remote sensing, Architecture, Engineering, wind erosion studies and other fields related to atmospheric studies.

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

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: A CONNECTOR ELEMENT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:F16B37/02, F16B35/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)AUTOMATIC SWITCH COMPANY Address of Applicant:50 HANOVER ROAD, FLORHAM PARK, NEW JERSEY 07932, UNITED STATES OF AMERICA (72)Name of Inventor: 1)KODITKAR PRAIJAT ASHOK
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A connector element is disclosed in accordance with one embodiment of the present disclosure. The connector element is for coupling a first tubular element to a second tubular element, wherein the second tubular element is having an end configuration selected from a threaded end configuration and a non-threaded plain configuration. The connector element is having a threaded element complementary to the threads of the threaded end configuration of the second tubular element, a tube lock that is co-axially arranged with respect to and disposed downstream of the threaded element for holding the second tubular element, and a guide element that is co-axially arranged with respect to and disposed down-stream of the tube lock for guiding the second tubular element.

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

(22) Date of filing of Application :08/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention: SYSTEM(S) AND METHODS(S) FOR MULTIPLE SENDER SUPPORT IN LOW LATENCY FIFO MESSAGING USING TCP/IP PROTOCOL

(51) International classification	H04L29/08, H04Q11/04, H04L	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(31) Priority Document No	:NA	INDIA.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)AGRAWAL, NISHANT KUMAR
(86) International Application No	:NA	2)NANDY, PAYAL GUHA
Filing Date	:NA	3)NAMBIAR, MANOJ KARUNAKARAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Systems and methods for transmitting and receiving multiple messages for multiple senders in low latencies, high throughput using TCP/IP Protocol is described. System comprises Network Interface Card enabled for TCP/IP. message library allowing messaging simultaneously in lockless manner. Transmitting system maps each remote sender process to each First in First Out (FIFO) sub-queue with host node and maps each remote sender process with corresponding remote receiver process with receiving node, arranges messages received from user in FIFO sub-queue dedicated for each user, transmits messages from each FIFO sub-queue to remote receiver process using remote sender process. Receiving system maps each remote receiver process to each FIFO sub-queue with receiving node and maps each remote receiver process with remote sender process with sending node, receives messages transmitted from user via remote receiver processes, arranges messages in FIFO sub-queue dedicated for each user, reads messages from each FIFO sub-queue using round-robin technique.

No. of Pages: 51 No. of Claims: 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3529/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: NOVEL FUEL SAVING IGNITION PUMP

(51) International classification	:F04B9/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BARAD DEVAYATBHAI KARSHANBHAI
(32) Priority Date	:NA	Address of Applicant :BAJRANG DAIRY FARM, KRISHNA
(33) Name of priority country	:NA	PLACE APARTMENT, SAIBABA SOCIETY, B/H BUST
(86) International Application No	:NA	STOP, JUNAGADH, SAURASHTRA, GUJARAT, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BARAD DEVAYATBHAI KARSHANBHAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A novel fuel saving ignition pump consists with one plunger for two pistons. In the present invention 1 ml fuel is used to move the 2cm piston down by using one plunger, By using the present invention, fuel efficiency is increase 40%.

No. of Pages: 7 No. of Claims: 3

(22) Date of filing of Application :08/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention: A STRESS RELIEVING EYEWEAR DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61B5/00, A61B5/053, A61M5/172, G02C1 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)KASHIKAR AJAY G  Address of Applicant: A2, 201, MAHADKAR RESIDENCY, RIGHT BHUSARI COLONY, PAUD ROAD, PUNE, 411038 Maharashtra India (72)Name of Inventor:  1)KASHIKAR AJAY G
(62) Divisional to Application Number Filing Date	:NA :NA	
(55) 11	11.11.1	

# (57) Abstract:

The present disclosure relates to an eyewear device (100) comprising, in combination, (i) at least one massager (2), (ii) a frame comprising two temple bars (4), and (iii) optionally, at least one adjustable conjunction means (6). The massager (2) is fitted to the temple bars (4) at one or more positions to provide a massaging effect to a user. The present disclosure relates to an eyewear kit.

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

(21) Application No.3859/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DESIGN AND FABRICATION OF BRICKS HANDELING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	23/00, B65D71/02 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)G.H.RAISONI COLLEGE OF ENGINEERING Address of Applicant: CRPF Gate No. 3,Digdoh Hills,Hingna Road,Nagpur Maharashtra-440016 India 2)G.H.R. Labs and Research Centre (72)Name of Inventor:  1)Mohammad Junaid Sheikh 2)Piyush Umraoji Chikhale 3)Dnyanesh Ashok Kanhere 4)Prof. Kishor Rambhad
e e e e e e e e e e e e e e e e e e e	:NA :NA	-,
<ul> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA : NA :NA :NA :NA	<ul> <li>(72)Name of Inventor:</li> <li>1)Mohammad Junaid Sheikh</li> <li>2)Piyush Umraoji Chikhale</li> <li>3)Dnyanesh Ashok Kanhere</li> </ul>

#### (57) Abstract:

The present invention relates to a portable, cost effective, easy to handle, automated brick handling system based on hydraulic principle for the purpose of loading and unloading grids of bricks, sand & other goods such as T.V, Refrigerators, Air conditioners, Washing machine and similar appliances from a truck to the ground level without damage.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CANISTER ARRANGEMENT FOR A MOTORCYCLE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)BAJAJ AUTO LIMITED
(32) Priority Date	:NA	Address of Applicant :AKURDI, PUNE-411035,STATE OF
(33) Name of priority country	:NA	MAHARASHTRA,INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DESHPANDE PRASHANT RAMESH
(87) International Publication No	: NA	2)KIRVE SANDEEP DNYANESHWAR
(61) Patent of Addition to Application Number	:NA	3)SOREGAONKAR BHIMASHANKAR SHIVAJI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

This invention relates to a canister arrangement for a motorcycle particularly locating a canister position for a motorcycle comprising of a frame structure, engine orientation, and layout of other systems of the motorcycle such that the canister is not visible directly and the arrangement of the aesthetic appearance of vehicle is unaffected, adequately protected and located between the head pipe and the fuel tank does not interfere with the rider of the motorcycle.

No. of Pages: 38 No. of Claims: 27

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR CROWD NOISE CLASSIFICATION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:G06F17/00 :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 (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	1)VEMPADA, Ramu Reddy 2)SINHA, Aniruddha 3)SESHADRI, Guruprasad
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

System(s) and method(s) for classifying noise data of human crowd are disclosed. Noise data is captured from one or more sources and features are extracted by using computation techniques. The features comprise spectral domain features and time domain features. Classification models are developed by using each of the spectral domain features and the time domain features. Discriminative information with respect to the noise data is extracted by using the classification models. A performance matrix is computed for each of the classification model. The performance matrix comprises classified noise elements with respect to the noise data. Each classified noise element is associated with a classification performance score with respect to a spectral domain feature, a time domain feature, and fusion of features and scores. The classified noise elements provide the classification of the noise data.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: DATA PARTITIONING IN INTERNET-OF-THINGS (IOT) NETWORK

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04W4/00, H04L29/08 :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 (72)Name of Inventor: 1)PAUL, Himadri Sekhar 2)MUKHERJEE, Arijit 3)DEY, Swarnava 4)PAL, Arpan 5)BANERJEE, Ansuman
--	--	--

#### (57) Abstract:

A method for data partitioning in an internet-of-things (IoT) network (100) is described. The method includes determining number of computing nodes (106) in the IoT network (100) capable of contributing in processing of a data set (136). At least one capacity parameter associated with each computing node (106) in the IoT network (100) and each communication link (108) between a computing node (106) and a data analytics system (102) can be ascertained. The capacity parameter can indicate a computational capacity for each computing node (106) and communication capacity for each communication link (108). An availability status, indicating temporal availability, of each of computing nodes (106) and each communication link (108) is determined. The data set (136) is partitioned into subsets, based on the number of computing nodes (106), the capacity parameter and the availability status associated with each computing node (106) and each communication link (108), for parallel processing of the subsets.

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

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

(43) Publication Date: 31/07/2015

# (54) Title of the invention : GAIT BASED IDENTIFICATION OF INDIVIDUALS USING MULTIPLE SKELETON RECORDING DEVICES

(51) International classification	:G06K9/00, G06K9/62	(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 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BANERJEE, Rohan
Filing Date	:NA	2)SINHA, Aniruddha
(87) International Publication No	: NA	3)CHAKRAVARTY, Kingshuk
(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 a method for monitoring motion skeleton recording devices (104) is described. The method includes detecting, by a processor (110) of a monitoring system (102), at least one human skeleton in a field of view (FOV) of the first skeleton recording device (104). Based on the detection, a message is transmitted to rest of the plurality of skeleton recording devices (104) to switch ON and OFF corresponding infrared (IR) sensors in a round robin manner. The method further includes identifying one or more second skeleton recording device (104) based on a direction of traversal of the at least one human skeleton from the FOV of the first skeleton recording device (104) to a FOV of the one or more second skeleton recording devices (104). Based on the identification, the one or more second skeleton recording devices (104) are notified to activate the corresponding IR sensor.

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

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: INDUSTRIAL / HOME AUTOMATION USING TRANSFORMATION ROBOT

	· A 63 H 3 /0/	(71)Name of Applicant :
(51) International classification	A63H3/46,	1)G.H.RAISONI COLLEGE OF ENGINEERING
	A63H3/36	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(31) Priority Document No	:NA	Road,Nagpur -440016 Maharashtra India
(32) Priority Date	:NA	2)G.H.R. Labs and Research Centre
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Niraj Choudahari
Filing Date	:NA	2)Shruti Sangidwar
(87) International Publication No	: NA	3)Parv Choubey
(61) Patent of Addition to Application Number	:NA	4)Surabhi Mishara
Filing Date	:NA	5)Prof K.K. Jajulwar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Transformation robot platform for design based on Mutual induction of magnetic coupling for perform a particular Task of Different Application Mode. The Application mode is design by using pattern recognition by using distributed systems. The main objective of this proposed project is multi-tasking of individual robot on many platforms. Technology is leading in each working field, but they have individual and accurate robot to perform assigned single task. It<sup>TM</sup>s the latest technology to borrow one of the natural world<sup>TM</sup>s most common, efficient, and ingenious. The preferred invention will have the intelligent for detecting the activities of the environment like, smoke, temperature, LPG, etc. This will also have the features for detecting the PIR based application for motion detection, if user is not present in the room (Applicable for Theft detection). It will also have the facility for detecting the metal for bomb detection with a wireless camera surmounted on the robot for displaying the live detection of the monitoring area. The machine will also have the capacity to lift the load up to 500Kg. User can also drive the robot by sitting in the top of the robot. Following invention is described in detail with the help of Figure 1 of sheet 1 shows schematic view of working principal of transformation robot.

No. of Pages: 12 No. of Claims: 6

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ENERGY GENERATION FROM CEILING FAN A ULTIMATE ENERGY CONSERVATION

(51) International classification	:H01M10/46, F03D11/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G.H.RAISONI COLLEGE OF ENGINEERING Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(32) Priority Date	:NA	Road, Nagpur Maharashtra-440016 India
(33) Name of priority country	:NA	2)G.H.R. Labs and Research Centre
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vinayak Gajananrao Gaikwad
(87) International Publication No	: NA	2)Mr. H.S. Dalvi
(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 cost effective system with the mechanism for the energy conservation and production from the conventional ceiling fans rotational mechanical energy which deals with the reutilization of the mechanical energy produced by the ceiling fan and its conversion into the electrical energy so as to generate the electricity from the rotating fan without disturbing its basic use Following invention is described in detail with the help of Figure 1 of sheet 1 which shows schematic illustration of basic concept of the invention.

No. of Pages: 8 No. of Claims: 3

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF ERTAPENEM AND SALTS THEREOF

(51) International classification :C07D4 (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)Unimark Remedies Ltd. Address of Applicant: Enterprise Center, 1st Floor, Off: Nehru Road, Vile Parle (East), Mumbai- 400099, Maharashtra, India (72)Name of Inventor: 1)PATEL, Trushal J. 2)MATHUKIYA, Hitesh 3)TOMAR, Shilpi 4)BRC, Sekhar Reddy 5)ROY, Rushikesh U 6)SHIRSATH, Krishnarao Tukaram 7)CHAUHAN, Yogendra Kumar
---	--

### (57) Abstract:

The present invention relates to an improved process for the preparation of Ertapenem of formula (I) and its pharmaceutically acceptable salts, or hydrates, or solvates thereof.

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

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DEVICE FOR MOVING A PUNCTURED TWO WHEELED VEHICLE

	:B60C9/18,	(71)Name of Applicant:
(51) International classification	B60C	1)JITENDRA PANDHARINATH KASAR
	23/04	Address of Applicant :C/O YOGESH MEDICALS, MAIN
(31) Priority Document No	:NA	ROAD ERANDOL, TALUKA ERANDOL, DIST. JALGAON,
(32) Priority Date	:NA	425109, MH, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JITENDRA PANDHARINATH KASAR
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:

Punctured tyres can cause a great problem to the rider. Many times, while the rider is in motion on roads or on highways, it is very difficult to find nearby service stations. The rider has to drag the punctured vehicle to long distance before finding a puncture repair shop. Riding the vehicle in such a condition to the nearby service station or puncture repair shop damages the tyre and tube and is tiresome and time consuming. The present subject matter describes a clamping device and a mounting device for moving a punctured two wheeled vehicle.

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

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MINING SHOVEL ROLLER SADDLE BLOCK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:E02F3/28, E02F3/30 :CA 2828010 :19/09/2013 :Canada :NA :NA :NA :NA	(71)Name of Applicant:  1)CALIPER INDUSTRIAL PARTS LTD.  Address of Applicant:807, INDUSTRIAL ROAD NO. 3, CRANBOOK, BRITISH COLUMBIA, CANADA VIC 4E1 Canada  2)VULCAN INDUSTRIAL ENGINEERING COMPANY LTD.  (72)Name of Inventor:  1)HAMBALEK, MICHAEL BRUNO
---	--	---

#### (57) Abstract:

A mining shovel roller saddle block structure has first and second pairs of rollers which roll atop the shovels dipper handles. Shafts mounted within the rollers are rotatably supported by block clamps fastened to shelves fixed atop the shovels saddle blocks. Drop stops fixed to the shelves between the rollers extend over the dipper handles. Cables coupled between the block clamps and the drop stops retain the structure if it is dislodged by a collision with greenhorn protrusions on the dipper handles.

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

(22) Date of filing of Application :23/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: TRAILED AGRICULTURAL IMPLEMENT PUMP WITH HYDRAULIC FLOW RATE CONTROL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F04D13/04 :13/630478 :28/09/2012	,
(33) Name of priority country	:U.S.A.	MOLINE, ILLINOIS, 61265-8098, USA
(86) International Application No	:NA	2)JOHN DEERE FABRIEK HORST B.V
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ENGELBRECHT JOSHUA J
(61) Patent of Addition to Application Number	:NA	2)GARDNER MICHAEL L
Filing Date	:NA	3)HLOBEN PETER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A trailed agricultural implement is disclosed. The trailed agricultural implement includes a hydraulically-driven pump for moving a fluid at an actual fluid rate. An electro-hydraulic valve is configured to regulate an implement hydraulic pressure to the hydraulically-driven pump. The hydraulically-driven pump regulates the actual fluid rate. The electro-hydraulic valve is configured to receive a vehicle hydraulic pressure. The electro-hydraulic valve communicates with a vehicle load sense system. The load sense system senses the implement hydraulic pressure and communicates with a vehicle hydraulic pump. The vehicle hydraulic pump adjusts the vehicle hydraulic pressure to correspond to the implement hydraulic pressure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 12/11/2013 (43) Publication Date: 31/07/2015

(54) Title of the invention: A MODIFIED CART.

(51) International classification	19/00, C12N	(71)Name of Applicant:  1)PATEL MD. HANIF AYYUB  Address of Applicant: OPP. AMAN COTTAGE, PLOT NO.  43, S.NO.12, LAXMI NAGAR, NEAR AASHA COMPLEX,
		KHADKA ROAD, BHUSAWAL, AT. POST. BHUSAWAL, DIST. JALGAON, MAHARASHTRA - 425201, INDIA
(31) Priority Document No	:NA	2)KRISHNA MOHAN SAH
(32) Priority Date	:NA	3)RAMESH THIRUGNANAM
(33) Name of priority country	:NA	4)RAJASURENDRAN SUBBIAH
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATEL MD. USMAN HANIF
(87) International Publication No	: NA	2)GUPTA NIDHI KUMARI
(61) Patent of Addition to Application Number	:NA	3)VIDYA RAMESH
Filing Date	:NA	4)PAVITHRA RAJASURENDRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.3557/MUM/2013 A

#### (57) Abstract:

A modified cart comprises: at least a set of rear wheels and at least a set of front wheels attached with a supporting structure, characterised in that, said supporting structure comprises at least a first pair of ribs extending from underneath a cart top; secured at one end at the undersurface of the cart top and secured at another end at the axle of at least a set of rear wheels of the cart and said supporting structure further comprises at least a second pair of ribs extending underneath a cart top; secured at one end at the undersurface of the cart top and secured at another end at the axle of at least a set of front wheels of the cart; at least a steering mechanism supported by said supporting structure

No. of Pages: 14 No. of Claims: 8

(22) Date of filing of Application :12/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A NOVEL PROCESS FOR PRETREATMENT AND DYEING OF FABRIC

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:D06P5/02, D06P1/44 :NA :NA :NA :NA	(71)Name of Applicant: 1)PILLAI, Ajay Kumar Address of Applicant: G-01, B WING, SHIVASAGAR C H S, PUNJABI COLONY ROAD, ULHASNAGAR-3, PIN 421003, DIST.: THANE, MAHARASHTRA. INDIA (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)PILLAI, Ajay Kumar
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Process and Enzyme composition for pre-treatment and dyeing of fabric, wherein the process comprises the steps of contacting a fabric with an enzyme composition; treating the fabric with the enzyme composition at approximately 30 to 70 degree centigrade, and at approximately pH 5.0 to 9.0 for approximately 5 to 30 minutes; optionally, washing the fabric with water subsequent to the treating; and dyeing the fabric with at least one dye; wherein the pretreated fabric is not required to be neutralized after treatment with the enzyme composition.

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

(21) Application No.3895/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A PROCESS FOR THE PREPARATION OF 6-FLUORO-2-(OXIRAN-2-YL)-3,4-DIHYDRO-2H-CHROMENE

	:C07D311/58,	(71)Name of Applicant:
(51) International classification	C07D407/04	1)Cadila Pharmaceuticals Ltd
(31) Priority Document No	:NA	Address of Applicant :Cadila Pharmaceuticals Ltd., Cadila
(32) Priority Date	:NA	Corporate Campus • , Sarkhej Dholka Road, Bhat, Ahmedabad
(33) Name of priority country	:NA	382210 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ISMAILI Amin Nasiruddin
(87) International Publication No	: NA	2)MODI Rajiv Indravadan
(61) Patent of Addition to Application Number	:NA	3)MANSURI Javedhusen Karimbhai
Filing Date	:NA	4)PANDIT Unnat Priyavadan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention provides an improved process for the preparation of 6-fluoro-2-(oxiran-2-yl)-3,4-dihydro-2H-chromene having structural Formula-1 in desired diastereomeric mixture devoid of impurities.

No. of Pages: 9 No. of Claims: 5

(22) Date of filing of Application :14/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A SPUR GEAR BASED DRIVE MECHANISM FOR SPRING LOADED CIRCUIT BREAKERS.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01H51/00, H01H9/30, H01H5/06, H01H1/ :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)CROMPTON GREAVES LIMITED  Address of Applicant: CROMPTON GREAVES LIMITED, CG HOUSE, DR. ANNIE BESANT ROAD, WORLI, MUMBAI  - 400030, MAHARASHTRA, INDIA (72)Name of Inventor: 1)TELI KUNAL 2)ROY DEOSHARAN 3)ISAI SAGAR 4)GUPTA VIJENDRA
---	--	---

#### (57) Abstract:

A spur gear based drive mechanism for spring loaded circuit breakers, said mechanism comprises: at least a spur gear adapted to be coupled with a closing spring; at least a spring crank adapted to be co-axially coupled to said spur gear with at least a spline shaft, said spring crank advantageously coupled with a closing spring adapted to facilitate said closing springs charging; at least a charging crank adapted to be advantageously coupled, and co-axially aligned, to said spring crank by said spline shaft; at least a spring loaded protrusion adapted to be located on said charging spur gear, said protrusion being a block with a first operative slope on operative top of the block in a first direction, and further with a second operative slope on operative top of said block in a second direction, said first slope and said second slope, sloping away from each other; and at least a latch plate adapted to push in said spring loaded protrusion while said closing spring is being charged.

No. of Pages: 29 No. of Claims: 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3583/MUM/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 31/07/2015

# (54) Title of the invention: PHARMACEUTICAL COMPOSITIONS

(51) International classification	A61P11/00, A61P11/06, A61K	(71)Name of Applicant: 1)CIPLA LIMITED. Address of Applicant:CIPLA HOUSE, PENINSULA BUSINESS PARK, GANPATRAO KADAM MARG, LOWER
(31) Priority Document No	:NA	PAREL, MUMBAI - 400 013, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MALHOTRA, GEENA
(86) International Application No	:NA	2)RAUT, PREETI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates to pharmaceutical compositions comprising an anthelmintic agent. Specifically, the invention relates to a pharmaceutical composition comprising praziquantel or R- praziquantel in nanosized particles and one or more pharmaceutically acceptable excipients. The invention also relates to a process of preparing a pharmaceutical composition comprising praziquantel or R-praziquantel in nanosized particles and one or more pharmaceutically acceptable excipients; and its use in the treatment of anthelmintic infections.

No. of Pages: 52 No. of Claims: 26

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: METHOD FOR PREVENTING CORROSION IN A CRUDE DISTILLATION UNIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:C10G7/00, C10G7/10 :NA :NA :NA	(71)Name of Applicant:  1)RELIANCE INDUSTRIES LIMITED  Address of Applicant: 3RD FLOOR, MAKER CHAMBER - IV 222, NARIMAN POINT, MUMBAI - 400021  MAHARASHTRA, INDIA.  (72)Name of Inventor:
Filing Date  (87) International Publication No  (61) Patent of Addition to Application Number  Filing Date  (62) Divisional to Application Number  Filing Date	:NA :NA :NA :NA :NA :NA	1)NAGARATHINAM SHENBAGA MURTHY 2)TALATI MAYUR NAVINCHANDRA 3)JHA ABHISHEK 4)SHAH PARAS NAVINBHAI 5)GUPTA YASH

#### (57) Abstract:

A system and method for treatment of crude hydrocarbon vapours generated from a pre-flash drum, prior to sending these vapours to a distillation column, is disclosed. The crude hydrocarbon vapours are cooled and condensed in a condenser unit, and the immiscible phases are separated in a separator unit into an aqueous phase, a liquid hydrocarbon phase, and a light hydrocarbon containing vapour phase. The light hydrocarbon containing vapour phase and the immiscible liquid hydrocarbon phase are conveyed to the distillation column, whereas the immiscible phase may be further treated to remove dispersed water droplets. Water and salts are removed from the vapours which reduces the water dew point as well as NH4Cl de-sublimation temperature at the column overheads. The system and method thereof reduce corrosion problem in the distillation column and simultaneously provide favorable product slate from the given crude blend.

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

(22) Date of filing of Application :18/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR IDENTIFYING A HAIRSTYLE OF A PERSON

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:G06K9/00, G09B19/00 :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 400021, Maharashtra, India (72)Name of Inventor: 1)SHARMA, Monika 2)GHOSH, Hiranmay 3)HASSAN, Ehtesham 4)NAGAR, Rajendra 5)DASS, Jyotikrishna
(62) Divisional to Application Number Filing Date	:NA :NA :NA	5)DASS, Jyoukrisinia

#### (57) Abstract:

Disclosed is a system and method for identifying a hairstyle of a person. The system and method may enable determining and identifying hairstyles in a collection of colored face images. The system and method may enable utilizing agglomerative clustering for the determination and the identification of the hairstyles. The system and method may enable determining of hair, background and face-skin probability-masks for each hairstyle. The system and method may further enable identifying the hairstyle using probability-masks based density estimates.

No. of Pages: 30 No. of Claims: 18

(22) Date of filing of Application: 18/11/2013 (43) Publication Date: 31/07/2015

# (54) Title of the invention: A BLOCKING UNIT ASSEMBLY FOR RIM LOCK

	:E05B13/10, E05B65/06,	(71)Name of Applicant: 1)GODREJ & BOYCE MFG. CO. LTD.
(51) International classification	E05B17/20,	· /
	E05B	PIROJSHANAGAR, VIKHROLI, MUMBAI - 400 079
(31) Priority Document No	:NA	MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)THOTTUVAI SIVASUBRAMANI MURALI
(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 a blocking unit mechanism for rim lock comprising: an electronic locking device (100) adapted to control locking and unlocking of the lock on basis of electronic credentials, the electronic locking device (100) fitted inside a latch, the electronic locking device (100) comprises input means to input the electronic credentials and motor assembly having plunger (100a); an operating bolt (101); a locking bolt (3) being controlled by the electronic locking device (100), the locking bolt (3) comprises a cutout (3c) to accommodate the plunger (100a); an inside opening lever (5); a lever pin (6) adapted to apply force such that the inside opening lever (5) can move; a housing (1) to accommodate the electronic locking device (100), locking bolt (3), inside opening lever (5) and lever pin (6); and a cover (2) being fixed on the housing (1) to cover the housing (1), wherein the electronic locking device (100), based on the electronic credentials, adapted to control the vertical movement of the locking bolt (3) and thereby to control the operating bolt (101) which locks or unlocks the door.

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

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PHARMACEUTICAL COMPOSITION OF PEMETREXED FOR READY TO USE

	:A61K9/08,	(71)Name of Applicant:
(51) International classification	A61K31/519,	1 /
	A61K9/00	Address of Applicant :505 SAFAL PRELUDE, OPP.
(31) Priority Document No	:NA	PRAHALADNAGAR AUDA GARDEN, SATELITE,
(32) Priority Date	:NA	AHMEDABAD - 15, GUJARAT, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JAYANTA KUMAR MANDAL
Filing Date	:NA	2)SANDIP PARESHBHAI MEHTA
(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 pharmaceutical composition comprising pemetrexed, a ready to use injection comprising pemetrexed. Liquid composition of pemetrexed comprises head space oxygen less than 5%, dissolved oxygen less than 2ppm and individual impurity level less than 0.2%.

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

(22) Date of filing of Application: 19/12/2013 (43) Publication Date: 31/07/2015

# (54) Title of the invention: FABRICATION OF BIODEGRADABLE VAGINAL RING FOR COMBINE CONTRACEPTIVE THERAPY OF ETHINYL ESTRADIOL AND LEVONORGESTEREL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	31/282 :NA :NA	(71)Name of Applicant:  1)PARUL AROGYA SEVAMANDAL, Address of Applicant: P.O. LIMDA, TA. WAGHODIA 391760, DIST. VADODARA, GUJARAT, INDIA (72)Name of Inventor: 1)DR. DEEPA HARESHKUMAR PATEL
Filing Date (87) International Publication No.	:NA	2)MR. RAJESHKUMAR RAMJIBHAI NAKRANI
(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:

The aim of the present investigation was to fabricate and evaluate biodegradable vaginal ring for contraceptive therapy of ethinyl estradiol (EE) and levonorgesrel (LNG). Biodegradable intravaginal rings for contraceptive drug delivery present the potential of an easily adhered to women controlled and environment friendly method for contraception and hormone replacement. Fourier transform infrared spectroscopy (FTIR) had employed to study drug-drug and drugs-excipients incompatibility. Analytical method was developed by UV spectrophotometer using Q-Absorbance method. Vaginal ring of EE and LNG was successfully prepared with EE, LNG, polyurethane and polyethylene glycol by injection molding method and evaluated for tensile strength, percent elongation, percent compression, drug content, in-vitro drug release study, sterility testing and stability study. Optimization of process parameter was done by 3 factorial design using Design Expert software. Drug and excipients were found to be compatible to each other which were confirmed by FTIR study. Differential Scanning Calorimetry (DSC) study indicated that both drugs were found to be stable at 120 °C. Tensile strength, percent elongation and percent compression were found to be show good mechanical property of vaginal ring. In-vitro drug release of EE and LNG were found to be good for optimized batch up to 21 days. Sterility test suggested that the developed vaginal ring shows no microbial growth. Stability study shows vaginal ring containing EE and LNG were stable at accelerated condition. The present study demonstrated that, a vaginal ring is suitable for contraception and hold great potential for hormone replacement therapy. Keywords: Ethinyl Estradiol; Levonorgestrel; Contraception; Vaginal Ring; Controlled Release; 3 Factorial Design; Injection Molding.

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

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SHOCK ABSORBER WITH A GAS CANISTER

		(71)Name of Applicant:
(51) International classification	F16F9/36,	1)ENDURANCE TECHNOLOGIES PRIVATE LIMITED
	F16F9/06	Address of Applicant :E-93, M.I.D.C. INDUSTRIAL AREA,
(31) Priority Document No	:NA	WALUJ, AURANGABAD - 431136, MAHARASHTRA India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)RAHUL ANIL TRIBHUWAN
(86) International Application No	:NA	2)SOMALINGAYYA HIREMATH
Filing Date	:NA	3)PRAMOD DIGAMBARRAO KULKARNI
(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 canister is of split design with at least two parts. One of said part is made of metal, preferably aluminium which provides a leak proof joint with the hydraulic reservoir assembly of the damper. Additionally said part also acts as a shock absorber mounting link on the vehicle. The other part of the canister is made of non-metal preferably plastic or synthetic resin or any composite material that houses the gas cap or said diaphragm.

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

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PROCESS FOR PREPARATION OF ZUCAPSAICIN.

(51) International classification	:A61P25/04, A61P1/12, A61K31/485, C07D	(71)Name of Applicant:  1)AJANTA PHARMA LTD.  Address of Applicant: AJANTA PHARMA LIMITED 98,  AJANTA HOUSE, CHARKOP, KANDIVALI (W) MUMBAI -
(31) Priority Document No	:NA	400067, STATE OF MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SINGH SHAILESH
(86) International Application No	:NA	2)SUTHAR BHARAT
Filing Date	:NA	3)JAIN ASHISH
(87) International Publication No	: NA	4)GAIKWAD VINOD
(61) Patent of Addition to Application Number	:NA	5)DHERE VIKRAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates to an improved, commercially viable and industrially advantageous process for the preparation of zucapsaicin using ethyl (6Z)-8-methylnon-6-enoyl carbonate.

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

(22) Date of filing of Application :20/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention: PHARMACEUTICAL COMPOSITION OF STABLE AMORPHOUS FORM OF AGOMELATINE

A61K47/32, A61K47/30,	· ·
:NA	(72)Name of Inventor:
:NA	1)Khapra Pankajkumar Maneklal
:NA	2)Bhadra Dipankar DasuRanjan
:NA	3)Thakkar Hitesh Vaikunthbhai
:NA	4)Lalani Rohan Aminbhai
: NA	
:NA	
:NA	
:NA	
:NA	
	A61K47/32, A61K47/30, A61P :NA :NA :NA :NA :NA :NA :NA :NA

# (57) Abstract:

The present invention relates pharmaceutical composition comprising stable amorphous form of Agomelatine for oral administration having improved in dissolution profile and process for preparing stable amorphous form of agomelatine which is stable under accelerated condition.

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

(22) Date of filing of Application :21/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : LOW CARBON HIGH STRENGTH HOT ROLLED DUAL PHASE STEEL SHEETS AND A PROCESS FOR ITS PRODUCTION

	:C22C38/48,	(71)Name of Applicant:
(51) International classification	C21D8/02,	1)JSW STEEL LIMITED
	C22C38/46	Address of Applicant :Dolvi Works, Geetapuram, Dolvi,
(31) Priority Document No	:NA	Taluka Pen, Dist. Raigad, Maharashtra, PIN 402107, India;
(32) Priority Date	:NA	Having the Registered Office at JSW CENTRE, BANDRA
(33) Name of priority country	:NA	KURLA COMPLEX, BANDRA(EAST), MUMBAI-400051,
(86) International Application No	:NA	STATE OF MAHARASHTRA,INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH, Binod Kumar
(61) Patent of Addition to Application Number	:NA	2)PATRA, Pradip Kumar
Filing Date	:NA	3)SAM, Srimanta
(62) Divisional to Application Number	:NA	4)SINGHAI, Mrigandra
Filing Date	:NA	5)KANT, Neel

#### (57) Abstract:

The present invention relates to providing hot rolled dual phase steel sheet having tensile strength minimum 780 MPa with hole expansion ratio of more than 70% through thin slab caster processing route produced by controlled thermo mechanical hot rolling only and without any further heat treatment. The invented steel grade is having a selective cost effective composition comprising low carbon along with Mn, Cr, Si and Boron as strengthening elements. The steel sheets produced through controlled hot rolling and subsequent controlled two stage ultrafast cooling result in a microstructure comprising a combination of ferrite (50-70) % and Martensite + Bainite(30-50)% ensure achieving the desired strength properties. Typical applications of this steel are in automotive structural and wheel rim and disk application and any other application aimed at weight reduction of existing component by replacement of existing low strength higher thickness steel grades with this newly invented high strength steel sheets of lower thickness.

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

(22) Date of filing of Application :21/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CENTRIFUGAL CLUTCH WITH DIRECT DRIVE SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:F16D48/06, F16H61/10 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Kakade Pratik Babasaheb Address of Applicant:Sahakar Bank Colony, Dharangaon Road, Kopargaon (423601) Maharashtra India (72)Name of Inventor:  1)Kakade Pratik Babasaheb
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Working of the centrifugal clutch depends on the frictional force acting between the shoes and the casing. Also the centrifugal force has to overcome the tension of the spring. Hence all the torque and power generated by the engine is not transmitted to the output shaft thus leading to losses. The above system aims to minimize the losses due to friction while transmission. As we know that there is always slip present in between the shoes and the casing making 100% transmission impossible. With the help of this system the slip present in centrifugal clutch is eliminated. Also it aims to facilitate direct drive at higher speeds. The presence of centrifugal clutch in the vehicle leads to the lesser mileage than that of the vehicle having single plate clutch. Thus this system not only makes the transmission more efficient but also raises the fuel economy of the vehicle making it eligible to compete with single plate clutch vehicles. Following invention is described in detail with the help of figure 1 of Sheet 1 showing centrifugal clutch with direct drive system.

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

(22) Date of filing of Application :24/07/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PHOTOELECTRIC DEVICE MODULE AND MANUFACTURING METHOD THEREOF

		(71)Name of Applicant:
(51) International classification	:H01L31/05	1)SAMSUNG, SDI CO., LTD.
(31) Priority Document No	:61/699,685	Address of Applicant :428-5, Gongse-dong, Giheung-gu,
(32) Priority Date	:11/09/2012	Yongin-si, Gyeonggi-do, Republic of Korea
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)YANG, Jung-Yup
Filing Date	:NA	2)AHN, Young-Kyoung
(87) International Publication No	: NA	3)KIM, Min-Gu
(61) Patent of Addition to Application Number	:NA	4)LEE, Jun-Young
Filing Date	:NA	5)PARK, Min
(62) Divisional to Application Number	:NA	6)HUH, Pil-Ho
Filing Date	:NA	7)KANG, Yeon-II
		8)CHO, Hyun-Young

#### (57) Abstract:

A solar cell module according to the present invention includes photoelectric converting cells, interconnect wiring, and a bus bar, wherein the interconnect wiring is attached by a conductive adhesive layer, and the bus bar is attached by an insulating adhesive layer. A method for manufacturing the solar cell module includes attaching the interconnect wiring and the bus bar by the conductive adhesive layer and the insulating adhesive layer, and according to the method, a solar cell module with excellent characteristics can be manufactured through a simple and inexpensive method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3133/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :03/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CONNECTED DEVICES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:13/668,078 :02/11/2012 :U.S.A. :NA :NA	
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	
Filing Date	:NA :NA	

### (57) Abstract:

A server for connecting devices is disclosed, comprising: a network interface to enable connections of a plurality of devices with the server and one or more execution environments, each execution environment representing one of the plurality of devices, each execution environment running an operating system of the respective device and exposing an interface specifying capabilities of the device, wherein the one or more execution environments are persistently maintained by the server. Furthermore, a terminal device and a method for connecting devices via an online service are described.

No. of Pages: 33 No. of Claims: 22

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HIGH DRUG LOAD PHARMACEUTICAL COMPOSITIONS OF LINEZOLID

(51) International classification	A61K9/2027, A61K9/5047, A6	Address of Applicant :105/108, REWA CHAMBERS, 1ST FL, 31, NEW MARINE LINES, MUMBAI 400020,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MR. DOSHI MANISH UMED
(86) International Application No	:NA	2)MR. GHOSH ARUNAVA ANIL
Filing Date	:NA	3)MR. MATE SIDDHARTH RAMDAS
(87) International Publication No	: NA	4)MR. RAJESH SINGH R SINGH PATEL
(61) Patent of Addition to Application Number	:NA	5)MR. PRIYARANJAN MOHAPATRO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to high drug content pharmaceutical composition comprising linezolid crystalline Form-I with one or more pharmaceutically acceptable excipients.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MANUAL SYNCHRONIZED GEAR SHIFT ASSIST

(51) International classification	:F16H59/10	(71)Name of Applicant:
(31) Priority Document No	:13/719,413	1)DEERE & COMPANY
(32) Priority Date	:19/12/2012	Address of Applicant :ONE JOHN DEERE PLACE,
(33) Name of priority country	:U.S.A.	MOLINE, ILLINOIS, 61265-8098, USA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)WETRICH PETER
(87) International Publication No	: NA	2)HERMAN MARK A
(61) Patent of Addition to Application Number	:NA	3)GALLEN JOHN J
Filing Date	:NA	4)TIESZEN MARK J
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present disclosure provides a gear shift assembly for shifting a transmission between a plurality of ranges. The assembly includes a user input adapted to be moved to induce a shift between two of the plurality of ranges and a shaft coupled to the user input. A movement of the user input induces a first movement of the shaft. The gear shift assembly also includes a first range member movably coupled to the shaft, where the first range member moves concomitantly with the shaft. A second range member is coupled to the shaft. The second range member also moves concomitantly with the shaft. The assembly further includes a control valve disposed in fluid communication with the second range member. The control valve is operably controlled in response to movement of the user input to direct fluid to the second range member to induce a second movement of the shaft.

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

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR RESET DETECTION TO PREVENT RELAYS IN VEHICLE FROM WELDING OR CHATTERING

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:F02D41/00,B62D5/04, H02P29/02 :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 (72)Name of Inventor:
(86) International Application No	:NA	1)VISHWAS M. VAIDYA
Filing Date	:NA	2)VRISHALI V. NAWLE
(87) International Publication No	: NA	3)SOURAV SHAH
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present disclosure relate to method and system for reset detection to prevent relays from welding or chattering in a vehicle. The method comprises detecting a normal ignition OFF state of the vehicle by a control unit and differentiating from the reset condition of the control unit due to very low battery voltage. A reset occurs when the battery voltage is below a certain value and continuous reset of the control unit leads to chattering of the relay. A reset operation is detected by checking the value a register, which is stored during the power down routine performed during ignition off. Number of times the reset operation performed on the control unit is obtained from the reset counter. Finally, one or more components are powered OFF for a predetermined amount of time when number of times the reset operation is equal to or more than the pre-set value.

No. of Pages: 21 No. of Claims: 11

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HEAT MANAGEMENT SYSTEM FOR AN AUTOMOTIVE VEHICLE

(51) International classification	:F01P3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BAJAJ AUTO LIMITED
(32) Priority Date	:NA	Address of Applicant : AKURDI, PUNE - 411035, STATE OF
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JOSEPH ABRAHAM
(87) International Publication No	: NA	2)FUNK, ANDREAS TAALKO, FRIEDRICH
(61) Patent of Addition to Application Number	:NA	3)BHAGWAT VISHWANATH RAMCHANDRA
Filing Date	:NA	4)WAKANKAR ABHAY MADHUKAR
(62) Divisional to Application Number	:NA	5)ARIMBOOR KURIYAN
Filing Date	:NA	6)NALE MAHESH BHANUDAS

### (57) Abstract:

This invention relates to a heat or thermal management system for an automotive vehicle, particularly a vehicle with compact layout comprising of a duct means and enclosure means for directing heated air flow away from engine and exhaust system this thermal management system is designed to also act as a heat shield preventing, or at least reducing, heat transfer from engine and exhaust system into the engine compartment and is such that heat shielding should remain effective when the engine and vehicle has stopped running by which the system prevents the spread of hot air within the engine compartment.

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

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A MODIFIED FAUJASITE ZEOLITE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:C07C2/86, C07C1/00, C07C15/02, C07C15	(71)Name of Applicant:  1)RELIANCE INDUSTRIES LIMITED  Address of Applicant: 3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SUMEET KUMAR SHARMA
(86) International Application No Filing Date	:NA :NA	2)ANILKUMAR, METTU 3)SHARMA NAGESH
(87) International Publication No	: NA	4)JASRA, RAKSH VIR
(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 modified faujasite zeolite comprising at least one zeolite exchanged with at least two alkali metals, wherein, the molar ratio of silica to alumina present in the modified faujasite zeolite ranges between 1:1 and 1:15, the amount of sodium in the modified zeolite is in the range of 3 to 10 wt%, the particle size of said modified faujasite zeolite ranges between 20 and 200 micron, and the sum total of at least two alkali metals in said modified faujasite zeolite is in the range of 0.1 to 97 wt%. The present disclosure also relates to a process for preparing the modified faujasite zeolite and the process for alkylating the alkyl group of the aromatic hydrocarbon using the modified faujasite zeolite.

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

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A MOUNT FOR ELECTRICAL EQUIPMENT

(51) International classification (31) Priority Document No	:GB 1221593.5	(71)Name of Applicant:  1)CONTROL TECHNIQUES LTD  Address of Applicant: THE GRO, POOL ROAD,
(32) Priority Date		NEWTOWN, POWYS, SY16 3BE, UK
(33) Name of priority country (86) International Application No	:U.K. :NA	(72)Name of Inventor : 1)CACHIA CHARLES ANTHONY
Filing Date	:NA	1)CACHIA CHARLES ANTHONI
(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 mount for supporting a housing of electrical equipment comprises a rectangular frame and a floating strut which rests on the frame to sub-divide the aperture into smaller spaces each for a housing. The frame of the strut engages a gasket on the housing to seal each side of the frame from the other. Multiple housings can be installed in the same frame and the strut and gaskets provide sealing between in the inside and the outside of the frame.

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

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: REAR WHEEL CHAIN TENSION ADJUSTMENT MECHANISM FOR VEHICLES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	B62M9/16 :NA :NA :NA :NA	Address of Applicant :D-1 BLOCK, PLOT NO.18/2, CHINCHWAD, PUNE - 411 019 MAHARASHTRA, INDIA (72)Name of Inventor: 1)VENKATRAMAN YOGARAJA
Filing Date (87) International Publication No	:NA : NA	2)VARLAKATI SAI SANDEEP 3)PANDEY SANTOSH 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 tension adjustment for a flexible power transmission element of a flexible drive power transmission mechanism for a vehicle is disclosed and includes a driven wheel, a driven pulley, a swing arm, an eccentric adjuster and a tension adjusting tool. The driven wheel has a central opening and an off-centre. The swing arm includes a cavity in which eccentric adjuster oscillates. The eccentric adjuster has a lug that has the axis in line with the axis of the off-centre opening. The detachably tension adjusting tool has a handle with a first element and a second element, wherein in an operative rotary configuration of the handle, the handle facilitates rotation of the eccentric adjuster through the lug enabling positional movement of the driven pulley thereby varying the distance between the driven pulley and a driving pulley for enabling tension adjustment of the flexible power transmission element.

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

(22) Date of filing of Application :30/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PHARMACEUTICAL FORMULATION OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS FOR OPHTHALMIC DRUG DELIVERY

(51) International classification	:A61K31/573, A61K38/27, A61K45/06	(71)Name of Applicant:  1)Charotar University of Science & Technology Address of Applicant: CHARUSAT campus Changa Anand-
(31) Priority Document No	:NA	388421 Gujarat, India.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Shah Payal Bhupendrabhai
(86) International Application No	:NA	2)Kotak Darsheen Jitendrabhai
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA	

### (57) Abstract:

Pharmaceutical Formulation of Non-steroidal anti-inflammatory drug for Ophthalmic Drug Delivery • The present invention relates to a pharmaceutical formulation of non-steroidal anti-inflammatory drug for ophthalmic drug delivery. It particularly relates to a phase inversion zone with the formation of liquid crystals from the microemulsion for the treatment of macular edema. The pharmaceutical formulation comprises Bromfenac Sodium, water, oil, surfactants and co-surfactants. The formulation provides better retention, increase viscosity; reduce lacrimal drainage and also targeting the posterior segment of eye.

No. of Pages: 30 No. of Claims: 6

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF TICAGRELOR

(51) International classification	:C07D487/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ALEMBIC PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant : Alembic Research Centre, Alembic
(33) Name of priority country	:NA	Pharmaceuticals Limited, Alembic Road, Vadodara-390 003.
(86) International Application No	:NA	Gujarat, India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAVAL, Prashant
(61) Patent of Addition to Application Number	:NA	2)SHAH, Bhavik
Filing Date	:NA	3)KONDEPATI, Venkata Ramana
(62) Divisional to Application Number	:NA	4)JAYARAMAN, Venkat Raman
Filing Date	:NA	

<sup>(57)</sup> Abstract:

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

The present invention relates to an improved process for the preparation of Ticagrelor.

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: NOVEL CRYSTALLINE FORM A OF VARDENAFIL BASE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:A61K31/53, C07D487/04 :NA :NA :NA	(71)Name of Applicant:  1)ALEMBIC PHARMACEUTICALS LIMITED  Address of Applicant: Alembic Research Centre, Alembic Pharmaceuticals Limited, Alembic Road, Vadodara-390 003.  Gujarat, India.  (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)JAYARAMAN, Venkat Raman 2)PANCHASARA, Dinesh 3)PRAJAPATI, Bhavesh 4)SHAH, Pushpak 5)SHAH, Ankit

<sup>(57)</sup> Abstract:

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

The present invention relates to novel crystalline form A of Vardenafil base of formula (II) and the process for its preparation.

(21) Application No.3851/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ROOM TEMPERATURE STABILIZATION OF LACTOBACILLUS CASEI BY FOAM FORMATION

	:A61K	(71)Name of Applicant:
(51) International classification	35/74,	1)PRAVIN SUNIL WALEKAR,
	C12P	Address of Applicant :FLAT NO.8, SUBHADRA GHATAGE
(31) Priority Document No	:NA	COLONY, KADAMWADI ROAD, KOLHAPUR 416 003
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PRAVIN SUNIL WALEKAR,
Filing Date	:NA	2)ASHOK ANANDA HAJARE
(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 relates to the room temperature stabilization of the probiotic species L. casei through vitrification of dehydrated sugar systems in the presence of phosphate salts and polymer. The VFD L. casei being a probiotic bacterium is having many therapeutic effects along with the health benefits that it reduces antibiotic associated diarrhea, inhibits enteropathogens (E. coli, S. aureus) and reduces lactose intolerance.

No. of Pages: 37 No. of Claims: 12

(22) Date of filing of Application :13/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : NANODRUG DELIVERY BASED ON COMBINATION THERAPY FOR TREATING PARASITE INFECTIONS

	:A61K9/16,	(71)Name of Applicant:
(51) International classification	A61K47/48,	-/ , , , ,
(31) memational classification	A61K47/30,	Address of Applicant :DEPARTMENT
	A61P3	PHARMACEUTICAL SCIENCES AND TECHNOLOGY,
(31) Priority Document No	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED
(32) Priority Date	:NA	UNIVERSITY), NATHALAL PAREKH MARG, MATUNGA
(33) Name of priority country	:NA	(EAST) MUMBAI 400 019, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PATRAVALE; VANDANA BHARAT
(87) International Publication No	: NA	2)JAIN; SONIYA ANKITKUMAR
(61) Patent of Addition to Application Number	:NA	3)JOSHI; MEDHA
Filing Date	:NA	4)PRABHU; PRIYANKA SURESH
(62) Divisional to Application Number	:NA	5)SHARMA; SHOBHONA
Filing Date	:NA	6)PATHAK; SULABHA

### (57) Abstract:

The present invention relates to novel nanodrug delivery system, with the targeted approaches for treating infectious diseases using combination of more than one pharmaceutical active ingredients formulated as single unit dosage form. The invention further relates to combining actives with potent activity, completely vivid host target sites and distinct kinetic profiles with the aim of improving delivery of these pharmaceutical active ingredients. More particularly the developed novel nanodrug delivery system involves engineered nanostructured carriers of lipophilic active drugs like antimalarial agent along with a hydrophilic class of antibiotics. The invention thus relates to development of nano coformulation preconcentrate based on combination therapy for treating infections ranging from uncomplicated as well as severe malaria to cerebral malaria.

No. of Pages: 29 No. of Claims: 18

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A NASAL SPLINT AND A METHOD OF FIXING THE NASAL SPLINT IN A NOSE

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant:  1)Dr. Joshi Sujai Jaiprakash
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :Eisha ENT Surgical Hospital, Station Road, Anand - 388001 Gujarat- India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)Dr. Joshi Sujai Jaiprakash
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

### (57) Abstract:

The invention provides a nasal splint and a method of fixing the nasal splint in a nose. The nasal splint includes an intranasal splint and an extra nasal splint. The intra nasal splint includes two separate pieces, wherein each piece right angled triangle in shape with angles curved smoothly. A suture is tied to intranasal splint passes through the intranasal splint. The suture includes a cutting needle attached to the other end of the suture. The extra nasal splint includes a superior edge smaller than a lower edge. Further, the extra nasal splint also includes a notch on both left and right sides of the extra nasal splint and there are small holes above the notch. The intranasal splint and extra nasal splint is fixed such that a midline upward stretch is applied on a nasal dorsum to keep fragments the nasal dorsum at a fixed state.

No. of Pages: 21 No. of Claims: 6

(21) Application No.3907/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A COMPUTER IMPLEMENTED METHOD AND SYSTEM TO IDENTIFY LEADERS IN VARIOUS WORKGROUPS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:G06Q10/06, G06F17/30 :NA	(71)Name of Applicant:  1)TATA CONSULTANCY SERVICES LIMITED  Address of Applicant: NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KOVILPATTII, SUCEENDRAN MANOHARAN.
(87) International Publication No	: NA	2)RAMACHANDRAN, SARAVANAN
(61) Patent of Addition to Application Number	:NA	3)CHITTIBABU, SANTHA LAKSHMI
Filing Date	:NA	4)KUMAR, DHILIP
(62) Divisional to Application Number	:NA	5)KARUNAKARAN, PRATHAP
Filing Date	:NA	

### (57) Abstract:

A computer implemented system and method for identifying leaders in an organization. The system includes two repositories; first that stores information related to existing/known leaders and second that stores tacit and explicit knowledge related to the employees. The repositories store relevant attributes and attribute values of employees and known leaders according to their ranking in their field of activity, to form a digital persona. The digital persona of known leaders is then compared with the digital persona of an employee suitable for the leadership to form a leadership score. A leader is then chosen based on the leadership ranking which is based on leadership score. Thus, the employees, based on circumstances, may get more opportunities to prove their leadership abilities as the leadership ranking changes periodically.

No. of Pages: 27 No. of Claims: 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3945/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN IMPROVED FLUSH SYSTEM AND URINAL INCORPORATING THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	E03D5/10 :NA	(71)Name of Applicant:  1)Sara Plast Pvt Ltd  Address of Applicant: 203 Rujuta Complex, Nachiket Park, Baner Road, Baner, Pune 411045, Maharashtra, India (72)Name of Inventor:  1)Rajeev Kher
Filing Date	:NA	

### (57) Abstract:

A portable urinal is disclosed herein identified by integration of various innovative features including means for minimizing water consumption for flushing and maintenance of odor-free, hygienic conditions for long periods of time

No. of Pages: 8 No. of Claims: 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3865/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 31/07/2015

(54) Title of the invention: ROLLER FRAME

(51) International classification	:B29D7/01,	(71)Name of Applicant :
(31) International classification	B29C47/34	1)Reifenhuser GmbH & Co. KG Maschinenfabrik
(31) Priority Document No	:12199014.7	Address of Applicant :Spicher Str. 46, 53844 Troisdorf,
(32) Priority Date	:21/12/2012	Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:NA	1)MEYER, Helmut
Filing Date	:NA	2)B–HM Andreas
(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 roller frame including at least two rollers mounted in a housing between which a nip can be formed; the ends of the rollers are supported in rotary fashion in bearings and at least one of the rollers is embodied as an advancing roller and has an adjusting system by means of which it is possible to move the bearings of the advancing roller, thus changing the nip; the adjusting system has a rack and a pinion whose teeth engage with those of the rack and can be driven to rotate by a motor; it is possible to change the distance between the pinion and the rack by changing the tooth engagement depth between them.

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

(22) Date of filing of Application :11/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AUTOMATIC AGRICULTURAL CHEMICAL SPRAYER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:A01C23/00, A01M7/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)RAJARAMBAPU INSTITUTE OF TECHNOLOGY Address of Applicant:RAJARAMNAGAR, ISLAMPUR, DISTT. SANGLI, 415414,MAHARASHTRA, INDIA (72)Name of Inventor: 1)AWATI JAYASHREE SUDHIR
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A spraying system includes a vehicle, a tank, a pump, at least one sprinkler, at least one sensors and a control unit. The tank is mounted on chassis of the vehicle and hold fluid to be sprayed. The pump pressurizes the fluid held inside the tank. The sprinkler is disposed on the tank and in fluid communication with interior of the tank. The at least one sprinkler adjustably sprays fluid at different heights. The least one sensors are configured on the vehicle and detects parameters associated with the vehicle, the tank, the pump, the sprinkler and other external conditions. The control unit is functionally coupled to various elements of the spraying system and the sensors and interacts with a remote control via a wireless communication network for facilitating remotely controlling movement of the vehicle and operation of the pump and the least one sprinkler.

No. of Pages: 12 No. of Claims: 11

(22) Date of filing of Application :19/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : AN APPARATUS AND PROCESS TO ANALYZE AND CHARACTERIZE SPALLING DUE TO THERMO-MECHANICAL FAILURE OF COAL DURING UNDERGROUND COAL GASIFICATION

(51) International classification	7/00, E21B	(71)Name of Applicant:  1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant:POWAI, MUMBAI 400076, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	2)OIL GAS AND NATURAL GAS CORPORATION
(32) Priority Date	:NA	LIMITED
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SANJAY MAHAJANI
Filing Date	:NA	2)SMINU BHASKARAN
(87) International Publication No	: NA	3)ANURADDA GANESH
(61) Patent of Addition to Application Number	:NA	4)RAJINDER KUMAR SAPRU
Filing Date	:NA	5)DINESH KUMAR MATHUR
(62) Divisional to Application Number	:NA	6)AJIT KUMAR PAL
Filing Date	:NA	7)RAKESH KUMAR SHARMA

### (57) Abstract:

The present invention relates to an apparatus for analyzing and characterizing spalling behavior of coal during underground coal gasification. The apparatus comprises a furnace (1) having a iid (2) with an opening (3). A heat source (4) is located at the bottom surface of the furnace (1). A coal block holder (5) with a coal block (6) is suspended within the furnace (1). The coal block holder (5) has an open bottom (7) facing the heat source (4). The apparatus comprises a device (10), for monitoring weight of the coal block (6), placed outside the furnace (1) and comprising a suspension means (11) for suspending the coal block (6) with the coal block holder (5), wherein the suspension means (31) passes through the opening (3) of the furnace lid (2). The present invention further relates to a process for analyzing and characterizing spalling behavior of coal during underground coal gasification.

No. of Pages: 19 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3969/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PROCESSING IN MAKING READY TO EAT CONFECTIONERY SNACK SHAPES FOR DECORATION

(51) International classification	:A23G3/34, A23G3/54	(71)Name of Applicant : 1)Mr. Paisal Angkhasekvilai
(31) Priority Document No	:14/077,810	Address of Applicant :51/3 Soi Chaengwattana 41,
(32) Priority Date	:12/11/2013	Chaengwattana Road, Pakkred, Nonthaburi 11120. Thailand
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)Mr. Paisal Angkhasekvilai
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 process for ready to eat confectionery snack included a fruit chewy casing with center filling. The filling can be jam-like, sugar paste-like, other substance like. The product shapes can have a variety of shapes or not limited to create and various color for recreational use.

No. of Pages: 17 No. of Claims: 24

(22) Date of filing of Application :24/10/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : A SYSTEM FOR ONLILNE CONTINUOUS CLEANING OF ACCUMULATED DUSTS FROM DOWN SHOP LEAD(DSL) RAILS OF EOT CRANES.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A63F3/06 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)JSW STEEL LIMITED  Address of Applicant: DOLVI WORKS, GEETAPURAM, DOLVI, TALUKA PEN, DIST. RAIGAD, MAHARASHTRA, PIN – 402107, India (72)Name of Inventor:  1)KOLHE, YOGESH  2)GUPTA, KANHAIYALAL  3)TEMBHEKAR, GUNWANT  4)SUTAR, AMOL  5)UTEKAR, SANDIP  6)SHARMA, SURESH KUMAR
---	--	---

### (57) Abstract:

The present invention relates to a system for online continuous dust cleaning of Down Shop Lead (DSL) rail of EOT Cranes such as those running at steel melt shop bay. The system for online continuous dust cleaning of Down Shop Lead (DSL) rail of Cranes according to the present invention involves an extended DSL Current collector assembly cage attached to crane platform which serves as DSL rail maintenance platform with a air blowing fan mounted on it, directed to the DSL rails, to provide for on-line cleaning of accumulated dust for proper visibility of all joints favouring ease of checking/inspection during running condition of crane and also ensure safety and convenience of accessibility for maintenance during shutdown to thereby reduction in delays/downtime at steel melting shop crane running bay area.

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

(22) Date of filing of Application :17/11/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: "PORTABLE PNEUMATIC UNIT™ FOR ECO-FRIENDLY POWER 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 Siling Date (10) Patent of Application Number Filing Date (11) Patent of Application Number Filing Date (12) Patent of Application Number Filing Date (13) Priority Document No Sina Na	(71)Name of Applicant:  1)Mr. Manish Dattatraya Pasarkar Address of Applicant: Assistant Professor, Department of Mechanical Engineering, Sanjivani Rural Education Society <sup>TM</sup> s College of Engineering, Kopargaon-423 603 Maharashtra India 2)Mr. Bhushan Sudhakar Lokhande (72)Name of Inventor: 1)Mr. Manish Dattatraya Pasarkar 2)Mr. Bhushan Sudhakar Lokhande 3)Dr. Ajaykumar Gulabsing Thakur 4)Shahane Ravindra Dnyaneshwar 5)Sonawane Ajinkya Vasantrao 6)Varma Nikhil Suresh
---	---

### (57) Abstract:

The present invention relates for an economically affordable, easy to install Portable Pneumatic Unit for Eco-friendly Power Generation from inexhaustible non-conventional source of energy preferably mechanical energy in order to be used for various system or appliances as in to supply input power. The generated power can be used at domestic and industrial level for various system or appliances as an input power and will be an answer to the problem for depletion of energy from non-renewable sources such as petroleum, natural gas, coal and lignite which will get exhausted by the few decades. Following invention is described in detail with the help of Figure 1 of sheet 1 which shows schematic presentation of Portable Pneumatic Unit for Eco-friendly Power Generation.

No. of Pages: 12 No. of Claims: 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3595/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ORAL IRON CHELATORS

(51) International classification	:C07D295/205, A61K31/47, C07D213/69, A	(71)Name of Applicant: 1)NATIONAL INSTITUTE OF IMMUNOHAEMATOLOGY (I.C.M.R.) Address of Applicant: NATIONAL INSTITUTE OF
(31) Priority Document No	:NA	IMMUNOHAEMATOLOGY, I.C.M.R., 13 TH FLOOR, NEW
(32) Priority Date	:NA	M.S.B., K.E.M. HOSPITAL CAMPUS, PAREL, MUMBAI
(33) Name of priority country	:NA	400012, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. KANJAKSHA GHOSH
(87) International Publication No	: NA	2)DR. ROSHAN COLAH
(61) Patent of Addition to Application Number	:NA	3)DR. KHUSHNOOMA ITALIA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention deals with a composition for treating iron overload in patients with  $\beta$ -thalassemia and particularly deals with a combination of iron chelators comprising of hydroxyurea, deferasirox and deferiprone. The combination of hydroxyurea, deferasirox and deferiprone provides excellent results when used in a ratio of 1:1:4 of the respective drugs. On comparing the dry weight of iron levels/gm of liver and heart tissues in different groups of mice against that which were not treated with any drug, it was observed that the mean dry weight of liver iron showed a significant reduction in the combination group.

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

(22) Date of filing of Application :23/07/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: WORK MACHINE WITH MULTI-ENGINE START-UP CONTROL SCHEME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:F01N9/00 :61/809,965 :09/04/2013 :U.S.A.	Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHERLOCK LANCE R
(87) International Publication No	: NA	2)HANSON STEVEN P
(61) Patent of Addition to Application Number	:NA	3)KNIPPER JASON G
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A work machine comprises an operator input device, an internal combustion first engine, an internal combustion second engine, an ignition circuit, and a control system. The ignition circuit is operatively coupled to the first engine and the second engine, and comprises an electric battery for supplying electric potentialto start up the first engine and the second engine. The control system is coupled electrically to the operator input device and the ignition circuit. The control system is configured to command start-up of the first engine in automatic response to a manipulation of the operator input device, and command start-up of the second engine in automatic response to start-up of the first engine.

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

(22) Date of filing of Application :20/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : NON-ORGANIC STABLE CONCENTRATE FOR CLEANING, SANITATION AND DISINFECTION AND A SYNTHESIZING METHOD THEREOF

	:A01N59/00.	(71)Name of Applicant:
(51) International classification	A01N59/16,	1)XH2O SOLUTIONS PRIVATE LIMITED
(31) international classification	A01N25/30,	Address of Applicant :PLOT NO. 137, PHASE-1, VATVA
	A01P	G.I.D.C., AHMEDABAD-382445, GUJARAT, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)BHUTA HARESH JITENDRARAI
(33) Name of priority country	:NA	2)ALAN WILLIAM WAKELING
(86) International Application No	:NA	3)DAVID GARTON
Filing Date	:NA	4)BHATT NIRJAR RAJENDRA
(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 non-organic stable aqueous concentrate for cleaning, sanitation and disinfection and a synthesizing method thereof. The concentrate can remain stable for a period of 40 to 90 days. The concentrate substantially comprises a mixture of sodium hypochlorite and ozone in the range of 5,000 to 40,000 ppm measured as available free chlorine. The method of synthesizing the concentrate comprises preparing electrolyte solution by dissolving sodium chloride; circulating the said electrolyte solution through a boron doped diamond electrochemical cell; energizing the said boron doped diamond electrochemical cell using direct current; continuing the said circulation of the said electrolyte solution through the said energized boron doped diamond electrochemical cell; and maintaining temperature of the said electrolyte solution within a suitable range.

No. of Pages: 14 No. of Claims: 8

(22) Date of filing of Application :20/11/2013 (43)

(43) Publication Date: 31/07/2015

# (54) Title of the invention : AMORPHOUS (S)-2-(1-(9H-PURIN-6-YLAMINO)PROPYL)-5-FLUORO-3-PHENYLQUINAZOLIN-4(3H)-ONE $\bullet$

	:A61P25/20, A61P43/00,	(71)Name of Applicant:
(51) International classification	A61K31/505,	1)CADILA HEALTHCARE LIMITED Address of Applicant :Zydus Tower, Satellite Cross Road,
	C07	Ahmedabad 380 015, Gujarat, India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)DWIVEDI, Shriprakash Dhar
(33) Name of priority country	:NA	2)KHERA, Brij
(86) International Application No	:NA	3)SINGH, Kumar Kamlesh
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	

<sup>(57)</sup> Abstract:

The present invention relates to an amorphous form of idelalisib and processes for the preparation of the amorphous form. The invention also relates to pharmaceutical compositions that include the amorphous form of idelalisib.

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

(22) Date of filing of Application :20/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: STABLE PHARMACEUTICAL FORMULATION(S) OF TETRACYCLINE ANTIBIOTIC

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:A61K47/18, A61K47/16, A61K31/65, A61K :NA :NA :NA :NA	,
Filing Date	:NA	
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention provides a stable, organoleptically acceptable topical formulation(s) of the tetracycline antibiotics or pharmaceutically acceptable salts or hydrates thereof for the treatment of acne.

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

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ELECTROMAGNET BASED MECHANICAL LATCH SYSTEM FOR A CONTACTOR

(51) International classification	:E05B65/36	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400
(86) International Application No	:NA	001, Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)J. AJITH KUMAR
(61) Patent of Addition to Application Number	:NA	2)PRAPTEE JAMBHORKAR
Filing Date	:NA	3)OORMILAA SIDHARTHAN
(62) Divisional to Application Number	:NA	4)TEJAS PALSHIKAR
Filing Date	:NA	5)NRITYA GURU

### (57) Abstract:

Disclosed is an electromagnet based mechanical latch system for a contactor. The contactor includes a bridge and a coil, wherein the mechanical latch system comprises a coupler coupled to the bridge of the contactor, a link capable of being latched to the coupler, a first spring attached to the link, a bar attached to a tail portion of the link, a second spring coupled to lower end of the bar, an U shaped magnet configured on the bridge, and an I shaped magnet configured on the bridge.

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

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: FINGOLIMOD HYDROCHLORIDE PROCESS

		(71)Nome of Applicant
		(71)Name of Applicant :   1)EMCURE PHARMACEUTICALS LIMITED
(51) International classification	:C07C215/20	
(31) Priority Document No	:NA	BHOSARI, PUNE-411026, . Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)GURJAR MUKUND KESHAV
(86) International Application No	:NA	2)TRIPATHY NARENDRA KUMAR
Filing Date	:NA	3)NEELAKANDAN KALIAPERUMAL
(87) International Publication No	: NA	4)PANCHABHAI PRASAD PANDURANG
(61) Patent of Addition to Application Number	:NA	5)SRINIVAS NANDALA
Filing Date	:NA	6)BALASUBRAMANIAN PRABHAKARAN
(62) Divisional to Application Number	:NA	7)BUCHUDE SANDIP BAJABA
Filing Date	:NA	8)MUGALE BALAJI RAM
		9)AHIRRAO PRAVIN PRABHAKAR
		10)MEHTA SAMIT SATISH

## (57) Abstract:

A process for preparation of diethyl 2-acetamido-2-(4-octyl phenyl)ethyl malonate (III), a key intermediate of fingolimod hydrochloride comprising reaction of 2-(4-octylphenyl)ethyl iodide (IV) with diethyl acetamido malonate in presence of a base and an iodinating agent and in an organic solvent. The compound of formula (III) thus obtained provided fingolimod hydrochloride (la) is having associated impurities below the regulatory limits.

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

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A KEY-FOB BASED COMMUNICATION SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:B60R25/10 :NA :NA :NA :NA	(71)Name of Applicant:  1)MAHINDRA TWO WHEELERS LIMITED  Address of Applicant: D1 BLOCK, PLOT NO. 18/2 (PART),  MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,  INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)JASTI KIRANKUMAR 2)NERKAR HARSHALA RATILAL
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A communication system for configuring communication channel between a key-fob and a vehicle includes a first communication device, a second communication device and a communication network. The first communication device is configured on the key-fob. The second communication device is configured on base station of the vehicle. The communication network facilitates communication between the first and the second communication devices for authorizing the first communication device associated with the key-fob and enabling the authorized communication device to wirelessly control an immobilizer and other auxiliary sub-systems associated with the vehicle based on control signal generated by the base station. The first communication device selectively derives operating power from an induction based powering sub-system. The communication network is a short range wireless communication network.

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

(22) Date of filing of Application :25/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD FACILITATING PERFORMANCE PREDICTION OF MULTI-THREADED APPLICATION IN PRESENCE OF RESOURCE BOTTLENECKS

	:G06F13/00,	(71)Name of Applicant:
(51) International classification	G06F15/00,	1)TATA CONSULTANCY SERVICES LIMITED
	G06F9/46	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(31) Priority Document No	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(32) Priority Date	:NA	INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DUTTAGUPTA, SUBHASRI
Filing Date	:NA	2)VIRK, RUPINDER SINGH
(87) International Publication No	: NA	3)NAMBIAR, MANOJ KARUNAKARAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

System(s), method(s) and computer program product to facilitate performance prediction of a multi-threaded application in presence of resource bottlenecks has been disclosed. One or more queuing networks are represented for resources employed to run the multi-threaded application. The resources comprise of software and hardware resources and the queuing network comprises of a hardware queuing network and the software queuing network. A performance metrics comprising one or more parameters is computed by using an iterative technique with a predetermined value of service demand. One or more parameters in form of a throughput value and response time are determined thereby determining the performance of the multi-threaded application.

No. of Pages: 34 No. of Claims: 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3756/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: OVERVOLTAGE PROTECTION

	·H01T1/14	(71)Name of Applicant :
(51) International classification	H01H83/10,	
	H01C7/12	Address of Applicant :THE GRO, POOL ROAD,
(31) Priority Document No	:1221573.7	NEWTOWN, POWYS, SY16 3BE, UK
(32) Priority Date	:30/11/2012	(72)Name of Inventor:
(33) Name of priority country	:GB	1)HART SIMON DAVID
(86) International Application No	:NA	2)WEBSTER ANTONY JOHN
Filing Date	:NA	3)GANDU KONDALA RAO
(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 power supply arranged to charge a smoothing capacitance via a resistive element for soft-starting in the event that one or more conditions for normal operation are not complied with is arranged to detect that a voltage across at least part of the smoothing capacitance exceeds an excess voltage threshold and, responsive to the detecting, interrupt charging of the smoothing capacitance via the resistive element for soft-starting.

No. of Pages: 21 No. of Claims: 17

(22) Date of filing of Application :24/12/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: A MULTI FUEL INTERNAL COMBUSTION ENGINE

<ul> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:F02B5/00, F02M43/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)AJINKYA RAVINDRA KOTTAWAR Address of Applicant:201, GURDEV NAGAR, UMARSARA, YAVATMAL, 445001, MAHARASHTRA, INDIA (72)Name of Inventor: 1)DR. NISHIKANT VINAYAK DESHPANDE 2)AJINKYA RAVINDRA KOTTAWAR 3)PARAG PRAKASH OULKAR
(62) Divisional to Application Number	:NA :NA	

### (57) Abstract:

According to this invention a multi-fuel internal combustion (I.C.) engine is disclosed. The multi-fuel IC engine comprising an engine block having at least one cylinder assembly. Closing and opening means are provided to close and open lower end of the cylinder assembly in a leak proof manner so as to increase and decrease volume of the combustion chamber in order to operate the engine on petrol fuel or diesel fuel. A piston adapted to be connected with a crank shaft is provided in the combustion chamber so as to transmit reciprocal movement into rotatory motion. Fuel injector is provided to supply diesel fuel into the combustion chamber. Heating means are provided to facilitate combustion of diesel fuel in the combustion chamber. Air supply means having an inlet valve is provided to supply compressed air when the engine is operated on diesel fuel. An outlet valve is provided such that to facilitate exit of exhaust gases from the combustion chamber. Fuel-air mixture supply means having an inlet valve are provided to supply petrol and air mixture into the combustion chamber. Actuating means are provided to actuate to closing and opening means to change the operation mode from diesel fuel to petrol fuel by closing and opening of the lower end of the cylinder head.

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

(22) Date of filing of Application :25/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ROTARY ACTUATOR WITH OPTIMISED SPUR PINION AND RACK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	F15B15/08 :NA :NA :NA :NA :NA	<ul> <li>(71)Name of Applicant:</li> <li>1)ROTEX Manufacturers and Engineers Private Limited Address of Applicant: Manpada Road, Dombivali (East)</li> <li>421204, Maharashtra, INDIA</li> <li>(72)Name of Inventor:</li> <li>1)Dr.Ajit Kothadia</li> <li>2)Mr.Amit Shah</li> </ul>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A rotary actuator with optimized spur pinion and rack, pinion and rack of dissimilar materials and rack of weaker material, positively corrected pinion has twelve involute teeth and negatively equally corrected rack has a entire working composite involute profile and elliptical nonworking root profile, thereby improving performance without interference, with reduced vibration and noise.

No. of Pages: 25 No. of Claims: 5

(22) Date of filing of Application :25/12/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: HEALTHCARE MANAGEMENT SYSTEM

(51) International classification	:G06Q40/00,G06F19/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BK MURALI
(32) Priority Date	:NA	Address of Applicant :51 DHANTOLI NAGPUR Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KASIAMMAL MURALI BALASUNDARAM
(87) International Publication No	: NA	2)CAROLINE RUBY AMMON
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(FE) A1		•

### (57) Abstract:

The invention provides a method for generating and managing dynamic medical charts for documenting a patient<sup>TM</sup>s progress within a healthcare management system, the method includes creating a medical charting application that is accessible on-line by health care providers, wherein the medical charting application comprises a database of templates for medical charts; configuring smart charting tools for use in creating a template for medical chart, wherein the smart charting tools comprise one or more smart phrases, smart text, smart lists, smart lists, smart sets, smart forms, wherein the template is an electronic health record of the patient; generating a dynamic medical chart for recording a patient<sup>TM</sup>s health status using the template by a physician; uploading the dynamic medical chart by a physician in the database; and updating the dynamic medical chart for the patient for each consultation.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: HYDROCARBON CRACKING CATALYST AND PROCESS FOR PRODUCING LIGHT OLEFINS

		(71)Name of Applicant:
		1)Indian Oil Corporation Limited
(51) International classification	:C07C4/02	Address of Applicant :G-9, Ali Yavar Jung Marg, Bandra
(31) Priority Document No	:NA	(East), Mumbai-400 051, Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SARKAR, Biswanath
(86) International Application No	:NA	2)DAS, Satyen Kumar
Filing Date	:NA	3)KUKADE, Somnath
(87) International Publication No	: NA	4)MISHRA, Ganga Shankar
(61) Patent of Addition to Application Number	:NA	5)DALAI, Eswar Prasad
Filing Date	:NA	6)CHIDAMBARAM, Velusamy
(62) Divisional to Application Number	:NA	7)PANDEY, Sudhir Kumar
Filing Date	:NA	8)THAKUR, Ram Mohan
		9)BHATTACHARYYA, Debasis
		10)RAJAGOPAL, Santanam

### (57) Abstract:

The present invention relates to a novel catalyst composition for catalytic cracking of hydrocarbon streams to enhance the yield of light olefins. The catalyst composition for the cracking of hydrocarbon feed streams to light olefins, comprises a USY zeolite with silica/alumina ratio of more than 40, pentasil zeolite, a phosphate compound and alumina silica binder. The yield of olefins is further increased when the catalyst composition is impregnated with a cerium oxide. The present invention also provides a process of increasing the yield of light olefins from hydrocarbon feed streams comprising contacting the hydrocarbon streams with catalyst compositions of the present invention.

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

(22) Date of filing of Application :27/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR FACILITATING AUTHENTICATION OF AN ELECTRONIC DEVICE ACCESSING PLURALITY OF MOBILE APPLICATIONS

(51) International classification	:G06F21/32, H04L29/06	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHUKLA, KARTIKEY
(87) International Publication No	: NA	2)SINGH, NISHANT
(61) Patent of Addition to Application Number	:NA	3)SHETTY, KALIDAS KRISHNA
Filing Date	:NA	4)TIWARI, SHISHIR
(62) Divisional to Application Number	:NA	5)YOHANNAN, NISHA
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a system and method for facilitating authentication of an electronic device accessing plurality of mobile applications is disclosed. The system may receive a device public key and authentication information of the electronic device. The system may validate the authentication information to initiate a device session with the electronic device and create an authentication token signed with a server signature. The system may enable the electronic device to access a first mobile application based on the authentication information validated. Further, the system may receive the authentication token signed with a device signature. The system may authorize the authentication token by verifying the device signature and the server signature on the authentication token with a device public key and a server public key respectively. The system may then enable the electronic device to access the second mobile application using the authentication token authorized.

No. of Pages: 31 No. of Claims: 14

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A METHOD FOR SYNTHESISING DEFECT RICH NANOCRYSTALS OF VARIABLE SIZE WITH ENHANCED DEFECT LUMINESCENCE

(51) International classification	:G11C11/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI MUMBAI 400076,
(86) International Application No	:NA	MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ADERSH ASOK
(61) Patent of Addition to Application Number	:NA	2)AJIT R. KULKARNI
Filing Date	:NA	3)MAYURI N. GANDHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A method to synthesize luminescent and variable size zinc oxide quantum dots from defect rich seeds makes use of both thermodynamic and kinetic principle to enhance the defect density in nanocrystals. The defect rich smaller nanocrystals are synthesized by rapid crystallization of nanocrystals above its crystallization temperature. Ultrafast dielectric heating by microwave initiates rapid crystallization. The defect rich smaller nanocrystals are further used as seeds for the growth of other different size nanocrystals with high defect density. The present invention also uses ZnO quantum dots (QDs) for thermodynamic promotion of defects in seed QDs and defect propagation in variable size ZnO QDs grown from defect rich seed QDs. The photoluminescence confirm that QDs grown from defect rich seed shows enhanced defect emission in comparison with the QDs grown from less defective seed. All the different size QDs synthesized is highly luminescent, stable, monodispersed in size and possess size tunable emission.

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

(22) Date of filing of Application :26/11/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : A AYURVEDIC NUTRITIONAL SUPPLEMENT FOR CHILD IN WOMB AND MOTHER DURING PREGNANCY

(51) International classification	:A61K 36/00, A23L 1/00, A61K 400059 Maharashtra India
	31/00 (72)Name of Inventor:
(31) Priority Document No	:NA 1)MR. ROHIT BAGRI
(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
<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	31/00 (72)Name of Inventor: :NA

## (57) Abstract:

A nutritional Supplement which changes in every three months to provide optimum nutrition to the child at the womb and the pregnant mother. This nutritional supplement contain the Ayurvedic herbs, milk, ghee and sugar to help the growth of the foetus, nourishes the mother during pregnancy, facilitates hazard free and smooth child birth, helps secretion of breast milk and to rebuild the reproductive tissues.

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

(22) Date of filing of Application :06/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD FOR BLUR DETECTION AND CORRECTION FOR IMAGES

(51) International classification	:H04N5/232	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VINAYAK KACHARDAS BAIRAGI
(32) Priority Date	:NA	Address of Applicant :'SHIVALIK', 14/3/8 HINGNE
(33) Name of priority country	:NA	KHURD, MAHADEVNAGAR, NEAR SAMARTHNAGAR
(86) International Application No	:NA	BUS STOP, PUNE 411051, MAHARASHTRA, INDIA.
Filing Date	:NA	2)ANIKET KISHOR KEMALKAR
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VINAYAK KACHARDAS BAIRAGI
Filing Date	:NA	2)ANIKET KISHOR KEMALKAR
(62) Divisional to Application Number	:NA	3)PRADEEP B. MANE
Filing Date	:NA	4)GAJANAN K. KHARATE

#### (57) Abstract:

This invention it related to both a process and a system for debluring of blured image. The method for debluring of blured image comprises of steps like capturing the image, converting into digital form, reshaping the data into matrix form, Obtaining a blurness parameter for the digital image, Obtaining a special frequency measure parameter for the digital image, Selecting debluring Kernel size according to parameter value of SFM, Kernel K of selected size is computed using linear least square sense, Debluring the digital image using selected kernel (K) by the way of de-convoluting kernel K with digital image. The system and method for debluring of blured image is described in the description and illustrated by the way of drawings. The invention also comprises software for computer readable program that automates a process of debluring of blured image for digital images obtained from a digital photography device.

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

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR DESIGNING A NETWORK FOR ONE OR MORE ENTITIES IN AN ENTERPRISE

(51) International classification	G06F21/00	, , , , , , , , , , , , , , , , , , ,
(31) Priority Document No (32) Priority Date	:NA :NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)NADAF, Shameemraj M
Filing Date	:NA	2)REVOORI, Vishvesh
(87) International Publication No	: NA	3)RATH, Hemant Kumar
(61) Patent of Addition to Application Number	:NA	4)SIMHA, Anantha
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

System(s) and method(s) for designing network of one or more entities in an enterprise is disclosed. A design type along with configurable design parameters is selected from a list of designs. Requirements associated with design of entities are collected from the users. The requirements and configurable design parameters are analyzed to obtain analysis results. Based on at least one of a layer-wise requirement and distribution or a zone-wise requirement and distribution, network devices and modules associated with the entities are determined. One or more designs are generated for the network of entities based on the layer-wise requirement and distribution or the zone-wise requirement and distribution of network devices and modules associated with the entities in the enterprise.

No. of Pages: 36 No. of Claims: 26

(21) Application No.415/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DRIVE UNIT WITH INTERFACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	H02P29/00 :GB 1203592.9	(71)Name of Applicant:  1)CONTROL TECHNIQUES LTD  Address of Applicant: THE GRO, POOL ROAD  NEWTOWN, SY16 3BE U.K.  (72)Name of Inventor:  1)HOLMAN-WHITE JONATHAN ROBERT
---	-------------------------------	---

## (57) Abstract:

A drive unit for housing components of a drive system for an electrical machine, such as an electric motor, comprises a cabinet having opposed first and second relatively narrow faces and a wide face between them. An interface for inputting and deriving data is mounted on a bracket to the unit and faces in the same direction as the wide face. The unit can be installed conveniently in situations in which depth is limited, while at the same time enabling the drive unit to be programmed and set in a convenient way.

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :28/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SCHOTTKY JUNCTION DIODE BASED THERMAL NEUTRON DETECTOR

(51) International classification	:G01T3/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY BOMBAY, POWAI, MUMBAI - 400076,
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ACHINTYA DAS
(61) Patent of Addition to Application Number	:NA	2)PROF. SIDDHARTHA P DUTTAGUPTA
Filing Date	:NA	3)DR. MAYURI N GANDHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The proposed multi-stack Schottky diode based thermal neutron detection technique is three step processes to detected thermal neutron. In the 1st step neutron are transmitted to charged ions in the Neutron Converting Layer (NCL). In the 2 step the generated light ions passing through but heavy ions are stopped by the Integrated Heavy Ion Selective Screening Layer (IHISSL). Finally the light ions reach to Schottky diode and generate electrical signal in the Schottky diode. Depending on the thickness of Integrated Heavy Ion Selective Screening Layer (IHISSL) it can also stop lighter ions. Optimized thickness of the Integrated Heavy Ion Selective Screening Layer (IHISSL) can only stop heavy ions without significant compromise of lighter ion energy loss and prevent degradation of metal semiconductor Schottky junction diode. Optimization is done using the fundamental concept of ion implantation.

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

(22) Date of filing of Application :15/04/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CONTROL SYSTEM AND METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	H02J 1/00, H05B 37/02	(71)Name of Applicant:  1)CONTROL TECHNIQUES LTD Address of Applicant: THE GRO, POOL ROAD, NEWTOWN, POWYS, SY16 3BE, UNITED KINGDOM (72)Name of Inventor: 1)HART SIMON DAVID 2)CADE MICHAEL 3)WAIN RICHARD MARK
Filing Date	:NA	

## (57) Abstract:

Embodiments of the present invention relate to an a method, apparatus and computer program product for controlling the operation of a drive unit comprising a plurality of switching modules arranged to receive a DC electricity supply and generate an AC electricity supply for driving a load from the received DC electricity supply, the AC electricity supply being generated by the switching of the plurality of switching modules between a conducting state and a non-conducting state. The method comprises receiving one or more characteristics associated with each of the switching modules, comparing, for each switching module of the plurality of switching modules, a characteristic of the switching module with an equivalent characteristic associated with one or more other switching modules of the plurality of switching modules, and controlling a time period during which one or more of the plurality of switching modules are in the conducting state in accordance with a result of the comparison.

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

(22) Date of filing of Application :05/12/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DYNAMIC SPECTRUM MANAGEMENT TECHNIQUES USING COGNITIVE RADIO

(51) Intermetional alocalization	:H04J3/00,	(71)Name of Applicant:
(51) International classification	H04W72/12, H04W8/24	1)Dipak P Patil Address of Applicant: B-16, varad Laxmi Apartment,
(31) Priority Document No	:NA	Bh.JanakNagari Row Houses, Kamatwade Khutwad
(32) Priority Date	:NA	Nagar,Nashik-422008. Maharashtra India
(33) Name of priority country	:NA	2)Dr. Vijay M. Wadhai
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dipak P Patil
(87) International Publication No	: NA	2)Dr. Vijay M. Wadhai
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Present invention provides system for design of efficient and flexible spectrum access and utilization of available spectrum amongst secondary (unlicensed)users. Because of the static spectrum allocation policy, most of the available spectrum remains underutilized; hence efforts are required to switch from the current static spectrum management policy to a dynamic one. The cognitive radio technique isacknowledged as the most efficient method to improve the spectrum utilization, by utilizing the available spectrum effectivelyamongst the secondary users in an opportunistic manner in wireless communication networks. We propose the system for design of efficient and flexible spectrum access and utilization of available spectrum amongst secondary (unlicensed) users. The proposed system presented, describes the way for improving the performance of thewireless networks by means of developing the efficient and fast algorithms to manage the spectrum dynamically. Following invention is described in detail with the help of Fig.1 shows the actual spectrum usage for various wireless services measured from 54 MHz to 3000 MHz where the average occupancy of the available spectrum is only 5.2%, Fig.2 shows block diagram of cognitive radio, Fig.3. shows components of Cognitive Radio Architecture and Fig.4. shows The communication model of the system for DSM

No. of Pages: 23 No. of Claims: 6

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND TOOL FOR ASSISTING ALIGNMENT OF A PIN HEADER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:1301649.8 :30/01/2013 :GB :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)CONTROL TECHNIQUES LTD Address of Applicant: CONTROL TECHNIQUES LTD, THE GRO, POOL ROAD, NEWTOWN, POWYS, SY16 3BE, UK (72)Name of Inventor: 1)CACHIA CHARLES ANTHONY
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Method and tool for assisting alignment of one or more pin headers on a PCB are disclosed. Method comprises placing the pin header (10) on a (PCB) (20) such that the pins (16) on a first side of a collar (12) engage the surface of the PCB (20). A removable tool (30) exerts a force on the pins (16) causing the collar (12) to urge the pins (14) on a second side of the collar (12) into a soldering position. The tool offers a simple and economic means of assisting alignment of one or more pin headers. Because the pin header is held in the correct position prior to soldering, fewer alignment problems are experienced further down the assembly of the product. The tool improves the yield at wave/reflow soldering, and helps to reduce the number of bent and damaged pins.

No. of Pages: 27 No. of Claims: 32

(22) Date of filing of Application :03/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AUTOMATED RESPONSE TO A FEEDBACK

(51) International classification :H04M3/56,G0 (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	01V8/00 (71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021, India (72)Name of Inventor: 1)DASGUPTA, Pushan 2)RAY, Sumit Kumar 3)PRADHAN, Anindya 4)RAY, Antara 5)KUNDU, Anindya
---	---

## (57) Abstract:

The present subject matter relates to data processing, and in particular, relates to providing an automated response to feedback. The method comprises obtaining the feedback from at least one data source. Further, at least one event from the feedback may be identified. The at least one event is indicative of an activity affecting the services provided to the consumer by an organization. Following the identification of the at least one event, at least one rule may be invoked based on the at least one identified event and at least one ontology knowledge base. The at least one ontology knowledge base includes domain-specific data pertinent to the at least one event. Further, based on the at least one rule, at least one workflow may be generated for providing a response to address the feedback.

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

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND ARRANGEMENT FOR TRIGGERING A SERIES SPARK GAP

(51) International classification	:H02H1/00, H01T15/00, H01T, H01T2/02	(71)Name of Applicant:  1)ALSTOM Technology Ltd Address of Applicant:Brown Boveri Strasse 7, CH-5400 Baden, Switzerland
(31) Priority Document No	:12199030.3	(72)Name of Inventor:
(32) Priority Date	:21/12/2012	1)Jussi POYHONEN (Mr)`
(33) Name of priority country	:EPO	
(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 series spark gap comprising at least three partial spark gaps is provided. In a con-tinuous operation mode a supply voltage acting over the partial spark gaps is divided by first voltage dividing means. During triggering more than half of the partial spark gaps are bypassed by using bypass means such that more than half of the supply voltage acts over the partial spark gaps that are not bypassed, whereby the partial spark gap or the partial spark gaps that are not bypassed ignite. The voltage acting over the bypassed partial spark gaps is divided asymmetrically using the bypass means whereby the bypassed partial spark gaps ignite sequentially in the order determined by the asymmetric voltage division.

No. of Pages: 11 No. of Claims: 12

(21) Application No.3709/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AN ARRANGEMENT AND METHOD FOR LOAD COMPENSATION

	:F22B1/00,	(71)Name of Applicant:
(51) International classification	F01K13/02,	1)ALSTOM Technology Ltd
	F03G6/00	Address of Applicant :Brown Boveri Strasse 7, CH-5400
(31) Priority Document No	:12199027.9	Baden, Switzerland
(32) Priority Date	:21/12/2012	(72)Name of Inventor:
(33) Name of priority country	:EPO	1)Jarmo AHO (Mr)
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

An arrangement and method for load compensation in an electrical power network. The arrangement comprises at least one voltage stabilization apparatus (7) and at least one load line (LL) comprising at least one load compensation apparatus (10), at least one load (12) and at least one separation reactor (8). In the arrangement the separation reactor (8) is to be connected in series with the load compensation apparatus (10) and the load line (LL) is to be connected in parallel with the voltage stabilization apparatus (7).

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

(22) Date of filing of Application :19/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR DETERMINING THE DIRECTION OF A RADIO EMITTER

(51) International classification	:G01S19/46, G01S1/02	(71)Name of Applicant : 1)ELBIT SYSTEMS EW AND SIGINT- ELISRA LTD
(31) Priority Document No	:IL222095	Address of Applicant :48 MivtzaKadesh St, Bnei Barak 51217,
(32) Priority Date	:24/09/2012	Israel
(33) Name of priority country	:Israel	(72)Name of Inventor:
(86) International Application No	:NA	1)Amnon MenasheMaor
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) A1		<u>'</u>

## (57) Abstract:

A system for determining the direction of arrival of a radio signal emitted by a radio emitter, relative to a reference direction comprising at least two antennas, a antenna position determinator, a multi channel radio receiver and a direction of arrival determinator, at least one of the at least two antennas being a moving antenna moving through a plurality of measurement positions in a reference coordinate system and exhibiting relative motion with respect to the other antenna, the distance between each selected pair of the at least two antennas being greater than half the wavelength of the radio signal, each the selected pair of the at least two antennas including at least one of the at least one moving antenna, each one of the at least two antennas receiving the radio signal

No. of Pages: 46 No. of Claims: 21

(22) Date of filing of Application :21/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : AN ARCHITECTURE FOR VIRTUALIZATION AND DISTRIBUTION OF ROUTING INFORMATION USED IN A TRANSPORT NETWORK

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:H04L12/28 :13/656,862 :22/10/2012 :U.S.A. :NA	' '
Filing Date	:NA	1)SRIKANTH KEESERA
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	: NA :NA	2)GAUTAM KHERA 3)RAMA SURYANARAYANA APPALLA
Filing Date  (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method, apparatus and computer program product for distribution of routing information used in a transport network is presented, in a transport network having a plurality of edge devices and core devices, a main instance of a protocol is used for shortest path and tree computation. A multicast tree is defined per Virtual Services Network (VSN) to distribute Link State Data Base (LSDB) updates that only apply to members of said VSN. Multicast trees are built using a secondary instance of the control protocol LSDB and wherein each VSN multicast tree represents a separate instance of the secondary instance of the control protocol LSD. LSDB updates are distributed that only apply to members of the VSN using the multicast tree for the VSN.

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

(21) Application No.3545/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :11/11/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR ENABLING ANALYSIS OF DATA CORRESPONDING TO REPORTED FAILURE IN VEHICLES

(51) International classification	:G01M17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JARIWALA Anjali Rushabh
(32) Priority Date	:NA	Address of Applicant :13, Gayatri Society, Behind Sanghvi
(33) Name of priority country	:NA	Tower, Adajan Road, Surat - 395009 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JARIWALA Anjali Rushabh
(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 system for enabling analysis of data corresponding to reported failure in vehicles, which were recalled. The system (100) includes a database module (104), a search interface (106) and a processing module (102). The database module (104) is configured to store data corresponding to each of the vehicles, wherein the data comprises parameters assigned to each of the vehicles based on repair summary report corresponding to each of the vehicles. The search interface (106) is configured to receive a search query, wherein the search query comprises at least one of the parameters that are assignable to the vehicles. Further, the processing module (106) is configured to search the stored data to retrieve data corresponding to those vehicles that correspond to the search query and communicate the retrieved data.

No. of Pages: 29 No. of Claims: 28

(21) Application No.3839/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ROTOR AND ELECTRIC MOTOR

(51) X	1100171 /07	
(51) International classification	:H02K1/27	(71)Name of Applicant:
(31) Priority Document No	:10 2012	1)Hanning Elektro-Werke GmbH & Co. KG
(31) Thomas Document 140	112 228.8	Address of Applicant :Holter Strasse 90, 33813
(32) Priority Date	:13/12/2012	Oerlinghausen, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Werner Hangmann
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 rotor for an electric moor, in particular for synchro-nous motors of wet-running pumps, comprising a rotor core on the periphery of which a number of magnets are arranged, the rotor core and the magnets be-ing surrounded by a plastics material casing, characterised in that the magnets each comprise a receiving groove on a peripheral face remote from the rotor core.

No. of Pages: 17 No. of Claims: 12

(22) Date of filing of Application :13/12/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A PROCESS FOR PREPARATION OF ETHAMBUTOL DIHYDROCHLORIDE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:C07C257/02, C07C231/10 :NA :NA :NA	(71)Name of Applicant:  1)Cadila Pharmaceuticals Limited Address of Applicant: Cadila Pharmaceuticals Limited Cadila Corporate Campus, Sarkhej Dholka Road, Bhat, Ahmedabad 382210, Gujarat, India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)ISMAILI Amin Nasiruddin 2)MODI Rajiv Indravadan 3)GAUTAM Pramod Krishnalal 4)PANDIT Unnat Priyavadan

## (57) Abstract:

The present invention relates to a continuous process for preparing Ethambutol dihydrochloride (Formula-1) by reacting d-2-amino-butan-1-ol (d2AB) and ethylene dichloride (EDC) in a different mole ratio more particularly lower mole ratio than conventional mole ratio being used at higher temperature and pressure using Micro/Meso type reactor.

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

(22) Date of filing of Application :15/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR USE OF LICENSED SPECTRUM FOR CONTROL CHANNELS IN COGNITIVE RADIO COMMUNICATIONS

(51) International classification	:H04W72/04	(71)Name of Applicant :
(31) Priority Document No	:61/374230	1)QUALCOMM INCORPORATED
(32) Priority Date	:16/08/2010	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2011/048000	(72)Name of Inventor:
Filing Date	:16/08/2011	1)BARBIERI Alan
(87) International Publication No	:WO 2012/024346	2)MALLADI Durga Prasad
(61) Patent of Addition to Application	:NA	3)WEI Yongbin
Number	:NA	4)BHUSHAN Naga
Filing Date	.IVA	5)GAAL Peter
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Techniques are provided for control signaling and channel selection in cognitive Long Term Evolution (LTE). In one example there is provided a method operable by a mobile entity that involves receiving on a licensed channel broadcasted channel usage information regarding at least one unlicensed channel used by one or more network nodes. The method further involves: performing a cell search procedure based at least in part on the channel usage information to select a given network node among the one or more network nodes; determining at least one random access parameter to be used in establishing wireless communication with the given network node the at least one random access parameter being associated with a characteristic of the user device and determining a preferred downlink channel.

No. of Pages: 144 No. of Claims: 25

(21) Application No.1331/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/02/2013 (43) Publication Date: 31/07/2015

## (54) Title of the invention: FERMENTED MILK HAVING LITTLE LACTOSE AND METHOD FOR PRODUCING SAME

Filing Date :18/08/2	1)MEIJI CO.LTD. Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo 1368908 Japan P2011/068663 (72)Name of Inventor:
----------------------	--

#### (57) Abstract:

The purpose of the present invention is to provide a method that is for producing a fermented milk and that can maintain flavor and quality at a certain level regardless of the condition of lactobacilli or an enzyme. [Solution] The present invention relates to a method for producing a fermented milk said method containing a fermentation step for fermenting a starting material milk containing an enzyme and a deoxygenation processing step performed before fermentation. Also the optimum pH of activity of the enzyme is in the neutral region and the enzyme is inactivated in the acidic region. In the active state the enzyme can break down lactose contained in the starting material milk. As demonstrated by an embodiment by performing deoxygenation processing before fermentation it is possible to maintain the flavor and quality of the fermented milk at a certain level regardless of the condition of lactobacilli or the enzyme.

No. of Pages: 22 No. of Claims: 6

(21) Application No.209/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD, SYSTEM AND APPARATUS FOR DE-PULPING FRUIT

(51) International classification	:A23N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Siddaganga Institute of Technology, An Institution of Sree
(32) Priority Date	:NA	Siddaganga Education Society
(33) Name of priority country	:NA	Address of Applicant :B.H Road, Tumkur - 572 103,
(86) International Application No	:NA	Karnataka, India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R Suresh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

According to an aspect of the present disclosure, the machine de-pulping of fruit separates pulp and the seeds. The de-pulped seeds are used for the extraction of bio-fuel. The abrasive disk is configured inside the de-pulping machine to remove the pulp without damaging the seeds. The rotating abrasive disc develops the friction with the fruits and multiple holes provided on the abrasive disc allows the pulp to flow into the tray and seed to remain into the vessel. According to another aspect of the present disclosure, the depulped seeds may be decorticated using any known technique. The decorticated seeds are used for extraction of bio fuel.

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

(22) Date of filing of Application :18/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND SYSTEM FOR VOTING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06F,G07C :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MOBME WIRELESS SOLUTIONS (P) LTD  Address of Applicant: MOBME WIRELESS SOLUTIONS  PVT. LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA  SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN- 682018, KERALA, INDIA (72)Name of Inventor:  1)GOPALKRISHNAN, SREEKANTH SWARNAM  2)THOMAS, ABE SAM  3)AKHIL S.  4)MICHAEL, BINOY PRAKASH  5)GOPAL, VISHNU  6)SANKAR, ANOOP  7)VIJAYKUMAR, SANJAY
---	---	---

# (57) Abstract:

The present invention provides a method for registering a vote form a voter of a plurality of voters. The method includes receiving voter credentials comprising a mobile identity of the voter of the plurality of voters. Further, the method includes verifying the voter credentials of the voter of the plurality of voters. Furthermore, the method includes assigning a voter identity to the voter of the plurality of voters. In addition, the method includes associating each voter identity with a voter token of a plurality of voter tokens. In addition, the method includes sending the voter token to a mobile device associated with the voter of the plurality of voters. In addition, the method includes receiving a voting response and a hash from the mobile device associated with the voter of the plurality of voters. In addition, the method includes storing the voting response and the hash.

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

(21) Application No.1129/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: DIAGNOSTIC FOR COLORECTAL CANCER

(51) International classification	:G01N33/574,C12Q1/68	(71)Name of Applicant:
(31) Priority Document No	:2010903140	1)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL
(32) Priority Date	:14/07/2010	RESEARCH ORGANISATION
(33) Name of priority country	:Australia	Address of Applicant :Limestone Avenue Campbell Australian
(86) International Application No	:PCT/AU2011/000895	Capital Territory 2612 Australia
Filing Date	:14/07/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/006681	1)COSGRAVE Leah Jane
(61) Patent of Addition to Application	:NA	2)TABOR Bruce
Number	:NA	3)BURGESS Tony W.
Filing Date	.NA	4)NICE Edouard Collins
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention provides a method for diagnosing or detecting colorectal cancer in a subject the method comprising determining the presence and/or level of biomarkers selected from IL 8 IGFBP2 MAC2BP M2PK IL 13 DKK 3 EpCam MIP1 TGF1 and TIMP 1. The invention also relates to diagnostic kits comprising reagents for determining the presence and/or level of the biomarkers and methods of detecting or diagnosing colorectal cancer.

No. of Pages: 76 No. of Claims: 31

(21) Application No.2445/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: DEVICE FOR GUIDING AND TEXTURING A PLURALITY OF SYNTHETIC THREADS

(51) International classification :D02G1/02,D02G1/12,D02G1/16 (71)Name of Applicant :

(31) Priority Document No :10 2011 112 865.8 (32) Priority Date :07/09/2011

(33) Name of priority country :Germany

(86) International Application :PCT/EP2012/067064

:03/09/2012 Filing Date

(87) International Publication No:WO 2013/034511

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :Leverkuser Strasse 65 42897 Remscheid Germany

(72) Name of Inventor: 1)STNDL Mathias

## (57) Abstract:

The exemplary embodiment illustrated in figures 1 to 3 of the device according to the invention is by way of example with respect to the structure and arrangement of the individual assemblies. In principle it is also possible for the godet assigned to the texturing unit 3 to guide the threads only with a single partial looping. The invention is thus particularly suitable for producing a uniform crimp on each thread in a thread group of a plurality of threads. The number of threads within the thread group is shown by way of example with three threads. The thread group can contain two or more threads. The invention is particularly advantageous in the use of what are known as twist texturing nozzles in which a twist is produced on the incoming thread. By avoiding friction points and deflections an identical effect of the twist can be obtained on each of the supplied threads. In addition very compact arrangements can be realized since the texturing nozzles can be arranged at a relatively short distance downstream of the godet. Minimum distances for maintaining maximum angles of deflection are not necessary. Thus even relatively large differences between the guiding distance and the treatment distance can be realized at a short distance between the godet and the texturing unit.

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

(21) Application No.2446/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014 (43) Publication Date: 31/07/2015

(54) Title of the invention: INJECTION NOZZLE

(51) International :F02M61/12,F02M47/02,F02M63/00 classification

(31) Priority Document No :11180619.6 (32) Priority Date :08/09/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/067209

Application No :04/09/2012 Filing Date

(87) International

:WO 2013/034543 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) DELPHI INTERNATIONAL OPERATIONS

LUXEMBOURG S..R.L.

Address of Applicant : Avenue de Luxembourg L 4940

Bascharage Luxembourg (72) Name of Inventor: 1)COOKE Michael

## (57) Abstract:

An injection nozzle for injecting fuel into a combustion chamber of an internal combustion engine is disclosed. The injection nozzle comprises a nozzle body (53) having a bore (57) for receiving fuel from a supply line (12) for pressurised fuel an outlet (56) from the bore (57) for delivering fuel to the combustion chamber in use and a valve needle (55) defining a needle axis and being slidable within the bore (57). The needle (55) comprises a needle guide portion (62) arranged to guide sliding movement of the needle (55) within the bore (57). The injection nozzle further comprises a restriction (61 a) within the bore (57) for restricting the flow of fuel through the bore (57) and a restrictive element (61) having an upstream side (61 b) and a downstream side (61c); the restrictive element being moveable with the needle (55) and located upstream of the needle guide portion (62). At least a part of the downstream side (61c) of the restrictive element (61) comprises a bevelled surface (61d) that extends to a peripheral edge (61 f) of the restrictive element the bevelled surface (61d) being non perpendicular to the needle axis.

No. of Pages: 48 No. of Claims: 28

(21) Application No.2522/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : APPARATUS METHOD AND COMPUTER PROGRAM PRODUCT FOR DATA CLEANSING AND/OR BILLER SCRUBBING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G06Q30/04 :61/531502 :06/09/2011 :U.S.A. :PCT/US2012/053911 :06/09/2012 :WO 2013/036604 :NA :NA	(71)Name of Applicant:  1)MASTERCARD INTERNATIONAL INCORPORATED Address of Applicant: 2000 Purchase Street Purchase NY 10577 U.S.A. (72)Name of Inventor: 1)MILAM Amy C.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A dropped payment file is obtained at a computing device of an operator of an electronic funds transfer bill payment system from a client of such system. The dropped payment file includes data associated with at least one unsuccessful attempt to match payment data to a corresponding biller. The data in the dropped payment file is cleaned to create an updated dropped payment file. Matching logic is applied to the updated dropped payment file to identify at least one recommended biller to which the payment data should likely have been routed to. The client is advised of the at least one recommended biller.

No. of Pages: 56 No. of Claims: 25

(21) Application No.1146/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MIXTURE OF SLAB PRODUCTION

(51) International classification (31) Priority Document No	:B28D1/22,B28B1/14,B28B11/12 :NA	(71)Name of Applicant: 1)SADLER IP PTY LTD
(32) Priority Date	:NA	Address of Applicant :10 Pictor Court Donvale VIC 3111
(33) Name of priority country	:NA	Australia
(86) International Application No Filing Date	:PCT/AU2010/000889 :13/07/2010	(72)Name of Inventor : 1)SADLER William Alexander James
(87) International Publication No	:WO 2011/006194	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A method for producing a cementitious slab including mixing together cement with other materials with the combined mixture of materials having physical particle sizes sufficiently small to allow the material to be cut with a vibrating cutting tool when the material is a semi set state.

No. of Pages: 31 No. of Claims: 27

(21) Application No.218/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :18/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: AUTHENTICATION METHOD IN E-COMMERCE

(31) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date  NA	(71)Name of Applicant:  1)MOBME WIRELESS SOLUTIONS (P) LTD  Address of Applicant: MOBME WIRELESS SOLUTIONS PVT. LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN- 682018, KERALA, INDIA (72)Name of Inventor:  1)SONY J. 2)EDWIN R. 3)GOPAL, VISHNU 4)SAJITH S. 5)VIJAYKUMAR, SANJAY
--	---

## (57) Abstract:

The present invention provides a method for conducting a commercial transaction. The method includes receiving a purchase order from a customer of a plurality of customers, sending an authorization request to the customer from the plurality of customers and a merchant from a plurality of merchant, receiving an authorization response from the customer of the plurality of customers and from the merchant of the plurality of merchants, verifying the customer from the plurality of customers and the merchant from the plurality of merchants on receiving the authorization response, authorizing an initiation of the commercial transaction and generating the commercial transaction on completion of the commercial transaction.

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

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : MR IMAGING USING SHARED INFORMATION AMONG IMAGES WITH DIFFERENT CONTRAST

(51) International classification :G01R33/54,G01R33/56

 (31) Priority Document No
 :61/548241

 (32) Priority Date
 :18/10/2011

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

(86) International Application No :PCT/IB2012/055471 Filing Date :10/10/2012

(87) International Publication No :WO 2013/057629

(61) Patent of Addition to Application Number :NA

Filing Date

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

:G01R33/54,G01R33/565 (71)Name of Applicant :

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

1)HUANG Feng

2)DUENSING George Randall

3)LIN Wei

#### (57) Abstract:

A method of magnetic resonance imaging includes performing a first magnetic resonance scan sequence which saves a data store and performing a second magnetic resonance scan sequence which uses a data store from the first magnetic resonance scan sequence. A magnet (10) generates a B field in an examination region (12) a gradient coil system (14 22) creates magnetic gradients in the examination region and an RF system (16 18 20) induces resonance in and receives resonance signals from a subject in the examination region. One or more processors (30) are programmed to perform a magnetic resonance pre scan sequence to generate pre scan information perform a first sequence to generate first sequence data refine the pre scan information with the first sequence data perform a second imaging sequence to generate second sequence data. Further the second sequence data is either reconstructed using the refined pre scan information.

No. of Pages: 21 No. of Claims: 19

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MEDICAL APPARATUS FOR DISPLAYING THE CATHETER PLACEMENT POSITION

(51) International alequification	. A C1NF/10	(71)Nome of Ameliant.
(51) International classification	:A61N5/10	(71)Name of Applicant:
(31) Priority Document No	:61/548356	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:18/10/2011	Address of Applicant :Groenewoudseweg 1 NL 5621 BA
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/055093	(72)Name of Inventor:
Filing Date	:25/09/2012	1)AMTHOR Thomas Erik
(87) International Publication No	:WO 2013/057609	2)UHLEMANN Falk
(61) Patent of Addition to Application	:NA	3)KRUEGER Sascha
Number		4)WEISS Steffen
Filing Date	:NA	5)HOLTHUIZEN Ronaldus Frederik Johannes
(62) Divisional to Application Number	:NA	6)WIRTZ Daniel
Filing Date	:NA	7)KOKEN Peter

#### (57) Abstract:

The invention provides for a medical apparatus (200 300 400) comprising: a magnetic resonance imaging system (202) a display (270) a processor (228) and a memory (234) for storing instructions for the processor. The instructions causes the processor to receive a brachytherapy treatment plan (240) acquire (100) planning magnetic resonance data (244) calculate (102) a catheter placement positions (246 900 902) and a catheter control commands (248) the brachytherapy catheters. The instructions cause the processor for each catheter placement position to repeatedly: acquire (106) guidance magnetic resonance data (250) reconstruct (108) an image (252 500) display (110) the image and the catheter placement position on the display receive (114) a catheter inserted signal from a user interface segment (116) the image to determine the catheter placement position after receiving the catheter inserted signal recalculate (116) the catheter placement positions for each remaining catheter placement position after receiving the catheter inserted signal and recalculate (116) the catheter control command for all of the multiple catheters after receiving the catheter inserted signal.

No. of Pages: 66 No. of Claims: 15

(21) Application No.1307/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 31/07/2015

## (54) Title of the invention: METHOD AND APPARATUS FOR SELECTING AT LEAST ONE MEDIA ITEM

:G06F17/30,H04N21/482 (71)Name of Applicant : (51) International classification (31) Priority Document No :10172856.6

(32) Priority Date :16/08/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2011/053582 Filing Date :11/08/2011

:NA

(87) International Publication No :WO 2012/023091

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

1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: Groenewoudseweg 1 NL 5621 BA

Eindhoven Netherlands (72) Name of Inventor: 1)PROIDL Adolf

## (57) Abstract:

Filing Date

Items having a plurality of attributes associated therewith each of said associated attributes having a rating the rating indicating the importance of the attribute to the user can be selected (201) and displayed (205) with its associated attributes and corresponding ratings. The ratings can be adjusted (207) and at least one item similar to one of the selected at least one first item is selected (209) based on the rating of at least one of the displayed attributes.

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

(21) Application No.1308/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HIGHLIGHTING OF OBJECTS ON A DISPLAY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:11/08/2011 :WO 2012/023089 :NA :NA :NA	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: Groenewoudseweg 1 NL 5621 BA Eindhoven Netherlands (72)Name of Inventor: 1)OOSTERHOLT Ronaldus Hermanus Theodorus 2)KOHAR Handoko
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method and apparatus are described for controlling a highlighting of one of a plurality of operational objects on a display. A spatially continuous movement of a pointing position on the display which is provided by a user by means of a user input interface is converted in the highlighting of one of the plurality of objects. If the pointing position coincides with one of the plurality of objects this object is highlighted (130). When the pointing position is on empty space between the objects an appropriate one of the plurality of objects is highlighted (160). The parameter used to determine the object to be highlighted is at least the distance from the pointing position to the objects.

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

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : PERFORMANCE INTERFERENCE MODEL FOR MANAGING CONSOLIDATED WORKLOADS IN QOS-AWARE CLOUDS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) International Publication No (84) International Publication No (85) International Publication No (86) Patent of Addition to Application Number Filing Date (87) International Publication Number Filing Date (88) International Publication Number Filing Date (89) International Publication Number Filing Date (80) International Classification Number Filing Date (80) International Classification Number Filing Date (81) International Classification Number Filing Date (81) International Classification Number Filing Date (82) International Classification Number Filing Date (83) International Classification Number Filing Date (84) International Classification Number Filing Date (85) International Classification Number Filing Date (86) International Publication Number Filing Date (87) International Classification Number Filing Date (87) International Classification Number Filing Date (88) International Classification Number Filing Date (89) International Classification Number Filing Date	(71)Name of Applicant: 1)ACCENTURE GLOBAL SERVICES LIMITED Address of Applicant: 3 Grand Canal Plaza Grand Canal Street Upper Dublin Ireland (72)Name of Inventor: 1)Qian Zhu 2)Teresa Tung
--	---

#### (57) Abstract:

The workload profiler and performance interference (WPPI) system uses a test suite of recognized workloads, a resource estimation profiler and influence matrix to characterize un-profiled workloads, and affiliation rules to identify optimal and sub-optimal workload assignments to achieve consumer Quality of Service (QoS) guarantees and/or provider revenue goals. The WPPI system uses a performance interference model to forecast the performance impact to workloads of various consolidation schemes usable to achieve cloud provider and/or cloud consumer goals, and uses the test suite of recognized workloads, the resource estimation profiler and influence matrix, affiliation rules, and performance interference model to perform off-line modeling to determine the initial assignment selections and consolidation strategy to use to deploy the workloads. The WPPI system uses an online consolidation algorithm, offline models, and online monitoring to determine virtual machine to physical host assignments responsive to real-time conditions to meet cloud provider and/or cloud consumer goals.

No. of Pages: 63 No. of Claims: 21

(21) Application No.2513/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: NFC TRANSCEIVER

(51) International classification	:G06K7/10	(71)Name of Applicant:
(31) Priority Document No	:13/282336	1)QUALCOMM INCORPORATED
(32) Priority Date	:26/10/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2012/062292	(72)Name of Inventor:
Filing Date	:26/10/2012	1)SAVOJ Jafar
(87) International Publication No	:WO 2013/063517	
(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 near field communication device (NFC transceiver) comprises a current digital to analog converter (current DAC) configured to convey a current to an antenna in a first active near field communication mode. Load modulation is used by the NFC device in a second passive communication mode for sending data. For effecting load modulation components of the current DAC are used as modulation loads.

No. of Pages: 22 No. of Claims: 25

(21) Application No.2677/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COOKING STOVE

(51) International classification :B66B (31) Priority Document No :09821779 (32) Priority Date :- (33) Name of priority country :Taiwan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant:  1)aFire Inc.  Address of Applicant:1555 Sherman Ave #245 Evanston IL 60201 US U.S.A. (72)Name of Inventor:  1)Freddie CHANG
---	---

## (57) Abstract:

A cooking stove of the present invention includes a stove body and a controlling mechanism. The stove has a lower opening which is adapted for air to flow therethrough. The controlling mechanism includes a screen and an elevator means. The screen is disposed beneath the lower opening. The elevator means is used to adjust a height of the screen so as to enable the screen to selectively move close to or away from the lower opening. As such, the flow rate of air flowed into the stove body via the lower opening is adjustable.

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

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AUTOMATED USER FRIENDLY JACK USING PNEUMATIC SYSTEM

		(71)Name of Applicant:
		1)DR. V.A. NAGARAJAN
		Address of Applicant :HEAD, DEPARTMENT OF
(51) International classification	:E04H6/30	MECHANICAL ENGINEERING UNIVERSITY COLLEGE OF
(31) Priority Document No	:NA	ENGINEERING, NAGERCOIL, KONAM - 629 004 Kerala India
(32) Priority Date	:NA	2)DR. K.P. VINOTHKUMAR
(33) Name of priority country	:NA	3)MR. B.C. ANISH KRISHNAN NAYAR
(86) International Application No	:NA	4)MR. S.S. VENKAT RAMANAN
Filing Date	:NA	5)MR. S. STRITHER
(87) International Publication No	: NA	6)MR. S. AJITH KUMAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. V.A. NAGARAJAN
(62) Divisional to Application Number	:NA	2)DR. K.P. VINOTHKUMAR
Filing Date	:NA	3)MR. B.C. ANISH KRISHNAN NAYAR
		4)MR.S.S. VENKAT RAMANAN
		5)MR. S. STRITHER
		6)MR. S. AJITH KUMAR
		I

## (57) Abstract:

The main objective of this invention is to help women and aged people by making jack as a user friendly to operate. A jack is a mechanical device used to lift heavy loads or apply great forces. Jacks employ a screw thread or hydraulic cylinder to apply very high linear forces. In earlier methods, if a vehicle gets puncture the user uses a mechanical jack or hydraulic jack to lift the vehicle. This method requires huge manpower to operate and it requires one or more operator to operate. Moreover this should be carried in the vehicle wherever we go. If we used hydraulic jack it requires oil to operate, hence it increases the cost. Mechanical jack requires high maintenance. But in this method we are using pneumatic jack system. This method is highly useful to all four wheelers riders. It requires only less cost to fabricate and it is very reliable to lift the vehicle while comparing to earlier method.

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

(21) Application No.2517/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43) Publication Date: 31/07/2015

### (54) Title of the invention: CONTROLLING ACCESS TO A MOBILE DEVICE

(51) International :H04M1/725,G06F21/32,A61B5/117 classification

(31) Priority Document No :61/552396 (32) Priority Date :27/10/2011 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2012/059593

Application No :10/10/2012 Filing Date

(87) International Publication: WO 2013/062771

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

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

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor: 1)FORUTANPOUR Babak 2)PAREKH Shyam K. 3)FORRESTER John

4)PRASAD Harsha Rajendra

#### (57) Abstract:

Various arrangements for customizing a configuration of a mobile device are presented. The mobile device may collect proximity data. The mobile device may determine that a user has gripped the mobile device based on the proximity data. A finger length of the user may be determined using the proximity data. Configuration of the mobile device may be customized at least partially based on the determined finger length of the user

No. of Pages: 55 No. of Claims: 32

(21) Application No.2518/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: COMPOUNDS FOR IMPROVED VIRAL TRANSDUCTION

(51) International classification	:C12N5/071,C12N7/01,C12N5/02	(71)Name of Applicant :
(31) Priority Document No	:61/541736	1)BLUEBIRD BIO INC.
(32) Priority Date	:30/09/2011	Address of Applicant :840 Memorial Drive Cambridge
(33) Name of priority country	:U.S.A.	Massachusetts 02139 U.S.A.
(86) International Application	:PCT/US2012/057987	(72)Name of Inventor:
No		1)HEFFNER Garrett Collins
Filing Date	:28/09/2012	2)BASSAN Abraham Isaac
(87) International Publication	:WO/2013/049615	
No	.WO/2013/04/013	
(61) Patent of Addition to	:NA	
Application Number		
Filing Date	:NA	
(62) Divisional to Application	.NT A	
Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention provides methods and compositions for improving the efficacy of viral transduction of cells. More particularly the present invention provides methods and materials useful for safely and reliably improving the efficiency of methods for transducing cells such as human hematopoietic stem cells (HSC) with viruses and/or viral vectors. The compositions and methods are useful for therapeutic indications amenable to treatment with hematopoietic stem cell gene therapies.

No. of Pages: 96 No. of Claims: 32

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: SYSTEM AND METHOD FOR IMPROVING ORIENTATION DATA

:G01C17/38,G01C21/16 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)QUALCOMM INCORPORATED :61/554423 (32) Priority Date Address of Applicant :Attn: International IP Administration :01/11/2011 (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/062612 (72)Name of Inventor: Filing Date :30/10/2012 1)KULIK Victor (87) International Publication No :WO 2013/066891 2)AHUJA Disha (61) Patent of Addition to Application 3)PUIG Carlos M. :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Aspects of the disclosure relate to computing device technologies such as systems methods apparatuses and computer readable media for improving orientation data. In some embodiments a magnetic vector filter receives magnetometer data from a magnetometer and gyroscope data from a gyroscope and determines the magnetic vector. In another embodiment a gravity vector filter receives accelerometer data and gyroscope data and determines the gravity vector. Further techniques are described for adjusting filter parameters based at least in part on the detected change in the variability of the first signal parameter. Furthermore orientation may be synchronized to a common sensor input such as a gyroscope.

No. of Pages: 97 No. of Claims: 101

(21) Application No.3061/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: VEHICLE BODY SIDE STRUCTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:01/10/2012 :WO 2013/061514 :NA :NA	(71)Name of Applicant:  1)HONDA MOTOR CO. LTD.  Address of Applicant: 1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan (72)Name of Inventor:  1)MINOWA Tsuyoshi 2)EMURA Masahiko
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

To improve productivity by making it possible to sub assemble an end plate and improve impact absorption properties by increasing the joining strength between members configuring a vehicle body side structure. [Solution] Causing an end plate (40) for sealing an opening on the vehicle body rear side of a closed cross sectional part comprising a side sill inner member (10) and a side sill outer part (28) to contact the rear edge of a side sill reinforcing member (30) joining said end plate (40) to the side sill inner member (10) and the side sill outer part (28) by welding and furthermore affixing said end plate (40) to the rear end of the side sill reinforcing member (30) by fastening with a bolt.

No. of Pages: 36 No. of Claims: 7

(21) Application No.207/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN EXHAUST GAS RECIRCULATION (EGR) SYSTEM

(51) International classification (31) Priority Document No	:NA	(71)Name of Applicant : 1)Bosch Limited
(32) Priority Date (33) Name of priority country	:NA :NA	Address of Applicant :Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)BALAKRISHNAN Sajin 2)GUPTA Siddharth
Filing Date	:NA	2)OULTA Sidulatui
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An exhaust gas recirculation (EGR) system for a vehicle is disclosed. The EGR system comprises a valve body (205). The EGR system is characterized by a linkage assembly (130) in contact with an accelerator pedal (110), a control lever throttle (170) and a rack (140) that is in contact with the EGR valve (105). The linkage assembly (130) is adapted to operate the EGR valve (105).

No. of Pages: 10 No. of Claims: 3

(21) Application No.2438/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :01/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention : METHOD FOR APPLYING BRAZING MATERIAL TO METAL HONEYCOMB MATRIX METAL HONEYCOMB MATRIX AND MANUFACTURING METHOD THEREOF

(51) International classification	:F01N3/28	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BASF CORPORATION
(32) Priority Date	:NA	Address of Applicant :100 Campus Drive Florham Park New
(33) Name of priority country	:NA	Jersey 07932 U.S.A.
(86) International Application No	:PCT/CN2011/079322	(72)Name of Inventor:
Filing Date	:05/09/2011	1)CHU Gengsheng
(87) International Publication No	:WO 2013/033881	2)DENG Shuiping
(61) Patent of Addition to Application	:NA	3)ZHANG Yuqin
Number	:NA	4)LIU Ye
Filing Date	.IVA	5)TAO Weichang
(62) Divisional to Application Number	:NA	6)BARTHOLOMAEUS Peter
Filing Date	:NA	

#### (57) Abstract:

A method for applying brazing material to a metal honeycomb matrix is provided. The method comprises the following steps of: a) applying a brazing material in a paste form i.e. a solder paste (4) to one end face of the metal honeycomb matrix (5); b) distributing the solder paste (4) in the metal honeycomb matrix (5). A metal honeycomb matrix and a method for manufacturing the metal honeycomb matrix are also provided. The metal honeycomb matrix presents the advantages of smaller backpressure better heat resistance and longer service lifetime compared to the same made by the current technologies.

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

(22) Date of filing of Application :02/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: RESOURCE MANAGEMENT FOR ENHANCED PDCCH

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:02/11/2012 :WO 2013/067256 :NA	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: ATTN: International IP Administration  5775 Morehouse Drive San Diego California 92121 1714 U.S.A.  (72)Name of Inventor:  1)CHEN Wanshi  2)GAAL Peter  3)LUO Tao  4)DAMNJANOVIC Jelena
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Certain aspects of the present disclosure provide techniques for managing resources utilized for enhanced physical downlink control channel (PDCCH) transmissions.

No. of Pages: 50 No. of Claims: 76

(22) Date of filing of Application :02/04/2014 (43) Publication Date: 31/07/2015

#### (54) Title of the invention: 2 PYRIDYLOXY 4 NITRILE OREXIN RECEPTOR ANTAGONISTS

(51) International :C07D401/14,C07D409/14,C07D413/14

classification

(31) Priority Document

:61/548883

(32) Priority Date :19/10/2011 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2012/060479 Application No :17/10/2012

Filing Date

(87) International :WO 2013/059222 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 SHARP & DOHME CORP.

Address of Applicant: 126 East Lincoln Avenue Rahway New

Jersey 07065 0907 U.S.A. (72) Name of Inventor:

1)KUDUK Scott D.

2)SKUDLAREK Jason W.

#### (57) Abstract:

The present invention is directed to 2 pyridyloxy 4 nitrile compounds which are antagonists of orexin receptors. The present invention is also directed to uses of the 2 pyridyl oxy 4 nitrile compounds described herein in the treatment or prevention of neurological and psychiatric disorders and diseases in which orextn receptors are involved. The present invention is also directed to pharmaceutical compositions comprising these compounds. The present invention is also directed to uses of these pharmaceutical compositions in the prevention or treatment of such diseases in which orexin receptors are involved.

No. of Pages: 59 No. of Claims: 16

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention : SYSTEMS AND METHODS FOR THE DEMAND DRIVEN DEPLOYMENT OF LOCATION NEUTRAL SOFTWARE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:19/09/2012 :WO 2013/043665 :NA :NA :NA	(71)Name of Applicant:  1)AETHERWORKS LLC  Address of Applicant:501 Fifth Avenue Suite 1803 New York NY 10017 U.S.A. (72)Name of Inventor:  1)MACINNIS Robert Francis
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Techniques for providing and consuming web services including a service library configured to store one or more web services and a host directory connected to service hosts configured to store data related to the service hosts. The service hosts are a network and adapted to receive and fulfill deployment requests for the web services stored in the service library by instantiating one or more endpoints of one of the web services. A manager is configured to query the host directory and the service library generate a deployment plan and transmit deployment requests to the one or more service hosts.

No. of Pages: 44 No. of Claims: 31

(22) Date of filing of Application :23/04/2014 (43) Publication Date: 31/07/2015

#### (54) Title of the invention: SINGLE LAYER FLEXIBLE FOAM INCLUDING POLYURETHANE GEL

(51) International :C08J9/35,C08L75/04,C08G101/00

classification (31) Priority Document No :61/626394

(32) Priority Date :26/09/2011 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2012/057304

:26/09/2012

Filing Date (87) International Publication :WO 2013/049181

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)BASF SE

Address of Applicant: 67056 Ludwigshafen Germany

(72) Name of Inventor:

1)SMIECINSKI Theodore M.

## (57) Abstract:

A single layer flexible foam includes the reaction product of an (A) isocyanate component and a (B) isocyanate reactive component. The isocyanate component and the isocyanate reactive component react in the presence of a (C) polyurethane gel. The polyurethane gel has a viscosity of from about 3 000 to about 12 000 cps at 25°C and includes the reaction product of a polyol component and a second isocyanate component which react at an isocyanate index of from about 10 to about 70. The flexible foam also includes a plurality of agglomerated gel substrates that are formed from the polyurethane gel and that are dispersed in the flexible foam. The flexible foam is formed using a method including the steps of providing (A) providing (B) providing (C) and combining (C) with (A) and (B) such that (A) and (B) react in the presence of (C) to form the flexible foam.

No. of Pages: 33 No. of Claims: 26

(21) Application No.215/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/01/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention : METHOD AND SYSTEM FOR RESOURCE OPTIMIZED, COARSE AND FINE GRAINED LOCATION TRACKING FOR PLANNED JOURNEY

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:G01C :NA :NA :NA	(71)Name of Applicant:  1)Accenture Global Services Limited Address of Applicant: 3 Grand Canal Plaza, Grand Canal Street Upper, Dublin 4, IRELAND
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)KUNTAGOD, Nataraj
(87) International Publication No	: NA	2)PAUL, Sanjoy
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)KUMARESAN, Senthil
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Methods and systems for resource optimized, coarse and fine grained location tracking for planned journey are disclosed. A method for tracking a mobile device with respect to a point of interest (POI) using a mobile location tracker includes a conserve mode in which the mobile location tracker is turned off. The conserve mode comprises determining, by an analyzer module, whether to assess an estimated time to arrive (ETA) at the POI. If determined to assess the ETA, the conserve mode comprises performing an ETA assess operation comprising receiving the ETA; and if the ETA is not greater than a threshold time, switching from the conserve mode to an active mode, wherein in the active mode the mobile location tracker is turned on. It is determined to assess the ETA if a timer measurement is not less than the reassess time or if a trigger to reassess is received.

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

(21) Application No.215/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :18/01/2014 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: METHOD AND SYSTEM FOR PARKING FEE MANAGEMENT

		(71) Name of Applicant
<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>		Address of Applicant :MOBME WIRELESS SOLUTIONS PVT. LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA
(33) Name of priority country (86) International Application No		SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN- 682018, KERALA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)GOPALKRISHNAN, SREEKANTH SWARNAM 2)PARAKAL, DAVIS DOMINIC
Filing Date	:NA	3)MICHAEL, BINOY PRAKASH
(62) Divisional to Application Number Filing Date	:NA :NA	4)GOPAL, VISHNU 5)VIJAYKUMAR, SANJAY 6)SANKAR, ANOOP

#### (57) Abstract:

The present invention provides a method and a system for facilitating payment of parking fee of a vehicle parked in a parking lot using a vehicle utility device. The method and system includes receiving an identity of a parking slot and a timestamp upon the vehicle parking in the parking slot. The parking slot is situated in the parking lot. Further, the method and system includes generating an identification code. The identification code comprises the received identity of the parking slot, the received timestamp and an identifier associated with the vehicle. Furthermore, the method and system includes sending the identification code to a mobile device of a user associated with the vehicle utility device. In addition, the method and system includes obtaining a verification response from the mobile device. The verification response includes a verification code.

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

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: GAS STOVE AND CONNECTING CABLE SAFETY LOCK HOLDER

(51) International classification	:F24C3/12	(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, SASTHA NAGAR, ANAVATHIL, MATTANCHERRY,
(86) International Application No	:NA	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:

This method with hard rubber material, or plastic, or fiber, or metal, aluminum, Indalium, copper, steel or other metal mixed materials, or acrylic, come under this invention 2) For the purpose of this same method, rubber holder any metal, attached to the cable, clinching with a free bolt to the connecting point of the stove similar to Hot water heater connecting cable in metal or any other material come under this invention,

No. of Pages: 3 No. of Claims: 4

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention : METHODS DEVICES AND SYSTEMS FOR DETECTING RETURN ORIENTED PROGRAMMING EXPLOITS

(51) International classification	:G06F21/52	(71)Name of Applicant :
(31) Priority Document No	:13/290932	1)QUALCOMM INCORPORATED
(32) Priority Date	:07/11/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2012/063953	(72)Name of Inventor:
Filing Date	:07/11/2012	1)KOMAROMY Daniel
(87) International Publication No	:WO 2013/070773	2)GANTMAN Alex
(61) Patent of Addition to Application	:NA	3)ROSENBERG Brian M.
Number	:NA	4)BALAKRISHNAN Arun
Filing Date	.IVA	5)GE Renwei
(62) Divisional to Application Number	:NA	6)ROSE Gregory G.
Filing Date	:NA	7)PALANIGOUNDER Anand

#### (57) Abstract:

Methods devices and systems for detecting return oriented programming (ROP) exploits are disclosed. A system includes a processor a main memory and a cache memory. A cache monitor develops an instruction loading profile by monitoring accesses to cached instructions found in the cache memory and misses to instructions not currently in the cache memory. A remedial action unit terminates execution of one or more of the valid code sequences if the instruction loading profile is indicative of execution of an ROP exploit involving one or more valid code sequences. The instruction loading profile may be a hit/miss ratio derived from monitoring cache hits relative to cache misses. The ROP exploits may include code snippets that each include an executable instruction and a return instruction from valid code sequences.

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

(22) Date of filing of Application :13/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention : LED LIGHTING DEVICE COOLED BY A FAN AND A HEAT DISSIPATING UNIT WITH ARC SHAPED FINS

(51) International :F21V29/02,F21Y101/02,F21K99/00

classification .1 21 v 25/02,1 21 1 101/02,1 21

(31) Priority Document No :PCT/CN2010/075820 (32) Priority Date :09/08/2010

(33) Name of priority

country :China

(86) International :PCT/IB2011/053409
Application No

Filing Date :01/08/2011

(87) International Publication No :WO 2012/020350

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

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

(71)Name of Applicant:

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :Groenewoudseweg 1 NL 5621 BA

Eindhoven Netherlands (72)Name of Inventor:

1)XUE Jian

2)SUN Yanmeng 3)YAVUZ Melike

## (57) Abstract:

The invention provides a lighting device comprising a light source unit (50) a ventilator unit (30) and a heat dissipating unit (40) wherein the heat dissipating unit comprises a main body (400) having a first surface (401) and a second surface (402) at least one first aperture (403) at least one second aperture (404) and a first set of fins (405) attached to the second surface. The at least one first aperture is formed by perforating the first surface and the second surface and the at least one second aperture is located around the at least one first aperture at a distance therefrom. At least one fin is configured in arc shape extending from the first aperture toward the second aperture and the ventilator unit is positioned to cover at least part of the fins. Thus the heat dissipating efficiency is improved because a greater airflow passes through the heat dissipating unit due to a high flow speed resulting from the low resistance.

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

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SMART ANTI FUEL THEFT INSTRUMENT (SAFTI)

		(71) Nome of Applicant.
		(71)Name of Applicant:
		1)DR. V.A. NAGARAJAN
		Address of Applicant :HEAD, DEPARTMENT OF
		MECHANICAL ENGINEERING UNIVERSITY COLLEGE OF
(51) International classification	:G08B29/00	ENGINEERING, NAGERCOIL, KONAM - 629 004 Kerala India
(31) Priority Document No	:NA	2)DR. K.P. VINOTHKUMAR
(32) Priority Date	:NA	3)MR. B.C. ANISH KRISHNAN NAYAR
(33) Name of priority country	:NA	4)MR. S.S. VENKAT RAMANAN
(86) International Application No	:NA	5)MR. S. AJITH KUMAR
Filing Date	:NA	6)MR. S. STRITHER
(87) International Publication No	: NA	7)MR. M. SIVA RAMA KRISHNAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. V.A. NAGARAJAN
(62) Divisional to Application Number	:NA	2)DR. K.P. VINOTH KUMAR
Filing Date	:NA	3)MR. B.C. ANISH KRISHNAN NAYAR
		4)MR. S.S. VENKAT RAMANAN
		5)MR. S. AJITH KUMAR
		6)MR. S. STRITHER
		7)MR. M. SIVA RAMA KRISHNAN

#### (57) Abstract:

The production of automobile vehicles is going on increasing day by day. In 2010 the production of automobiles vehicles is 3, 45,000 this includes all two, three, four wheeler s and heavy-duty vehiclesIn 2011 the production is increased 14.5% comparing to 2010.the total automobile vehicles is more than 70 crores in India .But India dont have efficient fuel for this much of vehicles. Fossil oil and natural gas meet 40% of Indias energy needs and about 80% of petroleum products are imported annually to meet the growing demand. With one-sixth of the worlds population, Indias per capita energy consumption is estimated at 530 kg of oil equivalent (kgoe) which is significantly lower than the global average of 1800 kgoe. Per capita energy consumption in the worlds most populous country and an emerging economy like China was 1430 kgoe in 2006, while that in another emerging economy, Brazil it was 1180 kgoe. In developed countries like US the per capita energy consumption was 7740 kgoe in 2006, while that in UK it was 3820 kgoe and in Japan it was 4130 kgoe. All over the world people are not getting correct fuel for the money. This is known by all...! And it is proved truth too...! All are getting 950ml instead of 1000ml in most of the bunks. Thefting 50ml per litter to all innocent people in India .But no one cant able to find that. Because the technology is favor for them. But according to my idea smart Anti fuel theft instrument (SAFTI) can stop this theft very easily. It can used in all automobile vehicles.

No. of Pages: 7 No. of Claims: 4

(21) Application No.3069/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHODS AND APPARATUS FOR UNSUPERVISED NEURAL REPLAY LEARNING REFINEMENT ASSOCIATION AND MEMORY TRANSFER: NEURAL COMPONENT MEMORY TRANSFER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:13/292175 :09/11/2011 :U.S.A.	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International Ip Administration  5775 Morehouse Drive San Diego California 92121 U.S.A.  (72)Name of Inventor:  1)HUNZINGER Jason Frank  2)CHAN Victor Hokkiu
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Certain aspects of the present disclosure support techniques for unsupervised neural replay learning refinement association and memory transfer.

No. of Pages: 161 No. of Claims: 55

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention : METHOD OF ANONYMOUSLY REPORTING MINIMIZATION OF DRIVE TEST MEASUREMENTS

(51) International classification:H04W24/00,H04W8/(31) Priority Document No:201110304850.7(32) Priority Date:29/09/2011(33) Name of priority country:China

(86) International Application No :PCT/KR2012/007966 Filing Date :28/09/2012

(87) International Publication No :WO 2013/048215

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

:H04W24/00,H04W8/20 (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)WANG Hong

2)XU Lixiang

#### (57) Abstract:

The present invention provides a method of anonymously reporting minimization of drive test (MDT) measurements. According to the method a mobility management entity (MME) obtains MDT data anonymity configuration which indicates whether MDT measurements are to be reported anonymously at a type allocation code (TAC) level; sends a TAC of a UE to a trace collection entity (TCE) if the MDT data anonymity configuration indicates MDT measurements are to be reported anonymously at the TAC level; sends an international mobile subscriber identification (IMSI) or an international mobile equipment identity and software version (IMEISV) of the UE to the TCE if the MDT data anonymity configuration indicates other information e.g. Trace is adopted for anonymously reporting MDT measurements. The present invention enables an MME to send different identities of a UE to the TCE according to different requirements for anonymity to implement anonymous reporting of MDT measurements.

No. of Pages: 33 No. of Claims: 17

(22) Date of filing of Application:19/02/2013 (43) Publication Date: 31/07/2015

(54) Title of the invention: HERBICIDAL COMPOSITIONS

(51) International :A01N25/28,A01N25/02,A01N43/40

classification (31) Priority Document No :1013799.0 (32) Priority Date :17/08/2010

(33) Name of priority :U.K.

country

(86) International :PCT/CN2011/078475 Application No

:16/08/2011 Filing Date

(87) International

:WO 2012/022254 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)ROTAM AGROCHEM INTERNATIONAL CO. LTD Address of Applicant :7/F Cheung Tat Centre 18 Cheung Lee

Street Chai Wan Hong Kong China

(21) Application No.1334/CHENP/2013 A

(72)Name of Inventor:

1)BRISTOW James Timothy

#### (57) Abstract:

(19) INDIA

A herbicidal composition is provided the composition comprising an aqueous suspension of microcapsules the microcapsules having a capsule wall of a porous 5 condensate polymer wherein the microcapsules contain a solution of fluroxypyr in a rosin solvent system comprising rosin and/or a rosin derivative. There is also provided a herbicidal composition comprising microcapsules the microcapsules having a capsule wall of a porous condensate polymer wherein the microcapsules contain fluroxypyr and a solvent comprising rosin and/or a rosin derivative. A method of preparing a herbicidal composition is also disclosed the method comprising the steps of providing a water immiscible phase comprising fluroxypyr and an isocyanate dissolved in a rosin solvent system comprising rosin and/or a rosin derivative; providing an aqueous phase comprising one or more surfactants; combining the water immiscible phase and the aqueous phase to form a dispersion of the water immiscible phase in the aqueous phase; adding to the resulting dispersion an amine thereby forming microcapsules of polyurea containing droplets of the water immiscible phase; and curing the microcapsules.

No. of Pages: 20 No. of Claims: 23

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DEVICES AND METHODS FOR FACILITATING ACCESS PROBE SEQUENCES

(51) International classification :H04W52/22,H
(31) Priority Document No :61/561638
(32) Priority Date :18/11/2011
(33) Name of priority country :U.S.A.

(86) International Application No
Filing Date

PCT/US2012/065728

:18/11/2012

(87) International Publication No :WO 2013/075063

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

:H04W52/22,H04W52/28 (71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor: 1)CHERIAN George

2)WANG Jun

### (57) Abstract:

Access terminals are adapted to transmit a plurality of previously successful access probes to a network node and determine an initial transmission power level for subsequent access attempts. The initial transmission power level can be determined based at least in part on one or more parameters associated with the plurality of previously successful access probes. An initial access probe of a subsequent access attempt can then be transmitted at the determined initial transmission power level. Network nodes that receive the one or more access probes from access terminals can send a message instructing the access terminals to employ a particular initial transmission power level for a subsequent access attempt. Other aspects embodiments and features are also included.

No. of Pages: 37 No. of Claims: 31

(21) Application No.3167/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention : DISCOVERING AN EVOLVED MULTICAST BROADCAST MULTIMEDIA SERVICE IN SINGLE OR DUAL BAND LTE

(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 (33) Name of priority country EV.S.A. (28/10/2011 (20/2012) (21/2012) (21/2012) (21/2013/062914 (21/2012) (21	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International IP Administration  5775 Morehouse Drive San Diego California 92121 1714 U.S.A.  (72)Name of Inventor:  1)WANG Jun  2)BALASUBRAMANIAN Srinivasan  3)GARAVAGLIA Andrea  4)SHAUH Jack S.  5)SWAMINATHAN Arvind  6)WALKER Gordon Kent  7)ZEILINGOLD Daphna  8)ZHANG Xiaoxia  9)LEE Kuo Chun
--	--

## (57) Abstract:

A method an apparatus and a computer program product for wireless communication are provided. The apparatus monitors a page during a current paging cycle on a first frequency. In addition the apparatus switches to a second frequency after the current paging cycle to receive multicast/broadcast information on the second frequency. Furthermore the apparatus attempts to receive the multicast/broadcast information on the second frequency before a predetermined time.

No. of Pages: 55 No. of Claims: 46

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ROLLING STAND FOR TUBES OR ROUNDS

(51) International classification	:B21B27/02	(71)Name of Applicant:
(31) Priority Document No	:MI2011A001754	1)DANIELI & C. OFFICINE MECCANICHE S.P.A.
(32) Priority Date	:29/09/2011	Address of Applicant :Via Nazionale 41 I 33042 Buttrio Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/069175	1)CERNUSCHI Ettore
Filing Date	:28/09/2012	2)LACAPRUCCIA Fabio
(87) International Publication No	:WO 2013/045604	3)BAZZARO Gianluca
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	·IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A rolling stand for tubes or rounds comprising two or more rolls (10 20 30) defining a rolling section of the rolling stand that is coaxial to a rolling axis Y of the same stand each roll having a respective rolling surface (S1) defining a respective straight line of symmetry (B) passing through the rolling axis and through the center of symmetry of the respective surface thus determining a first half and a second half of the respective surface two gap zones having a radial distance of value H2 from the rolling axis and a groove bottom zone (1) having a radial distance of value H1 from the rolling axis at the intersecting point of the respective surface with the respective straight line of symmetry characterized in that it provides for each roll on said respective rolling surface at least one first pushing zone (2) and at least one second pushing zone (3).

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

(22) Date of filing of Application :18/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: IRON FEATURING LIQUID PHASE GARMENT MOISTURIZATION VIA SOLEPLATE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:D06F75/22 :10172590.1 :12/08/2010 :EPO :PCT/IB2011/053414 :01/08/2011 :WO 2012/020352 :NA :NA	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: Groenewoudseweg 1 NL 5621 BA Eindhoven Netherlands (72)Name of Inventor: 1)DE VRIES Johannes Hotze Bernhard 2)TAMMINGA Stephanus Jacob Gerardus 3)DUINEVELD Paulus Cornelis 4)VIET Peter Sofrides 5)SETAYESH Sepas
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An iron (1) comprising: a water reservoir (16) configured to hold liquid water; a heatable soleplate (20); at least one water outlet opening (24); a water atomization and distribution unit (30) configured to atomize water from the water reservoir and to distribute the atomized water to the at least one water outlet opening; at least one sensor (40 42) configured to monitor at least one motion dependent variable of the iron and to generate a reference signal reflecting said variable; a control unit (50) operatively connected to both the water atomization and distribution unit (30) and the at least one sensor (40 42) and configured to control a water outflow rate of the at least one water outlet opening (24) by controlling the operation of the water atomization and distribution unit in dependence of the reference signal generated by the at least one sensor.

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

(21) Application No.241/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: APPAREL HAVING A SELF EMBOSSED DESIGN

(51) International alassification	· A 41D	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)K. SIVAKUMAR
(32) Priority Date	:NA	Address of Applicant :125, USMAN ROAD,
(33) Name of priority country	:NA	THEYAGARAYA NAGAR, CHENNAI, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)K. SIVAKUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to an apparel having a self embossed design comprising a plurality of recessed portions and protruded portions of the fabric wherein the selected design and/or motif are embossed on the protruded portion of the fabric and the recessed portion consists preferably the plain fabric without the embossed effect. The apparel having a self embossed design wherein the selected design and/or motif are embossed on at least one side of the apparel. The apparel having a self embossed design wherein the self embossed design on the apparel consists of one or more fabric alone and/or in combination with one or more thread colour.

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

(22) Date of filing of Application :02/07/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: INVERTER DEVICE AND ELECTRIC MOTOR DRIVE SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:H02P :2011-	(71)Name of Applicant: 1)KABUSHIKI KAISHA YASKAWA DENKI
(32) Priority Date	148479 :04/07/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(33) Name of priority country	:Japan	0004 Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ZHENNING CHEN
(87) International Publication No	: NA	2)TOMOHIRO KAWACHI
(61) Patent of Addition to Application Number	:NA	3)MITSUNORI KUZUSHIMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An inverter device according to an embodiment includes a constant power controller. The constant power controller computes and outputs, when a value of a voltage reference to an AC motor exceeds a predetermined threshold value, a d-axis current reference correction value on the basis of the value of the voltage reference and the predetermined threshold value- Moreover, the constant power controller generates the d-axis current reference correction value by using a constant power model determined by a torque reference or a speed reference and a supplied direct voltage at an output switching timing determined based on a winding switching signal and outputs the d-axis current reference correction value for a predetermined time.

No. of Pages: 54 No. of Claims: 6

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MULTI BAND TRANSMIT ANTENNA

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:H04B5/00 :61/560176 :15/11/2011 :U.S.A. :PCT/US2012/064850 :13/11/2012 :WO 2013/074533 :NA :NA	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. (72)Name of Inventor:  1)KASTURI Sreenivas 2)LOW Zhen Ning
(61) Patent of Addition to Application		,
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

This disclosure provides systems methods and apparatus for tuning a transmit antenna for operation in a plurality of frequency bands. In one aspect a transmitting antenna system is provided. The transmitting antenna system includes an active transmit antenna and a tunable passive antenna. The active antenna is configured to transmit a field over a plurality of operating frequencies. The passive antenna is configured to transmit a field over at least two frequencies of the plurality of operating frequencies. In one aspect the tunable passive antenna includes a network of a plurality of reactive elements. In another aspect the plurality of operating frequencies is selected from a set including a charging frequency an NFC frequency and a communication frequency.

No. of Pages: 38 No. of Claims: 31

(21) Application No.2520/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43)

(43) Publication Date: 31/07/2015

## (54) Title of the invention : PROCESS FOR DRY COOLING OF COKE WITH CARBON DIOXIDE WITH SUBSEQUENT USE OF THE CARBON MONOXIDE PRODUCED

#### (57) Abstract:

The invention relates to a process for dry cooling of coke with carbon dioxide with subsequent use of the carbon monoxide produced in which the coal is cyclically converted to coke and the coke after the coking oven has been unloaded is introduced into a cooling apparatus and carbon dioxide is introduced in the cooling apparatus for dry cooling such that a Boudouard reaction gives rise to carbon monoxide and the carbon monoxide produced is used to heat the coking oven. The process allows utilization of the heat which arises in the course of coking for production of carbon monoxide which in turn is used in the heating such that a very balanced heat budget of the overall process can be achieved overall.

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

(21) Application No.2521/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: EDGE WEAR COMPONENTS FOR ROLLER PRESSES

(51) International classification: B02C4/30,B02C7/12,B02C13/28 (71) Name of Applicant: 1)FLSMIDTH A/S (31) Priority Document No :61/545046 (32) Priority Date :07/10/2011 Address of Applicant: 77 Vigerslev Alle DK 2500 Valby (33) Name of priority country :U.S.A. Denmark (86) International Application (72) Name of Inventor: :PCT/US2012/059108 No 1)POWNELL Edward James :05/10/2012 Filing Date (87) International Publication :WO 2013/052902 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

A roller press having an improved edge wear assembly is disclosed. The roller press comprises a roller [200] having an axis [203]. The roller [200] comprises an outer surface [205] containing one or more wear inserts [280] and an annular abutment surface [207] proximate an end of the outer surface [205]. The annular abutment surface [207] extends generally transversely with respect to the outer surface [205] of the roller [200]. A plurality of wear components [211] extend from the abutment surface [207] in a direction generally parallel to the axis [203] of the roller [200] wherein at least two of the wear components [211] are circumferentially interlocked with one another so as to resist axial and/or radial pull off forces as material flows between other wear inserts [280] located on the roller [200]. Fasteners [230] are received by receiving portions [215] in and secure the wear components [211] to the abutment surface [207] of the roller [200].

No. of Pages: 31 No. of Claims: 20

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE

(51) International :F02B37/22,F02B37/00,F02D21/08

classification .F02B37/22,F02B37/00,F02D2170

(31) Priority Document No :2012011670 (32) Priority Date :24/01/2012 (33) Name of priority country :Japan

(86) International Application PCT (192012/0740

(86) International Application :PCT/JP2012/074873

Filing Date :27/09/2012

(87) International Publication :WO 2013/111385

(61) Patent of Addition to

Application Number :NA

Application Number Filing Date :NA

(62) Divisional to Application
Number
Filing Date
:NA

(57) Abstract:

(71)Name of Applicant:

1)MITSUBISHI HEAVY INDUSTRIES LTD.

Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo

1088215 Japan

(72)Name of Inventor: 1)TAKAYANAGI Ko

The present invention relates to a control apparatus for an internal combustion engine which implements coordinated control of the quantity of EGR gas supplied by an exhaust gas recirculation (EGR) apparatus and the quantity of supercharging by a supercharger equipped with a variable flow rate mechanism. In particular the control apparatus is characterized in being provided with: a state quantity estimation section (77) that calculates the excess oxygen factor in the cylinders on the basis of the operation state of the internal combustion engine; and a switching means (81) for switching the opening angle commands for the opening angle of the EGR valve and the opening angle of the variable flow rate mechanism of the supercharger when the internal combustion engine is determined to be in a state of transition on the basis of the excess oxygen factor such that the opening angles of the EGR valve and the variable flow rate mechanism are smaller than normal.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: SYSTEM AND METHOD FOR LICENSE VERIFICATION OF A MOBILE APPLICATION

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :N	1)M Ac LTD., NEAF KERA (72)N 1)G 2)TI 3)A 4)M 5)G 6)SA	ame of Applicant: IOBME WIRELESS SOLUTIONS LTD Iddress of Applicant: MOBME WIRELESS SOLUTIONS 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE, IT TOWN HALL, KACHERIPPADY, COCHIN-682018, ILA, INDIA I
---	--	--

## (57) Abstract:

The present invention provides a method for granting permission to use a software product on a mobile device associated with a user, the method includes sending a first serial key to the mobile device associated with the user. In addition, the method includes receiving identity information of the mobile device, wherein the identity information is sent by the mobile device on the user entering the first serial key on the mobile device. In addition, the method includes comparing the received identity information of the mobile device with a plurality of identity information of a plurality of mobile devices stored. In addition, the method includes sending a second serial key on detecting originality, wherein the second serial key is for granting permission to use the software product on the mobile device of the user.

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

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 31/07/2015

## (54) Title of the invention : MRI COIL ASSEMBLY WITH A RADIO FREQUENCY SHIELD SWITCHABLE BETWEEN A BLOCKING STATE AND A TRANSPARENT STATE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:03/10/2012 :WO 2013/057612 :NA :NA	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS N.V.  Address of Applicant: High Tech Campus 5 NL 5621 BA Eindhoven Netherlands (72)Name of Inventor:  1)LEUSSLER Christoph 2)WIRTZ Daniel
Filing Date	:NA	

#### (57) Abstract:

The invention provides for a magnetic resonance imaging system (300 400) for acquiring magnetic resonance data (342). The magnetic resonance imaging system comprises a coil assembly (319) configured for radiating and/or receiving radio frequency energy from an imaging zone. The coil assembly has a first surface (315) configured for being directed towards the imaging zone and comprises at least one coil element (317). The coil assembly further comprises a radio frequency shield (319) switchable between an RF blocking state (804) and an RF transparent state (802). The at least one coil element is between the first surface and the radio frequency shield. The switchable radio frequency shield comprises at least two conductive elements (322). The radio frequency shield comprises at least one radio frequency switch (324) configured for electrically connecting the at least two conductive elements in the blocking state and disconnecting the at least two conductive elements in the transparent state.

No. of Pages: 52 No. of Claims: 15

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: CONTENT SPECIFIC RING TONES FOR CLINICIAN ALERTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:05/10/2012 :WO 2013/057615 :NA :NA	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS N.V. Address of Applicant: High Tech Campus 5 NL 5656 AE Eindhoven Netherlands (72)Name of Inventor: 1)SOOMRO Amjad
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A system for alterting heathcare practitioners (20) includes a plurality of receiving devices (10) and a sending station (30). Each of the plurality of receiving device is associated with a corresponding healthcare practitioner. The receiving device (10) includes a user alerting device (120) a receiver (110) and circuitry (160). The user alerting device (120) alerts the practitioner to a received message with one of a plurality of types of alerts. The receiver (110) receives the incoming messages. The circuitry (160) causes the user alerting device to alert the practitioner to an incoming message with one of the plurality of types of alerts. The sending station (30) sends the messages carrying healthcare information of one of a plurality of preselected types of healthcare significants to a selected one or more of the receiving devices each message corresponding to a selected one of the types of alerts such that the receiving device alerts the practitioner to receiving the message with the selected type of alerts.

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

(21) Application No.302/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN EARTHING SYSTEM FOR A VEHICLE

(51) International classification	:H01R	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NISSAN MOTOR CO., LTD
(32) Priority Date	:NA	Address of Applicant :2, Takara-cho, Kanagawa-ku,
(33) Name of priority country	:NA	Yokohama-shi, Kanagawa, 2210023 Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)CHANDRASEKARAN, Dinesh Jayaraj
(87) International Publication No	: NA	2)LUCAS, Sebastin
(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 present subject matter relates to an earthing system (100) for a vehicle. In one implementation, the earthing system (100) includes at least one electronic component (102), where the at least one electronic component (102) is electrically coupled to a common point to form a first joint (108). Further, the earthing system (100) includes a first earthing stud (112) mounted on chassis of the vehicle for earthing the at least one electronic component (102) by connecting the first joint (108) to the first earthing stud (112).

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

### (54) Title of the invention: SYSTEM AND METHOD FOR TRANSITION OF NETWORK IN MOBILE DEVICE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :N Filing Date :N	BB 1)MG Ad LTD., NEAR KERA (72)Na 1)GG 2)TE 3)AE 4)MI 5)GG 6)SA	ame of Applicant: OBME WIRELESS SOLUTIONS LTD dress of Applicant: MOBME WIRELESS SOLUTIONS 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE, TOWN HALL, KACHERIPPADY, COCHIN-682018, LA, INDIA ame of Inventor: OPALAKRISHNAN, SREEKANTH SWARNAM HOMAS, ABE SAM KHIL S. ICHAEL, BINOY PRAKASH OPAL, VISHNU NKAR, ANOOP JAYKUMAR, SANJAY
--	---	--

#### (57) Abstract:

The present invention provides a system and method for establishing a Wi-Fi connection between a mobile device and a wireless router. The system and method includes polling a plurality of mobile devices to identify the mobile device in proximity to the wireless router, sending a message to the mobile device, receiving a mobile identity of a user via the wireless router, creating a wireless LAN session associated with the mobile identity of the user, and establishing the WI-Fi connection between the mobile device and the wireless router. The plurality of mobile devices accesses Internet in via a mobile telephony system. The message sent to the mobile device includes a uniform resource locator (URL) to access the wireless router. The mobile identity is received via the wireless router on the user accessing the URL on the mobile device.

No. of Pages: 29 No. of Claims: 8

(21) Application No.10350/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR PROVIDING DYNAMIC ORIGINATION-BASED ROUTING KEY REGISTRATION IN A DIAMETER NETWORK

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:H04L 12/28, H04L 29/02, H04L 9/32 :61/355,002 :15/06/2010 :U.S.A.	(71)Name of Applicant:  1)Tekelec Inc.  Address of Applicant:5200 Paramount Parkway Morrisville  NC 27560 USA (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/US2011/040525 :15/06/2011	1)KANODE Mark Edward 2)MARSICO Peter Joseph
(87) International Publication No	: NA	2)//IIII/SICO I etci doseph
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Methods systems and computer readable media for providing dynamic origination-based routing key registration in a DIAMETER network are disclosed. According to one method origin-based routing information is received at a first DIAMETER node from a second DIAMETER node. The origin-based routing information specifies one or more sources such that traffic originating from one of the one or more sources should be routed to the second DIAMETER node. A routing rule is automatically generated at he first DIAMETER node based on the received origin-based routing information.

No. of Pages: 31 No. of Claims: 27

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention : CLUTCH SERVO ASSEMBLY, CLUTCH ACTUATION SYSTEM, METHOD OF ADJUSTING A CLUTCH SERVO ASSEMBLY

(51) International classification	:F16D25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WABCO INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO 3 (SP), THIRD MAIN
(33) Name of priority country	:NA	ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI - 600
(86) International Application No	:NA	058 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SREENIVISAN NARAYANAN
(61) Patent of Addition to Application Number	:NA	2)A R MOHAN SUNDAR RAO
Filing Date	:NA	3)VEMEREDDY PRAVEEN KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a clutch servo assembly comprising: - a hydraulic body (1) assembled to a pneumatic body (2), - a hydraulic rod (3) movable inside the hydraulic body (1) and the pneumatic body (2) upon application of a hydraulic pressure in the hydraulic body (1), - a pneumatic pilot valve (4), wherein the pneumatic pilot valve (4) comprises: a hydraulic piston (10), and at least one piston return spring, wherein - application of a hydraulic pressure (pH) in the hydraulic body (1) is adapted to actuate the hydraulic rod (3) and to actuate the hydraulic piston (10) under a pre¬ set spring load of at least one piston return spring, and wherein the pneumatic pilot valve (4) upon actuation is adapted to control an pneumatic pressure (pA) in the pneumatic body (2), and wherein - a specific hydraulic pressure (pH) defines a pilot valve opening pressure for a given pneumatic pressure (pA) in the pneumatic pilot valve (4) when the pneumatic pilot valve is actuated by the specific hydraulic pressure. According to the invention, the clutch servo is characterized in that - a spring load of the at least one piston return spring is variably pre-settable by means of a mechanical adjustment fixture such that the pneumatic pilot valve (4) is adapted to receive a variable pilot valve opening pressure (pOI, pOII).

No. of Pages: 36 No. of Claims: 17

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: WATER TREATMENT UNIT AND WATER PURIFIER EQUIPPED WITH THE SAME

(51) International classification :C02F1/50,C02F1/28,C02F1/44 (71)Name of Applicant : (31) Priority Document No 1)MITSUBISHI RAYON CLEANSUI COMPANY :2012018458 (32) Priority Date :31/01/2012 LIMITED (33) Name of priority country Address of Applicant: 14 1 Nihonbashi Koamicho Chuo ku :Japan Tokyo 1030016 Japan (86) International Application No :PCT/JP2013/052165 (72) Name of Inventor: Filing Date :31/01/2013 (87) International Publication No :WO 2013/115304 1)TAKEDA Hatsumi (61) Patent of Addition to 2)DOI Tsuyoshi :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract:

A water treatment device and a water purifying device provided with said water treatment device. The water treatment device which is provided with a flow channel and a treatment material disposed in said flow channel and comprising a disinfecting sterilizing agent obtained from a water soluble solid and which supplies the water to be treated from the upstream side of the treatment material to elute the disinfecting sterilizing agent into the water being treated and obtain disinfected sterilized water is provided with a valve means for closing the flow channel when due to the elution the remaining amount of treatment material becomes zero or when the remaining amount of treatment material decreases to a prescribed value prior to becoming zero.

No. of Pages: 32 No. of Claims: 10

(21) Application No.3424/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :16/06/2009 (43) Publication Date : 31/07/2015

## (54) Title of the invention: BID OPTIMIZATION IN SEARCH ENGINE MARKETING

(51) International classification	:G06Q 30/00	(71)Name of Applicant:
(31) Priority Document No	:11/609,782	1)YAHOO! INC.
(32) Priority Date	:12/12/2006	Address of Applicant :#701 FIRST AVENUE,
(33) Name of priority country	:U.S.A.	SUNNYVALE, CALIFORNIA 94089 U.S.A.
(86) International Application No	:PCT/US2007/086775	(72)Name of Inventor:
Filing Date	:07/12/2007	1)PAVEL BERKHIM
(87) International Publication No	:(WO 2008/073821)	2)USAMA M. FAYYAD
(61) Patent of Addition to Application	:NA	3)SCOTT GAFFNEY
Number	:NA	4)BASSEL OJJEH
Filing Date	.11/1	5)PAREKH RAJESH GIRISH
(62) Divisional to Application Number	:NA	6)ANDREW TOMKINS
Filing Date	:NA	

## (57) Abstract:

Methods and apparatus are described for optimally allocating an online advertising budget for a search engine marketing (SEM) campaign among a fixed set of keywords.

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

(22) Date of filing of Application :09/06/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: ESTER CARBONATE POLYOLS FOR HYDROLITICALLY STABLE ADHESIVES

(51) International :C08G18/10,C08G18/12,C08G18/40

classification

(31) Priority Document No :MI2011A002260 (32) Priority Date :14/12/2011

(33) Name of priority country: Italy

(86) International :PCT/EP2012/074313

Application No :04/12/2012 Filing Date

(87) International Publication :WO 2013/087449

(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)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland Michigan

48674 U.S.A.

2) ROHM AND HAAS COMPANY

(72)Name of Inventor: 1)BERTOLONE Viviano 2) RUBULOTTA Orazio 3)SINGH Harpreet

4)JIMENEZ Jorge 5)HEATH William H.

6)SINGH Amarnath

7)KOONCE William A.

#### (57) Abstract:

A two component curable ahesive or sealant composition is provided. The first component may comprise a mixture of at least one polyol selected from the group comprising a polyester polyol a polyester polycarbonate copolymer polyol and combinations thereof a resin and optionally a solvent. The second component may comprise a prepolymer obtained by reacting a polyester polycarbonate copolymer polyol which is the reaction product of a polyester polyol which is the reaction product of one or more organic acids and one or more glycols having a functionality of two or more and one or more polycarbonate polyols at least one organic polyisocyanate component and at least one chain extending agent and optionally a solvent. Alternatively the first component may comprise a polyester polycarbonate copolymer polyol a resin and optionally a solvent. The second component may comprise a polyisocyanate curative and optionally a solvent. The cured adhesive exhibits improved hydrolytic properties while maintaining excellent processability and adhesive properties.

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

(21) Application No.1204/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 13/02/2013 (43) Publication Date: 31/07/2015

## (54) Title of the invention: SYSTEM AND METHOD TO INITIATE A HOUSEKEEPING OPERATION AT A MOBILE DEVICE

(51) International :G11C16/30,G11C5/14,H04W52/00 classification

(31) Priority Document No :12/855045 (32) Priority Date :12/08/2010

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

(86) International Application :PCT/US2011/047535

No :12/08/2011

Filing Date

(87) International Publication :WO 2012/021775

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

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

:NA

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72) Name of Inventor: 1)TOMS Thomas R. 2)RAO Hari M.

3)KANG Seung H. 4)KIM Jung Pill

5)SUH Jungwon

## (57) Abstract:

A system and method to initiate a housekeeping operation at a mobile device is disclosed. In a particular embodiment a method at a mobile device includes modifying a scheduled housekeeping operation in response to determining that the mobile device is in a charging mode.

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

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD AND SYSTEM FOR SECURE PAYMENT

		(71)Name of Applicant:
		1)MOBME WIRELESS SOLUTIONS (P) LTD
(51) International classification	:G06Q	Address of Applicant :MOBME WIRELESS SOLUTIONS
(31) Priority Document No	:NA	PVT. LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA
(32) Priority Date	:NA	SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN-
(33) Name of priority country	:NA	682018, KERALA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOPAL,VISHNU
(87) International Publication No	: NA	2)VIJAYKUMAR, SANJAY
(61) Patent of Addition to Application Number	:NA	3)GOPALAKRISHNAN, SREEKANTH SWARNAM
Filing Date	:NA	4)GOPAL, HARI
(62) Divisional to Application Number	:NA	5)PARAKAL, DAVIS DOMINIC
Filing Date	:NA	6)MICHAEL, BINOY PRAKASH
		7)SANKAR, ANOOP
		8)KUMAR, SUNIL

#### (57) Abstract:

The present invention provides a method and a system for initiating a transaction. The method and system includes providing a proof of purchase. Further, the method and system includes receiving purchase information. Furthermore, the method and system transmitting a signing request to the mobile device. In addition, the method and system includes receiving a signing message from the mobile device. The signing message includes a mobile identity of a user. Additionally, the method and system includes verifying the mobile identity of the user. Further, the method and system includes sending transaction initiation message to the mobile device. In addition, the method and system includes receiving an audio signature. Additionally, the method and system includes initiating the transaction by transmitting transaction information to a financial organization. The transaction information is generated from the audio signature on successful verification of the location information of the mobile device.

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

(22) Date of filing of Application :30/04/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: METHODS OF APPLYING A SORBENT COATING ON A SUBSTRATE A SUPPORT AND/OR A SUBSTRATE COATED WITH A SUPPORT

(51) International :B01D53/04,B01D39/14,B01D53/62 classification

(31) Priority Document No :61/543999

(32) Priority Date :06/10/2011 (33) Name of priority country:U.S.A.

(86) International :PCT/US2012/058710

Application No :04/10/2012

Filing Date

(87) International Publication :WO 2013/052637

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

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

:NA Filing Date

(71)Name of Applicant: 1)BASF CORPORATION

Address of Applicant: 100 Park Avenue Florham Park NJ

07932 U.S.A.

(72) Name of Inventor: 1)BUELOW Mark 2)DURILLA Michael 3)KAUFFMAN John

4)TRAN Pascaline Harrison

### (57) Abstract:

Methods of applying a sorbent coating on a substrate a support and/or a substrate coated with a support are described. One of the methods comprises: (i) optionally preparing the substrate coated with the support by pre treating the substrate with a slurry wherein the slurry comprises: a. solvent b. a binder c. the support and d. optional dispersant; and (ii) treating the substrate the support and/or the substrate coated with the support with a sorbent; wherein the substrate is (a) a monolithic or honeycomb structure made of ceramic metal or plastic; (b) a polyurethane foam a polypropylene foam a polyester foam a metal foam or a ceramic foam; or (c) woven or non woven plastic or cellulosic fibers wherein the support is alumina silica silica alumina titania zirconia carbon zeolite metal organic framework (MOF) or combinations thereof and wherein the sorbent adsorbs carbon dioxide and the sorbent is selected from the group consisting of amines; monoethanolamine; diethanolamine; polyethylenimine (PEI); aminopropyltrimethoxysilane; polyethyleneimine trimethoxysilane; amide or amine containing polymers including nylon polyurethane polyvinylamine or melamine; and combinations thereof.

No. of Pages: 35 No. of Claims: 57

(21) Application No.4278/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SHOT PROCESSING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B24C9/00 :2012031002 :15/02/2012 :Japan :PCT/JP2012/081537 :05/12/2012	(71)Name of Applicant:  1)SINTOKOGIO LTD.  Address of Applicant: 11 11 Nishiki 1 chome Naka ku Nagoya shi Aichi 4600003 Japan (72)Name of Inventor:  1)YAMAMOTO Masatoshi
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:WO 2013/121657 :NA :NA :NA :NA	

#### (57) Abstract:

The present invention provides a shot processing device whereby it is possible to reduce the total processing time. A workpiece (W) is transported by means of a carry in roller conveyor (12). The workpiece (W) on the carry in roller conveyor (12) is carried into a projection chamber (18) of a cabinet (16) by means of a carrying in device (32) once the workpiece (W) reaches the downstream of the transport line of the carry in roller conveyor (12). The workpiece (W) that was carried into the projection chamber (18) is held by means of a clamping device (34). A projector projects a projection material onto the workpiece (W) that is held by the clamping device (34) and then said workpiece (W) is carried out on a carry out roller conveyor (52) by means of a carrying out device (56). It is possible to carry a workpiece (W) out from the projection chamber (18) at the same time a workpiece (W) is carried into the projection chamber (18) because the mechanism on the carry in side and the mechanism on the carry out side are separated.

No. of Pages: 56 No. of Claims: 13

(21) Application No.3162/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: VEHICLE DIAGNOSTIC METHOD AND EXTERNAL DIAGNOSTIC DEVICE

(51) International classification :G01M17/007,B6 (31) Priority Document No :2011237335 (32) Priority Date :28/10/2011

(33) Name of priority country(86) International Application No:PCT/JP2012/064528

Filing Date :06/06/2012 (87) International Publication No :WO 2013/061647

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

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

:G01M17/007,B60R16/02 (71)**Name of Applicant :** 

1)HONDA MOTOR CO. LTD.

Address of Applicant :1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72)Name of Inventor:
1)KAKINUMA Hiroyuki

2)ITO Sakae

#### (57) Abstract:

In a vehicle diagnostic method and an external diagnostic device (14) sensor detection values acquired by communicating with an ECU (20) are measured to determine whether the values are in a normal range while a vehicle (12) is idling. After an engine (26) is started an operation to measure soundness is prohibited at least until the sensor detection values including the engine rotational frequency (Ne) reach a threshold value region indicating the completion of the warm up operation. The fluctuation state of the sensor detection values is displayed on an operation screen (200) until the sensor detection values reach the threshold value region.

No. of Pages: 50 No. of Claims: 8

(21) Application No.3165/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :25/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: OSCILLATOR BASED FREQUENCY LOCKED LOOP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H03B :13/291206 :08/11/2011 :U.S.A. :PCT/US2012/063967 :07/11/2012 :WO 2013/070783	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International IP Administration  5775 Morehouse Drive San Diego California 92121 U.S.A.  (72)Name of Inventor:  1)SAINT LAURENT Martin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A method includes determining a control setting and selectively stopping oscillation of an oscillator after a time period. The oscillator is configured to remain in an active mode after the time period. The method further includes applying the control setting to the oscillator.

No. of Pages: 31 No. of Claims: 26

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING DATA OFFLOADING IN A HETEROGENEOUS WIRELESS NETWORK

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore-560 037 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)NARAYANAN, Karthik
Filing Date	:NA	2)NARAYANASWAMY, Santhosh Kumar Banadakoppa
(62) Divisional to Application Number	:NA	3)KIM, Gounyoung
Filing Date	:NA	4)PARK, Ha-Joong

#### (57) Abstract:

The various embodiments herein provide a method and system for providing data offloading in a heterogeneous wireless network. The method comprises of receiving the UE assistance data transmitted from a user equipment at a heterogeneous network, determining the priority of the UE from the UE assistance data and redirecting at least one UE from a heterogeneous network cell to a macro cell based on the identified priority of the UE. The UE assistance data herein comprises of a total estimated data (TED) associated with the UE which is to be uploaded to the heterogeneous network, where the TED includes an information element (IE) and a Buffer Status Report (BSR) indicating a size of data associated with the UE which is to be uploaded to the network. Here the priority of the UE is determined based on a Channel Quality Indicator (CQI), the BSR, the TED and a Logical Channel Identifier.

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

(21) Application No.4275/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : FUNCTIONAL OIL POLYOL ACRYLIC GRAFT COPOLYMERS AND THEIR USE IN PERSONAL CARE APPLICATIONS

(51) International classification :A61K8/91,A61Q5/06,A61Q17/04 (71) Name of Applicant : (31) Priority Document No 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. :61/578626 (32) Priority Date :21/12/2011 Address of Applicant: Stationsstraat 77 NL 3811 MH (33) Name of priority country Amersfoort Netherlands :U.S.A. (86) International Application (72) Name of Inventor: :PCT/EP2012/075876 1)MARSHALL Laurie :18/12/2012 Filing Date 2) VONA JR. Samuel Anthony (87) International Publication 3)ISLAM Mojahedul :WO 2013/092542 4)HAMM Jaime Dion (61) Patent of Addition to :NA **Application Number** :NA Filing Date

## (57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

Personal care compositions include a hydroxyl functional vegetable oil polyol acrylic graft copolymer and a personal care active ingredient and methods of use of a hydroxyl functional vegetable oil polyol acrylic graft copolymers in personal care applications. The hydroxyl functional vegetable oil polyol acrylic graft copolymer is obtained from a modified epoxidized vegetable oil polymerized in the presence of a ethylenically unsaturated monomer.

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

(21) Application No.4276/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: DRIER FOR AUTO OXIDISABLE COATING COMPOSITIONS

(51) International

:C09D167/06,C09D7/04,C09D7/12

classification (31) Priority Document No

:11194686.9

(32) Priority Date

:20/12/2011

(33) Name of priority country: EPO (86) International Application

:PCT/EP2012/075681

:17/12/2012 Filing Date

(87) International Publication :WO 2013/092441

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(57) Abstract:

(71) Name of Applicant:

1)AKZO NOBEL COATINGS INTERNATIONAL B.V.

Address of Applicant: Velperweg 76 NL 6824 BM Arnhem

Netherlands

(72) Name of Inventor:

1)MEIJER Michel Daniel 2)VAN WEELDE Eddy

3)VAN DIJK Joseph Theodorus Maria

4)FLAPPER Jitte

A mixture for use as a drier for air drying an auto oxidizable resin composition said mixture comprising: 1 4 7 trialkyl 1 4 7 triazacyclononane (L); and a manganese salt having the general formula Mn[X] wherein anion X is selected from PF SbF AsF BF B(CF) CI Br I NO or RCOO in which case n=2 or the anion X is SO in which case n = 1 and wherein R is C C alkyl optionally substituted with heteroatoms C C aryl optionally substituted with heteroatoms or a polymeric residue; wherein the 1 4 7

trialkyl 1 4 7 triazacyclononane (L) is present in the mixture in an amount such that the molar ratio of L:Mn is at least 1.25:1 and more preferably at least 1.5:1.

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

(21) Application No.1109/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : ACTUATION AND CALIBRATION OF A CHARGE NEUTRAL ELECTRODE IN AN INTERFEROMETRIC DISPLAY DEVICE

(51) International classification :G09G3/34,G02B26/00 (71)Name of Applicant : (31) Priority Document No 1)OUALCOMM MEMS TECHNOLOGIES INC. :61/374539 (32) Priority Date :17/08/2010 Address of Applicant: 5775 Morehouse Drive San Diego CA (33) Name of priority country 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/047783 (72) Name of Inventor: Filing Date :15/08/2011 1)HONG John H. (87) International Publication No :WO 2012/024235 2)LEE Chong U. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

This disclosure provides systems methods and devices for actuating charging and calibrating the charge on a movable electrode in an interferometric device. The interferometric device (1000) can include a first electrode (1002) a second electrode (1010) spaced apart from the first electrode by a gap at least one electrical contact (2132) and an electrically neutral movable third electrode (1006) disposed between the first electrode and the second electrode. The third electrode can be charged by applying a charging actuation voltage across the first electrode and the second electrode to produce an electric field in the gap. Under the electric field the electrically neutral third electrode (1006) can move towards the first electrode from a first position to a second position where it connects with the electrical contact (2132). Once in contact with the electrical contact an electric charge on the third electrode can be changed when the third electrode is in the second position. When a mechanical restorative force on the third electrode exceeds the force of the electric field on the third electrode the third electrode moves to a third position.

No. of Pages: 103 No. of Claims: 30

(21) Application No.257/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :21/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR MONITORING CONTROLLED VARIABLE OF MULTIVARIABLE PREDICTIVE CONTROLLER IN AN INDUSTRIAL PLANT

(51) International classification	:G05B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)YOKOGAWA ELECTRIC CORPORATION
(32) Priority Date	:NA	Address of Applicant :9-32, 2-chome, Nakacho, Musashino-
(33) Name of priority country	:NA	shi Tokyo, 180-8750 Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJAY VENUGOPAL
(87) International Publication No	: NA	2)ADIDEV KATIYAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Embodiments of the present disclosure relates to a method and system for monitoring a controlled variable of a multi variable predictive controller in an industrial plant. The method comprises receiving predetermined tuning parameters and at least one gain value for the controlled variable from the data source. The method further comprises determining relationship indicator values by a processing unit based on predetermined functions. The inputs to the predetermined functions are the received predetermined tuning parameters and the at least one gain value. The relationship indicator values provide information about the relation between the controlled variable and the related process variables affecting the controlled variable. The controlled variable, related process variables affecting the controlled variable and the determined relationship indicator values are displayed on the GUI using which the operator monitors the controlled variable.

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

(21) Application No.4281/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014 (43) Publication Date: 31/07/2015

## (54) Title of the invention: ADVERTISEMENT PROVIDING APPARATUS AND METHOD FOR PROVIDING **ADVERTISEMENTS**

(51) International :H04W88/02,G06Q30/02,G06F3/01

classification

(31) Priority Document No :1020110134909 (32) Priority Date :14/12/2011 (33) Name of priority country: Republic of Korea (86) International Application :PCT/KR2012/010918 No

:14/12/2012 Filing Date

(87) International Publication :WO 2013/089487

(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)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)LIM Chae Young

2)PARK Dong Ouk

3)LEE Jeong Eun

#### (57) Abstract:

Methods and apparatus are provided for providing advertisements in an advertisement providing apparatus. An advertising audio signal is received and recorded the recorded advertising audio signal is converted into audio data and the audio data is stored at the advertisement providing apparatus. The audio data and targeting purpose data are transmitted from the advertisement providing apparatus to an advertising server. Relevant advertising information is retrieved from among a plurality of advertising information stored in advance in an advertisement Database (DB) using the received audio data and the targeting purpose data. The received advertising information is transmitted from the advertising server to the advertisement providing apparatus. The advertising information is output from the advertisement providing apparatus.

No. of Pages: 45 No. of Claims: 15

(22) Date of filing of Application :10/06/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : MANAGING DATA REPRESENTATION FOR USER EQUIPMENTS IN A COMMUNICATION SESSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:H04L29/06 :13/342809 :03/01/2012 :U.S.A. :PCT/US2012/072015 :28/12/2012 :WO 2013/103597 :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor: 1)STONEFIELD Anthony Pierre 2)DEWING Shane Richard
` '		2)DEWING Shalle Richard

#### (57) Abstract:

In an embodiment an application server (170; 400) receives (500; 710A; 710C) from a given UE (200; 400) data that is configured to visually represent physical user input detected at the given UE at a first level of precision (600; 700B; 710B). The application server determines (505; 715A; 715C) data presentation capabilities of a target UE and/or a performance level associated with a connection between the application server and the target UE. The application server selectively transitions (510; 720A; 730C; 800A 810A 820A) the received data from the first level of precision to a second level of precision (615; 705B; 715B) based on the determination and transmits (515; 725A; 735C) the selectively transitioned data to the target UE for presentation. In another embodiment the application server receives (910) a request to adjust display settings of the target UE from the given UE responsive to detected physical user input. The application server selectively adjusts (915) the target UE s display settings based on the received request.

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

(21) Application No.1221/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/02/2013 (43) Publication Date: 31/07/2015

## (54) Title of the invention: HEATER AND GLOW PLUG PROVIDED WITH SAME

(51) International classification :H05B3/02,F23Q7/00,H05B3/10 (71)Name of Applicant :

(31) Priority Document No :2010172133 (32) Priority Date :30/07/2010

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2011/066923

Filing Date :26/07/2011 (87) International Publication No: WO 2012/014872

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)KYOCERA CORPORATION

Address of Applicant: 6 Takeda Tobadono cho Fushimi ku

Kyoto shi Kyoto 6128501 Japan

(72) Name of Inventor: 1)HIURANorimitsu

### (57) Abstract:

To provide a heater which has high reliability and durability and which suppresses generation of significant stress concentration on an end portion of a bonding section between a resistor and a lead even if a large current is flown in the resistor in the cases of rapid temperature increase and the like and to provide a glow plug provided with the heater. [SOLUTION] A heater (1) is provided with: a resistor (3) having a heat generating unit (4); a lead (8) bonded to an end portion of the resistor (3); and an insulating base body (9) that covers the resistor (3) and the lead (8). The bonding section between the resistor (3) and the lead (8) has in cross sectional view a region where the resistor (3) is spaced apart from the insulator (9) over the whole circumference with the lead (8) therebetween.

No. of Pages: 47 No. of Claims: 8

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A BRAKING DEVICE AND AN ANTILOCK BRAKING SYSTEM FOR VEHICLE

		71.33
		(71)Name of Applicant :
		1)Robert Bosch Engineering and Business Solutions Limited
(51) International classification	:B60T	Address of Applicant :123, Industrial Layout, Hosur Road,
(31) Priority Document No	:NA	Koramangala, Bangalore 560095, Karnataka, India
(32) Priority Date	:NA	2)Robert Bosch GmbH
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MOHAMED Manoj
Filing Date	:NA	2)KULKARNI Purushottam Ashokrao
(87) International Publication No	: NA	3)SHARMA Aashish
(61) Patent of Addition to Application Number	:NA	4)KAMBHALURU Vikranth
Filing Date	:NA	5)PATIL Suhas
(62) Divisional to Application Number	:NA	6)Gerhard Mueller-Roemer
Filing Date	:NA	7)FETZER Georg
		8)NOLLER Achim
		9)KESAVAN Premachandran Makkal

## (57) Abstract:

The present invention includes a braking device 10, an antilock braking system (ABS) 20, an ECU 40 for ABS 20 and a brake control method for vehicle. The ABS 20 comprises the braking device 10 which is coupled between an input brake actuator 22 and a wheel-side braking element. The braking device 10 has first and second rotary members 12, 14 that are coupled by one or more resilient members 16. One or more first resilient members 16 coupled between the rotary members 12, 14 serve as a rigid link during normal braking conditions and as a flexible link during braking modulation. The ECU 40 controls a drive unit 26 coupled with the rotary members 12, 14 according to wheel-lock condition or wheel-release condition.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD AND SYSTEM FOR FACILITATING ONLINE TRANSACTION

### (57) Abstract:

The present invention provides a method and system for making a secure transaction. The method includes receiving purchase order from a payee. In addition, it includes issuing an authorization request to the payee, and obtaining authorization data from the payee in response to the issued authorization request. Further, it includes providing the authorization data to a certification authority, receiving a verification response for the authorization data from the certification authority, and generating transaction information based on the received verification response. Furthermore, it includes transmitting the transaction information to a financial organization, and collecting transaction status from the financial organization.

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

(22) Date of filing of Application :01/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A METHOD FOR AUTOMATICALLY GENERATING INSTRUCTIONAL VIDEOS FOR VEHICLE DIAGNOSIS AND REPAIR

(51) International classification	:H04N21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VAMSIDHAR SUNKARI
(62) Divisional to Application Number	:NA	2)PRAKASH VERMA
Filing Date	:NA	3)ANANDA PADMANABHAN KRISHNA IYENGAR

### (57) Abstract:

The present invention discloses a method and apparatus for generating instructional videos for vehicle diagnosis and repair. The method according to the present invention can be used to generate video based instructions from an expert in a remote location. An expert at the remote location can transmit instructions for performing the diagnosis and repair to the workshop via a communication link. These instructions are received at the workshop and combined as an augmented data layer over the visual data captured at the workshop. The combination of the visual data and the instructions is stored in form of an instructional video for future use by mechanics.

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

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

:NA

# (54) Title of the invention: METHOD FOR PREPARING ANTIBODIES HAVING IMPROVED PROPERTIES

:C07K16/00,A61K39/395 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MERCK SHARP & DOHME CORP. :61/553335 (32) Priority Date :31/10/2011 Address of Applicant: 126 East Lincoln Avenue Rahway New (33) Name of priority country :U.S.A. Jersey 07065 0907 U.S.A. (86) International Application No (72)Name of Inventor: :PCT/US2012/062211 Filing Date 1)STADHEIM Terrance A. :26/10/2012 (87) International Publication No :WO 2013/066761 2)CUA Daniel (61) Patent of Addition to Application 3)ZHA Dongxing :NA Number :NA Filing Date

# (57) Abstract:

Filing Date

The present invention is directed to methods and compositions for the production of Fc containing polypeptides having improved properties.

No. of Pages: 78 No. of Claims: 14

(62) Divisional to Application Number :NA

(21) Application No.3073/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: FUSED BICYCLIC OXAZOLIDINONE CETP INHIBITOR

(51) International classification :C07D498/04,A61K31/4188,A61P9/10

(31) Priority Document No :61/552592 (32) Priority Date :28/10/2011 (33) Name of priority :U.S.A.

country

(86) International Application No :PCT/US2012/061842

Filing Date :25/10/2012

(87) International :WO 2013/063217

Publication No
(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)MERCK SHARP & DOHME CORP.

Address of Applicant :126 East Lincoln Avenue Rahway New

Jersey 07065 0907 U.S.A. (72)Name of Inventor:

1)SHAO Pengcheng Patrick

2)YE Feng 3)VACHAL Petr 4)SHA Deyou

5)KATIPALLY Revathi Reddy

6)LIU Jian 7)SUN Wanying

## (57) Abstract:

Compounds having the structure of Formula I including pharmaceutically acceptable salts of the compounds are CETP inhibitors and are useful for raising HDL cholesterol reducing LDL cholesterol and for treating or preventing atherosclerosis.

No. of Pages: 103 No. of Claims: 15

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND SYSTEM FOR SECURE ELECTRONIC PAYMENT

(51) International classification	:G060	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOBME WIRELESS SOLUTIONS LTD
•	:NA	Address of Applicant :MOBME WIRELESS SOLUTIONS
(32) Priority Date		**
(33) Name of priority country		LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE,
(86) International Application No	:NA	NEAR TOWN HALL, KACHERIPPADY, COCHIN-682018,
Filing Date	:NA	KERALA, INDIA
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GOPAL,VISHNU
Filing Date	:NA	2)SANKAR,ANOOP
(62) Divisional to Application Number	:NA	3)VIJAYKUMAR, SANJAY
Filing Date	:NA	

#### (57) Abstract:

The present invention provides a method and system for making an electronic payment. The method and system include receiving a money transfer order, receiving an identifier associated with a recipient, seeking authorization from a payee to initiate the electronic payment, receiving an authorization response from the payee, verifying the authorization response, and initiating the electronic payment of a transaction amount. The money transfer order includes a mobile identity of the payee and the transaction amount. The mobile identity of the payee is used to seek authorization from the payee to initiate the electronic payment.

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

(21) Application No.4270/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date: 31/07/2015

# (54) Title of the invention : A METHOD FOR RECYCLING WASTE THERMOPLASTIC MATERIALS AND USING THIS RECYCLED THERMOPLASTIC IN COMPOSITE MATERIAL PRODUCTION

(51) International classification (31) Priority Document No	a:C08J11/04,C08J11/06,B29B17/00:NA	(71)Name of Applicant : 1)GUVEN Ali Hakan
(32) Priority Date	:NA	Address of Applicant :Paris Caddesi 16/7 06540 Ankara
(33) Name of priority country (86) International Application	:NA	Turkey (72)Name of Inventor:
No Filing Date	:PCT/TR2011/000265 :10/11/2011	1)GUVEN Ali Hakan
(87) International Publication No	:WO 2013/070176	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

This invention is related to a method for production of high strength and low cost thermoplastic composite materials by processing and treating waste plastic materials with some minerals. The object of the invention is to embody a recycling method wherein it contains high amounts of additives and therefore composite materials with high strength properties are obtained. Another object of the invention is to embody a recycling method wherein high amounts of additives are used in the production and the machines used in the production are not damaged.

No. of Pages: 15 No. of Claims: 1

(22) Date of filing of Application :11/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: AN APPARATUS FOR CONNECTING DEVICES

(51) International classification	:H01R13/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BELMANJE Mangalaprasad
(61) Patent of Addition to Application Number	:NA	2)MANIVACHAGAM Hema
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A connecting apparatus for joining two devices is disclosed. In accordance with this invention the connecting apparatus comprises a male connecting part (101) on a first device (102) and a female connecting part (106) on a second device (107). The male connecting part (101) comprises at least one locking element (103) having an aperture (104) and at least one flexible release element (105) in contact with the locking element (103) and adapted to deflect the locking element (103) when the flexible release element (105) is pressed. The female connecting part (106) is adapted to receive the male connecting part (101). The female connecting part (106) is provided with at least one projection (108) which latches with the aperture (104) on the male connecting part (101) which is released from the aperture (104) when said flexible release element (105) pressed.

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

(22) Date of filing of Application :11/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A DEVICE AND A METHOD FOR PUNCHING TAGS TO AN OBJECT

(51) International classification	.H∩5 <i>K</i>	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
` '		
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAMAIAH Manjunatha Yashodamma
(61) Patent of Addition to Application Number	:NA	2)KIRAN Kavali Raghu
Filing Date	:NA	3)MANI Pradheep Kumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The various embodiments of the present invention provide a device for punching tags to an object. The device comprises a rack locked at an initial position and released to a final position, a first spring connected to a first end of said rack, a pulling means to retract said rack in said initial position, a lock and release means to hold said rack in said initial position, a hammer coupled to a second end of said rack; and an anvil to provide a base for punching.

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

(22) Date of filing of Application :09/06/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : INTERACTIVE EMBODIED ROBOT VIDEOGAME THROUGH THE USE OF SENSORS AND PHYSICAL OBJECTS

(51) International classification :A63F13/06,A63F13/0
(31) Priority Document No :105993
(32) Priority Date :09/11/2011
(33) Name of priority country :Portugal
(86) International Application No :PCT/PT2012/000044

Filing Date :09/11/2012

(87) International Publication No :WO 2013/070103

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

:A63F13/06,A63F13/08 (71)Name of Applicant :

1)CONCEI‡,O Marta Isabel santos Paiva Ferraz Address of Applicant :Rua dos Ciprestes 24 2° Esq. 2850

Aroeira Portugal

(72)Name of Inventor:

1)CONCEI‡,O Marta Isabel santos Paiva Ferraz

#### (57) Abstract:

The present invention refers to an embodied Robot videogame apparatus that receives input through the (human) user s physical actions (full body actions) contact and physiological signals (Bio signals). The apparatus has as principal components: led/sound sensor eye with a video camera; mechanical lever; rotation sensor; rubber torso; solar battery; sensor leds; heart rate and galvanic skin response sensor; multi touch computer display with a 1/0 board v2.0 Bluetooth wireless connection; multiplayer button; microphone; intensity sensor; feet support; suspensions; rubber pneumatic wheels; accelerometer sensor; plastic leveler sensor; wireless Bluetooth digitizers; Velcro strips; and GPS. The apparatus includes a series of electronic sensor that detects the user s input physical actions contact and physiological signals in real time. The output result is visualized on a multi touch computer display. The player s real time actions are translated in virtual actions in the software game scenarios (e.g. running with the physical robot represents the same virtual action in the game avatar). The apparatus establishes a simultaneous connection between physical and virtual realities and can be shared through online connection.

No. of Pages: 30 No. of Claims: 28

(21) Application No.4285/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :10/06/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: PROCESSING ENHANCED PDCCH (EPDCCH) IN LTE

(51) International :H04W72/04,H04W72/08,H04L5/00

(31) Priority Document No :61/581487 (32) Priority Date :29/12/2011

(33) Name of priority country:U.S.A.
(86) International :PCT/US2012/071359

Application No
Filing Date

PC1/US201
21/12/2012

(87) International Publication :WO 2013/101757

(61) Patent of Addition to

Application Number :NA

Application Number
Filing Date

(62) Divisional to

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

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant :5775 Morehouse Drive ATTN: International IP Administration San Diego California 92121

U.S.A.

(72)Name of Inventor: 1)CHEN Wanshi

2)XU Hao 3)GAAL Peter

#### (57) Abstract:

A method of wireless communication includes configuring a virtual cell identifier (ID) for a user equipment (UE). The method determines a first candidate for an enhanced physical downlink control channel (ePDCCH) for the UE. The method also determines a first virtual cell ID for the first candidate. Furthermore the method scrambles the ePDCCH based on the first virtual cell ID and transmits to the UE the scrambled ePDCCH using the first candidate.

No. of Pages: 40 No. of Claims: 56

(22) Date of filing of Application :04/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD OF AUTOMATIC HEALTH MONITORING AND EMERGENCY ASSIST FOR A VEHICLE OCCUPANT

#### (57) Abstract:

The automatic health monitoring and emergency assist system 100 monitors a health condition and emergency condition of a user 102 (e.g., a vehicle occupant) who is driving a vehicle using a personal communication device (e.g., the computing device 106) which is interfaced with a communication unit 108 (e.g., a Bluetooth device). The computing device 106 communicates an alert message through SMS, E-mail and a call to one or more emergency responders 114 when an accident is occurred. The computing device 106 further communicates an audio output to the Bluetooth device to control the braking system 110 which is placed/mounted on the vehicle based on the one or more bio-parameters of the vehicle occupant 102.

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

(22) Date of filing of Application :22/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: BATTERY PACK COOLING STRUCTURE FOR MOTOR VEHICLE

(51) International classification	:H01M	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)SUZUKI MOTOR CORPORATION
(31) I Hority Document No	260110	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:28/11/2012	Hamamatsu-shi, Shizuoka-ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Yu HARADA
Filing Date	:NA	2)Seiji BITO
(87) International Publication No	: NA	3)Kentaro IZUMI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A battery pack cooling structure for a motor vehicle capable of improving a cooling performance of an interior of a battery pack. At a time of cooling a battery pack 7, which is disposed on an upper surface of a rear floor panel 5 at a vehicle rear side of a rear seat 1 and inside of which battery modules 8 are housed, a downstream side air intake duct portion 11 which is connected to the battery pack 7 is disposed toward a vehicle front side between the upper surface of the rear floor panel 5 and a seat cushion 2 of the rear seat 1, while an upstream side air intake duct portion 12 which is connected to a vehicle front end portion of the downstream side air intake duct portion 11 is disposed along a length toward a vehicle width direction between the upper surface of the rear floor panel 5 and the seat cushion 2 of the rear seat 1, and air inlet ports 14 for inletting air inside a vehicle cabin are formed at both end portions in the vehicle width direction of the upstream side air intake duct portion 12. For this reason, even if a temperature difference in the air is caused in the vehicle width direction inside the vehicle cabin, the air joined at the downstream side air intake duct portion 11 will have a temperature that is averaged out.

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

(21) Application No.2636/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SLIDING ELEMENT WITH DLC COATING

(5.) 5		
(51) International classification	:F16C33/00	(71)Name of Applicant:
(31) Priority Document No	:10 2011	1)FEDERAL-MOGUL BURSCHEID GMBH
(31) Thomas Document No	083 714.0	Address of Applicant :BURGERMEISTER-SCHMIDT-STR.
(32) Priority Date	:29/09/2011	17, 51399 BURSCHEID Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)KENNEDY, MARCUS
Filing Date	:NA	2)ZINNABOLD, 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:

The present application relates to a sliding element, in particular a piston ring with a DLC coating (12) on a substrate. The sliding element according to the invention is characterised in that a softer material (14) than DLC is embedded into the surface of the DLC coating (12) with which the sliding element will come into contact with a sliding partner, against which the sliding element will slide.

No. of Pages: 13 No. of Claims: 9

(22) Date of filing of Application :22/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A DEVICE AND METHOD FOR DETECTING GEAR POSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:F16H59/00 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Bosch Limited    Address of Applicant: Post Box No 3000, Hosur Road, Adugodi, Bangalore 560030, Karnataka, India  2)Robert Bosch GmbH (72)Name of Inventor:
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	1)RAMACHANDRA Pradeep

#### (57) Abstract:

A device and method for detecting gear position is disclosed. The device for detecting gear position comprises an engine speed sensor and a means to detect a trigger for change in the gear position. A processing means is adapted to receive the engine speed and the trigger for change in the gear position and the engine load conditions. The processing unit is adapted to determine a rate of change of the engine speed during the changing of the gear position and determine a corresponding gear ratio to detect the gear position by comparing the measured rate of change of engine speed with rate of change of engine speed corresponding to the different gear ratios and the engine load stored in a memory associated with the processing unit. The trigger for change in gear position can be from a throttle position sensor or a clutch sensor.

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

(22) Date of filing of Application :22/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEM AND APPARATUS FOR EFFICIENT STIRRING

(51) I de marie a la la militaria	E160	(71)N 6 A P
(51) International classification	:F16C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ZINGE Dhananjay
(61) Patent of Addition to Application Number	:NA	2)SUBRAMANIAN Suresh Babu Palanichamy
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A stirring device comprises an electromagnetic static centre column. The electromagnetic central column induces linear or rotary magnetic fields to accelerate and drive the paddle. The central part of the paddle has a permanent magnet which moves the paddle along the static centre column. The stirring device comprises a helix cage with one or more guide grooves on the inner surface. The helix cages with guide grooves having magnetic charges restrict relative motion between container and the helix cage. According to yet another aspect of the present disclosure, the threads at the outer surface of the paddle comprises magnetic charges. The magnetic charges on the paddle and the helix cage are having like poles repel each other and reduce surface contact. According to yet another aspect of the present disclosure, the helix cage structure moves the rotating paddle vertically (up and down).

No. of Pages: 12 No. of Claims: 6

(22) Date of filing of Application :22/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A METHOD TO REDUCE A STARTING TIME OF AN ENGINE

(51) International classification	:G05B19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Bosch Limited
(32) Priority Date	:NA	Address of Applicant :Post Box No 3000, Hosur Road,
(33) Name of priority country	:NA	Adugodi, Bangalore 560030, Karnataka, India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)LAKSHMINARASIMHAN Krishnan Coimbatore
(61) Patent of Addition to Application Number	:NA	2)BARKUR Ranganatha Somayaji
Filing Date	:NA	3)GANGAIAH Jagadisha
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An electronic control unit 10 to reduce a starting time of an engine 12 in a vehicle, the electronic control unit 10 comprises a calculating means 14 adapted to calculate an initial starting time period taken by the engine to reach a threshold speed. The electronic control unit 10 comprises dividing means 16 adapted to divide the initial starting time period into plurality of individual time periods in dependence with a speed of the engine 12. The electronic control unit 10 comprises varying means 18 adapted to vary at least two parameters of the engine and a reducing means 20 adapted to reduce the individual time period in dependence with the variation in the at least two parameters. The calculating means 14 calculates reduced individual time period and the reducing means 20 reduces the starting time period of the engine in dependence with the reduced individual time period.

No. of Pages: 11 No. of Claims: 3

(21) Application No.10264/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/12/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention: METHOD FOR MAKING ORGANIC FOAM COMPOSITES CONTAINING AEROGEL PARTICLES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application</li> <li>No <ul> <li>Filing Date</li> </ul> </li> <li>(87) International Publication</li> <li>No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:C08J9/35,C08J9/14,C08G101/00 :MI2011A001203 :29/06/2011 :Italy :PCT/EP2012/062225 :25/06/2012 :WO 2013/000861 :NA	(71)Name of Applicant:  1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant: 2040 Dow Center Midland Michigan 48674 U.S.A. (72)Name of Inventor: 1)LOTTI Luca 2)VAIRO Giuseppe 3)SKOWRONSKI Michael J
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

## (57) Abstract:

Aerogel particles are impregnated with a volatile liquid. Organic polymer foams are made in the presence of the impregnated aerogel particles. The volatile liquid volatilizes during the foaming process resulting in a composite foam in which the dispersed aerogel particle are filled with gas. The composite foams have exceptionally low thermal conductivities.

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

(21) Application No.1130/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : LED BASED ILLUMINATION MODULE COLOR MATCHED TO AN ARBITRARY LIGHT SOURCE

(51) International classification	:F21K99/00,H05B33/08	(71)Name of Applicant :
(31) Priority Document No	:12/870738	1)XICATO INC.
(32) Priority Date	:27/08/2010	Address of Applicant :4880 Stevens Creek Blvd. Suite 204
(33) Name of priority country	:U.S.A.	San Jose CA 95129 U.S.A.
(86) International Application No	:PCT/US2011/049017	(72)Name of Inventor:
Filing Date	:24/08/2011	1)HARBERS Gerard
(87) International Publication No	:WO 2012/027506	2)PETLURI Raghuram L.V.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

LED based illumination modules (100) are realized that are visually color matched to light sources not based on LEDs based on visually matched color spaces. A visually matched color space is employed to both instrumentally and visually match an LED based light source with a light source not based on LEDs. In one aspect an LED based illumination module is realized to achieve a target color point in a visually matched color space within a predetermined tolerance. In another aspect an LED based illumination module is realized to visually match a light source not based on LEDs. A target color point in the CIE 1931 XYZ color space is derived based at least in part on the spectrum of the visually matched LED based illumination module. LED based illumination modules visually matched to light sources not based on LEDs are realized based on the derived target color point.

No. of Pages: 64 No. of Claims: 32

(22) Date of filing of Application :15/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHODS AND APPARATUS TO LIMIT REPORTING OF NEIGHBOR CELL MEASUREMENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04W24/10 :12/856344 :13/08/2010 :U.S.A. :PCT/US2011/047243 :10/08/2011 :WO 2012/021613 :NA :NA :NA	(71)Name of Applicant:  1)RESEARCH IN MOTION LIMITED  Address of Applicant:295 Phillip Street Waterloo Ontario N2L 3W8 Canada (72)Name of Inventor:  1)SUZUKI Takashi 2)CAI Zhijun 3)LI Jun 4)ARORA Dinesh Kumar
--	---	--

#### (57) Abstract:

Methods and apparatus to limit reporting of neighbor cell measurements are disclosed. An example method disclosed herein for a wireless device to perform measurements in a mobile communication network comprises receiving configuration information for periodic downlink pilot measurements to be performed by the wireless device the configuration information including an upper limit on a number of neighbor cells for which periodic downlink pilot measurements are permitted to be reported and performing the periodic downlink pilot measurements in accordance with the configuration information.

No. of Pages: 35 No. of Claims: 20

(21) Application No.3598/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/05/2014 (43) Publication Date: 31/07/2015

# (54) Title of the invention: ARITHMETIC DECODING DEVICE IMAGE DECODING DEVICE ARITHMETIC CODING DEVICE IMAGE CODING DEVICE AND ARITHMETIC DECODING METHOD

(51) International classification :H04N7/30 (71)Name of Applicant: (31) Priority Document No 1)SHARP KABUSHIKI KAISHA :2011242840 (32) Priority Date Address of Applicant: 22 22 Nagaike cho Abeno ku Osaka shi :04/11/2011 (33) Name of priority country Osaka 5458522 Japan :Japan (86) International Application No :PCT/JP2012/078086 (72) Name of Inventor : Filing Date :31/10/2012 1) IKAI Tomohiro (87) International Publication No :WO 2013/065702 2)YASUGI Yukinobu (61) Patent of Addition to Application 3)YAMAMOTO Tomovuki :NA Number 4)TSUKUBA Takeshi :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

The present invention reduces throughput while maintaining high coding efficiency. This arithmetic decoding device is provided with a syntax decoding means for decoding each of at least a first syntax and a second syntax which specify transform coefficients by arithmetic decoding that uses a context and arithmetic decoding that does not use the context. The syntax decoding means at least includes: not decoding the first syntax and decoding the second syntax by arithmetic decoding that does not use the context; and decoding the first syntax by arithmetic decoding that uses the context and decoding the second syntax by arithmetic decoding that does not use the context.

No. of Pages: 490 No. of Claims: 8

(21) Application No.479/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: POWER SUPPLY DEVICE FOR ELECTRONIC VEHICLE

(51) International classification	:H02J	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) Thority Document 110	026128	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:09/02/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAWATANI, SHINJI
Filing Date	:NA	2)NAKAYAMA, MASARU
(87) International Publication No	: NA	3)SHOKAKU, ISAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

To provide a battery pack which can be locked to a vehicle body and which can be mounted to and detached from the vehicle body with high operability. [Solving Means] A battery case 20 is provided with an extension part 19P extended to above a battery cell accommodating part. The extension part 19P is provided with a handle 34 including a grip part 78 having an orientation so set as to extend in the vehicle longitudinal direction when the battery case 20 is mounted on the vehicle. The handle 34 is provided on the battery case 20 in the state of being deviated toward either of vehicle-width-directionally left and right sides. A lock device 32 attached to a main frame 3 of the electric vehicle 1 is provided with a lock pin 323 which is advanced and retracted by key operations. The extension part 19P on the battery case 20 side is provided with an engagement hole 62 for accepting the lock pin 323, the engagement hole 62 being formed in either of side surface portions in the longitudinal direction of the electric vehicle 1.

No. of Pages: 103 No. of Claims: 8

(21) Application No.3065/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: COMMUNICATION SYSTEM

(51) International classification :H04W84/00,H04W60/00 (71)Name of Applicant : 1)NEC Corporation (31) Priority Document No :1116924.0 (32) Priority Date :30/09/2011 Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo (33) Name of priority country 1088001 Japan :U.K. (72)Name of Inventor: (86) International Application No :PCT/JP2012/072520 1)JACTAT Caroline Filing Date :29/08/2012 (87) International Publication No :WO 2013/047118 2)PUNZ Gottfried (61) Patent of Addition to Application 3)HAYASHI Sadafuku :NA 4)DELSOL Thomas :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

# (57) Abstract:

A mobile communications system is described in which the network configures a mobile relay node that is mounted in a moving vehicle (such as a train) with expected tracking area information for the route along which the vehicle is expected to travel. UEs associated with the mobile relay node are provided with the list and do not perform tracking area updates if the movement of the vehicle corresponds to the stored list. Where advance knowledge of the route is not available the mobile relay node is configured with a fixed tracking area and a fixed radio cell so that associated UEs do not detect a change in the tracking area or in the radio cell and so do not perform tracking area updates towards the network or the network does not need to control the UEs mobility while having a radio connection with the network.

No. of Pages: 39 No. of Claims: 33

(21) Application No.444/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: AUTOMATIC AMORCES MANUFACTURING MACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:B65G :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)A. ANISHIUS FRANK Address of Applicant: MEICO SCHLENK ENGG. COLLEGE, SIVAKASI Tamil Nadu India 2)DR. P. NAGARAJ (72)Name of Inventor: 1)A. ANISHIUS FRANK 2)DR. P. NAGARAJ
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)DR. P. NAGARAJ
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The word AMORCES refers to tiny chemical fire dots that are prepared as roll-caps in sheets of paper. From time unknown, Amorces manufacturing has been accomplished manually. Now-a-days growing demand, labour requirement and high risks enabled us to concentrate on taking the technology inside this industry. The Amorces manufacturing that has been accomplished manually in industries is studied by visiting some cottage industries. The process knowledge such as raw materials, manufacturing time, and conditions are noted. This invention is built by collecting several mechanical components like conveyors, cutters, pneumatics etc., and integrating them into a single automatic unit called AUTOMATIC AMORCES MANUFACTURING MACHINE. The processes involved in the manufacturing like dipping, gluing, drying, cutting were automated using the machine. These manual processes are all implemented using suitable equipments and mechanisms, by building them as individual units and integrating all the individual units using conveyors, programmable logic set-up, sensors etc.

No. of Pages: 7 No. of Claims: 4

(21) Application No.4544/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CONSTRUCTION MACHINE WITH MACHINE COMPONENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B60H :12007422.4 :30/10/2012 :EPO :NA :NA : NA :NA	)- ·- ·
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The invention relates to a construction machine (1) comprising a primary drive generating waste heat and one or a plurality of machine components (7), the machine components (7) being arranged in the area of the primary drive (2) of the construction machine (1). The invention is characterized in that at least one of the machine components (7) is arranged in a housing (6) including at least one flow passage (16) through which ambient air is sucked using underpressure or which can have ambient air supplied thereto using overpressure so that an air current (S) is created.

No. of Pages: 17 No. of Claims: 15

(22) Date of filing of Application :31/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MULTI-FUNCTIONAL MEASUREMENT CIRCUIT, SYSTEM AND METHOD THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H03H17/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)ABB TECHNOLOGY LTD  Address of Applicant: A company incorporated in Switzerland Affolternstrasse 44, CH-8050 Zurich Switzerland (72)Name of Inventor:  1)Bharat V Solanki 2)Nayan Shah 3)Priyank Desai
---	---	--

#### (57) Abstract:

A multi-functional measurement circuit that utilizes switchless configurable input channels is disclosed. The multi-functional measurement circuit includes multiple configurable input channels connected to plurality of terminals, where each configurable input channel shares at least one terminal with another. The circuit further includes a filtering and protection device and at least two shunt resistors coupled to the plurality of configurable input channels; and a multichannel analog to digital convertor (ADC) comprising a multiplexer and an inbuilt power source coupled to the filtering and protection device, where the configurable input channels are configured without switches for implementing a multipurpose measurement functionality for the multi-functional measurement circuit on receiving an input from the ADC.

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

(22) Date of filing of Application :01/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A METHOD AND SYSTEM FOR PROCESSING MULTIMEDIA CONTENT ON A GRAPHIC CLOUD

(51) International classification (31) Priority Document No	:H04N21/00 :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS COMPANY
(32) Priority Date	:NA	Address of Applicant :SAMSUNG ELECTRONICS
(33) Name of priority country	:NA	COMPANY, 416 MAETAN-DONG, YEONGTONG-GU,
(86) International Application No Filing Date	:NA :NA	SUWON-SI, GYEONGGI-DO 442-742 Republic of Korea (72)Name of Inventor:
(87) International Publication No	: NA	1)HEMANSHU SRIVASTAVA
(61) Patent of Addition to Application Number	:NA	2)AMAR SRIVASTAVA
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

A method and system for processing multimedia content on a graphic cloud is provided. The method includes determining a multimedia instance, determining a load balance associated with the multimedia instance, selecting a graphic card from a plurality of graphic cards for processing the multimedia instance, activating a plurality of ports associated with the graphic card for rendering the multimedia stream to a plurality of multimedia devices and transmitting the multimedia stream to the user. The system includes a multimedia device, a communication interface for establishing communication, a memory that stores instructions and a processor responsive to the instructions to determine a multimedia instance, determine a load balance, select a graphic card, activate a plurality of ports, and transmit the multimedia stream to the user.

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

(22) Date of filing of Application :08/10/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: COUPLING STRUCTURE FOR ROOF PORTION AND SIDE PORTIONS OF VEHICLE

(51) International classification	:B60J	(71)Name of Applicant:
(31) Priority Document No	:2012- 254153	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:20/11/2012	Hamamatsu-shi, Shizuoka-Ken, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kensaku ITO
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 provide a coupling structure for a roof portion and side portions of a vehicle, in which the coupling structure can improve rigidity of entire grooves without increasing the number of parts. In a coupling structure for a roof portion and side portions of a vehicle, a roof portion 1 is constructed at an intermediate position on an underside of a roof panel 3 in a front-back direction of a vehicle body by disposing a strip-like roof center member 4 along a car width direction; a side body portion 2 is constructed by installing a roof side rail 6 in an upper end portion on an interior side of each side body outer panel 5 along the front-back direction of the vehicle body; grooves 8 are formed in the front-back direction of the vehicle body by joining together opposite side portions of the roof portion 1 and upper end portions of the side body portions 2; and a bead 41 of a fixed length is formed on both left and right ends of the roof center member 4, extending in the car width direction from end edges, and an edge portion 42 located at each side of the bead 41 is joined to an upper edge portion 61a of the roof side inner rail 6.

No. of Pages: 23 No. of Claims: 5

(22) Date of filing of Application :11/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : IMPROVED AND COMMERCIALLY VIABLE PROCESS FOR THE PREPARATION OF HIGH PURE PLERIXAFOR BASE

(51) International classification :C07D31 (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)NATCO PHARMA LIMITED  Address of Applicant: NATCO HOUSE, ROAD NO. 2, BANJARA HILLS, HYDERABAD 500 033 Andhra Pradesh India  (72)Name of Inventor:  1)RAVI JANAKI RAMA RAO  2)THUMATI SATHISH  3)GHANTA NARESH  4)MUDDASANI PULLA REDDY  5)ADIBHATLA KALI SATYA BHUJANGA RAO  6)NANNAPANENI VENKAIAH CHOWDARY
--	--

### (57) Abstract:

The present invention relates to an improved and commercially viable process for the preparation of > 99.8% pure plerixafor base (1) by HPLC. The process of the present invention involves simple crystallization techniques to isolate the compounds at each step without employing the laborious column chromatography technique. The solid state characteristics of plerixafor base also discussed by PXRD, DSC and I.R spectroscopy.

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

(22) Date of filing of Application :07/08/2012

(43) Publication Date: 31/07/2015

# (54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR PROVIDING PRIORITY ROUTING AT A DIAMETER NODE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:H04L 12/28 :61/304,310 :12/02/2010 :U.S.A. :PCT/US2011/024611 :11/02/2011 : NA :NA	(71)Name of Applicant:  1)Tekelec Inc.  Address of Applicant:5200 Paramount Parkway Morrisville  NC 27560. U.S.A.  (72)Name of Inventor:  1)KANODE Mark Edward  2)TOMAR Mahesh  3)MARSICO Peter Joseph
		S)MIRSICO I etci ussepii
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Methods systems and computer readable media for providing priority routing at a Diameter node are disclosed. One exemplary method includes receiving at a Diameter message processor associated with a DSR a Diameter message from a first Diameter node. The method further includes assigning at the Diameter message processor a priority level indicator to the Diameter message. The method also includes routing the Diameter message with the priority level indicator to a second Diameter node. A second exemplary method includes receiving at a Diameter message processor associated with a DSR a Diameter message that includes a priority level indicator from a first Diameter node. The second method further includes applying at the Diameter message processor a routing action to the Diameter message based at least in part on the priority level indicator contained in the Diameter message.

No. of Pages: 59 No. of Claims: 34

(21) Application No.221/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD OF ENHANCING MULTI-PARTY CALL PROCEDURE IN A CODE DIVISION MULTIPLE ACCESS NETWORK

(51) Intermedianal alexaicantian	JIOAM	(71)Nome of Ameliant.
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG R&D INSTITUTE INDIA BANGALORE
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :# 2870, ORION Building, Bagmane
(86) International Application No	:NA	Constellation Business Park, Outer Ring Road, Doddanakundi
Filing Date	:NA	Circle, Marathahalli Post, Bangalore -560037, Karnataka, India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)EKKUNDI, Manasi
Filing Date	:NA	2)GUHA, Shouvik
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention provides a method for enhancing multi-party call procedure in a code division multiple access (CDMA) network. In one embodiment, the method comprises the steps of: receiving, by a base station, a flash with information message (FWIM) message from a user equipment (UE), wherein the FWIM message comprises information on a multi-party call enhancement operation to be performed on the UE, performing the multi-party call enhancement operation on the UE in response to the FWIM message received from the UE, and indicating the performed multi-party call enhancement operation on the UE. The multi-party call enhancement operation comprises one of a call switching, call merging, call rejecting/releasing and call answering.

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

(22) Date of filing of Application :25/06/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: INKJET RECORDING MEDIUM AND INK SET, AND INKJET RECORDING METHOD

(51) International classification	:C09D11/00	(71)Name of Applicant :
(31) Priority Document No	:2011- 142598	1)RICOH COMPANY, LTD. Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(32) Priority Date		OHTA-KU, TOKYO, 143-8555 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAGASHIMA, HIDEFUMI
Filing Date	:NA	2)GOTOU, HIROSHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A inkjet recording medium and ink set including ink containing water, a hydrosoluble organic solvent comprising an amide compound represented by the following Chemical Structure 1, a surface active agent; and a coloring agent, and a recording medium containing a substrate; and a coated layer on at least one side of the substrate, wherein the transfer amount of pure water to the recording medium having the coated layer is 2 ml/m to 35 ml/m2 during a contact time of 100 ms and 3 ml/m2 to 40 ml/m2 during a contact time of 400 ms when measured by a liquid dynamic absorption tester at 23 °C and 50 % RH:

No. of Pages: 68 No. of Claims: 7

(22) Date of filing of Application :23/06/2009 (43) Publication Date : 31/07/2015

### (54) Title of the invention: METHOD AND SYSTEM FOR UNAUTHORIZED CONTENT DETECTION AND REPORTING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:G06F15/16 :11/615,673 :22/12/2006 :U.S.A. :PCT/US2007/087750 :17/12/2007 :WO/2008/079768 :NA :NA	(71)Name of Applicant:  1)YAHOO! INC  Address of Applicant:#701 FIRST AVENUE, SUNNYVALE, CALIFORNIA 94089 U.S.A.  (72)Name of Inventor:  1)RONALD MARTINEZ  2)KRISTINA DINERMAN
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Systems and methods have been developed for detecting the use of rights in media, for example, where the use is based on a content files presentation on a network. Systems and methods have been developed for determining likely rights owners for content files. Systems and methods may detect and report such use to a purported owner of the rights. Systems and methods have also been developed for offering these rights owners structured, up-to-date online reviewing of the content files, takedown options with respect to the content files, and options to claim revenue generation related to the content files. These systems and methods may control the use of the content file on a network through charging royalties, distributing advertising revenues associated with the content file to the owner, attributing the content file to the owner, restricting access to the content file, using legal action, or through other techniques.

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

(21) Application No.4267/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date: 31/07/2015

## (54) Title of the invention: COATING LIQUID FOR FORMING METAL OXIDE THIN FILM METAL OXIDE THIN FILM FIELD EFFECT TRANSISTOR AND METHOD FOR MANUFACTURING FIELD EFFECT TRANSISTOR

(51) International :H01L21/368,H01L21/336,H01L29/786

classification

(31) Priority Document :2011261991

(32) Priority Date :30/11/2011 (33) Name of priority :Japan

country

(86) International

:PCT/JP2012/081426 Application No :28/11/2012

Filing Date

(87) International

**Publication No** 

:WO 2013/081167

(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)RICOH COMPANY LTD.

Address of Applicant: 3 6 Nakamagome 1 chome Ohta ku

Tokyo 1438555 Japan (72) Name of Inventor:

1)NAKAMURA Yuki 2) UEDA Naoyuki 3)ABE Yukiko 4)SONE Yuji

5)MATSUMOTO Shinji 6)TAKADA Mikiko 7)SAOTOME Ryoichi

### (57) Abstract:

A coating liquid for forming a metal oxide thin film includes: an inorganic indium compound; an inorganic calcium compound or an inorganic strontium compound or both thereof; and an organic solvent. An oxide semiconductor formed by coating the coating liquid is used for an active layer of a field effect transistor.

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

(21) Application No.7507/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR PERFORMING MBMS COMMUNICATIONS AND METHOD AND APPARATUS FOR RECEIVING MBMSS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:201110085858.9 :04/04/2011 :China :PCT/IB2012/000881 :28/03/2012 :WO 2012/137075 :NA	(71)Name of Applicant:  1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)CHAO Hua 2)HU Zhongji 3)WANG He 4)GODIN Philippe
(61) Patent of Addition to Application		3)WANG He
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Embodiments of the present invention provide a method and apparatus for performing MBMS service communications and a method and apparatus for receiving an MBMS service. Specifically there is provided a method for performing MBMS service communications comprising acquiring location area information of an MBMS service distribution; and notifying a UE of the location area information of the MBMS service distribution. Further there is provided a method for receiving an MBMS service comprising receiving location area information of an MBMS service distribution; comparing location information of a UE with the location area information of the MBMS service distribution; and determining whether to read an MCCH and MCCH information change notification based on a comparison result.

No. of Pages: 25 No. of Claims: 16

(22) Date of filing of Application :23/01/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: INTEGRATED AC/DC POWER DEVICE FOR HYBRID POWER SYSTEM

#### (57) Abstract:

An integrated AC/DC power device for hybrid power system is provided, by using power transformation between an engine and a battery unit so as to supply a driving electric power required for a motor. The integrated AC/DC power device includes an activation and electric generation unit, an electric control unit, an inverter unit, a voltage regulation unit, and a driving unit. The integrated AC/DC power device enhances the combustion efficiency of fuel-combustion engines, and reduces the size of power mechanism and the complexity of device control so as to reduce pollution produced from riding of fuel-combustion motorcycles in metropolitan areas, and to raise the efficiency of energy consumption.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A METHOD AND A SYSTEM FOR MANAGING A PLURALITY OF SEATS

		(71)Name of Applicant:
(51) International classification	:G06Q	
(31) Priority Document No	:NA	Address of Applicant :MOBME WIRELESS SOLUTIONS
(32) Priority Date	:NA	LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE,
(33) Name of priority country	:NA	NEAR TOWN HALL, KACHERIPPADY, COCHIN-682018,
(86) International Application No	:NA	KERALA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KUMAR, SUNIL
(61) Patent of Addition to Application Number	:NA	2)PARAKAL, DAVIS DOMINIC
Filing Date	:NA	3)GOPAL, HARI
(62) Divisional to Application Number	:NA	4)GOPAL, VISHNU
Filing Date	:NA	5)SANKAR, ANOOP
-		6)VIJAYKUMAR, SANJAY

#### (57) Abstract:

A method and a system for managing a plurality of seats are provided. A ticket management platform that communicates with a plurality of mobile devices is provided. The ticket management platform comprises a data acquisition module, a transmitter, a receiver, a verification module, and a status modification module. The data acquisition module acquires ticket information of a plurality of users from one or more ticket information sources on booking one or more seats by each of the users. The transmitter transmits a verification request within a virtual perimeter around a geographical location during a predefined time interval. The receiver receives verification responses from the mobile devices of the users. The verification module verifies the verification responses received by the receiver. The status modification module is responsible for modifying seat status of the seats based on the verified verification responses.

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

(21) Application No.453/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: NOVEL 4-(SUBSTITUTED PHENYL)-2-OX-1,2,34-TETRAHYDROPYRIMIDONE DERIVATIVES

(51) International classification	:C08L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR. S. NARASIMHAN
(32) Priority Date	:NA	Address of Applicant : ASTHAGIRI HERBAL RESEARCH
(33) Name of priority country	:NA	FOUNDATION, 162-A, PERUNGUDI INDUSTRIAL ESTATE,
(86) International Application No	:NA	PERUNGUDI, CHENNAI - 600 096 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)S. NARASIMHAN
(61) Patent of Addition to Application Number	:NA	2)D. PRIYA MATHARASI
Filing Date	:NA	3)S. DHAMODARAN
(62) Divisional to Application Number	:NA	4)M. KARTHIK ANANTH
Filing Date	:NA	

<sup>(57)</sup> Abstract:

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

The present invention relates to the tetrahydropyrimidone compounds, their process for the preparation and their uses.

(21) Application No.4647/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/05/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METAL DEPOSITION

(51) International classification (31) Priority Document No	:C25D5/48 :12/608,301	(71)Name of Applicant:  1)SHOCKINGS TECHNOLOGIES  Address of Applicant INC OF 5790 HELL VED
(32) Priority Date (33) Name of priority country	:29/10/2009 :U.S.A.	Address of Applicant :INC OF 5780 HELLYER AVENUE,SAN JOSE,CALIFORNIA-95138 U.S.A.
(86) International Application No Filing Date	:28/10/2010	(72)Name of Inventor : 1)KOSOWSKY LEX
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO2011/059769 :NA	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Systems and methods include depositing one or more materials on a voltage switchable dielectric material, hi certain aspects, a voltage switchable dielectric material is disposed on a conductive backplane. In some embodiments, a voltage switchable dielectric material includes regions having different characteristic voltages associated with deposition thereon. Some embodiments include masking, and may include the use of a removable contact mask. Certain embodiments include electrografting. Some embodiments include an intermediate layer disposed between two layers.

No. of Pages: 94 No. of Claims: 21

(21) Application No.785/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : CONNECTOR FOR CONNECTIONS VIA FLAT INTERFACE AND MEDIUM-VOLTAGE SUBSTATION COMPRISING SAME

(86) International Application No :NA (72) Name of Inventor : Filing Date :NA (13) Name of Inventor : I) BONFILS, JEAN-MICHEL :NA (61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA Filing Date :NA	

#### (57) Abstract:

To simplify electric connection, connectors (200) have been developed in which the connection interface to the switchgear units is flat, and the connecting end-piece (220) is standardized and forms a rigid shell (222). The connector (200) comprises a conducting insert (210) in an over-moulded compressible insulating elastomer (204). The connecting surfaces of the conducting insert (204) of the connection device (202) to the apparatuses are laid back with respect to the connection surfaces of the insulating support (204). When connection is performed with another device modified in similar manner, the insulating surfaces come into contact, and compression is then performed enabling the interface to be tightly sealed, while at the same time bringing the conducting surfaces into contact. To achieve a tight embedding between the conducting insert (224), the deformable insulating support (226) and the standardized rigid shell (220), the dimensions and internal shapes are adapted accordingly.

No. of Pages: 47 No. of Claims: 14

(21) Application No.2689/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CLAMPING DEVICE FOR WAX MODEL INJECTION MOLDING MACHINE

(51) International classification	:B22C7/02,B22C9/04,B29C33/22	(71)Name of Applicant:
(31) Priority Document No	:NA	1)YASUI & CO.
(32) Priority Date	:NA	Address of Applicant :3 7 4 Ikejiri Setagaya ku Tokyo
(33) Name of priority country	:NA	1540001 Japan
(86) International Application No	:PCT/JP2011/005193 :14/09/2011	(72)Name of Inventor : 1)YASUI Shinsaku
Filing Date (87) International Publication No	:WO 2013/038448	
<ul><li>(61) Patent of Addition to</li><li>Application Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

This clamping device for a wax model injection molding machine has: a mold stand having a flat surface for mounting a mold; a clamp head movable in the vertical direction with respect to the mold stand; a first guide means extending parallel to the direction of movement of that clamp head; and a pressing member engaged with the first guide member and movable along the first guide means. The pressing member has a second guide means extending parallel to the flat surface and the clamp head is movable along the second guide means. Thus a rubber mold for wax model molding can be pressed uniformly.

No. of Pages: 16 No. of Claims: 5

(22) Date of filing of Application :09/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MULTI CYLINDER ROTARY COMPRESSOR

(51) International classification	:F04C23/00,F04C18/356	(71)Name of Applicant:
(31) Priority Document No	:2011232872	1)MITSUBISHI ELECTRIC CORPORATION
(32) Priority Date	:24/10/2011	Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008310 Japan
(86) International Application No	:PCT/JP2012/077092	(72)Name of Inventor:
Filing Date	:19/10/2012	1)NAMURA Hisashi
(87) International Publication No	:WO 2013/061879	2)IWASAKI Toshiaki
(61) Patent of Addition to Application	:NA	3)KOKUBUN Shinobu
Number	:NA	4)ARAI Toshinori
Filing Date	.IVA	5)SHIRAHATA Tomohiro
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This multi cylinder rotary compressor (100) is provided with: a plurality of compression chambers (21a 21b) that are adjacent to each other; and a partition plate (35) divided into two division plates (42) the meeting surfaces (43) of the division plates (42) being pressed and secured against each other for partitioning mutually adjacent compression chambers. The meeting surface (43) of at least one of the division plates (42) has in the axial direction of the crank shaft (6) of a compression mechanism part (3) a cutout (48) forming an oil hole (51). The oil hole (51) communicates with an oil path (52a) penetrating cylinder blocks (33a 33b) of the compression mechanism (3) in the axial direction of the crank shaft (6).

No. of Pages: 31 No. of Claims: 6

(21) Application No.308/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PROCESS FOR PREPARATION OF DIMETHYL-(E)-BUTENEDIOATE

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :SHILPA MEDICARE LTD. 10/80,
(33) Name of priority country	:NA	RAJENDRA GUNJ, RAICHUR, KARNATAKA -584102,
(86) International Application No	:NA	INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BHAGATRAJ PIPAL
(61) Patent of Addition to Application Number	:NA	2)RAFIUDDIN
Filing Date	:NA	3)AKSHAYKANT CHATURVEDI
(62) Divisional to Application Number	:NA	4)RAVEENDRAREDDY UMMADI
Filing Date	:NA	

# (57) Abstract:

The present invention relates to a process for preparation of dimethyl-(E)-butenedioate (I). O (I) The process for preparation of dimethyl-(E)-butenedioate (I), comprises reaction of Fumaric acid with methanol in the presence of C2-C4 alkanoyl halide as coupling catalyst.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND SYSTEM FOR MANAGING SAFE TRANSPORT OF A PASSENGER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA ·NA	(71)Name of Applicant:  1)MOBME WIRELESS SOLUTIONS LTD  Address of Applicant: MOBME WIRELESS SOLUTIONS LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN-682018, KERALA, INDIA (72)Name of Inventor:  1)GOPALAKRISHNAN SREEKANTH SWARNAM 2)KUMAR, SUNIL 3)PARAKAL, DAVIS DOMINIC 4)MICHAEL, BINOY PRAKASH 5)GOPAL, VISHNU 6)SANKAR, ANOOP 7)VIJAYKUMAR, SANJAY
---	------------	--

## (57) Abstract:

The present invention provides a method and system for managing safe transport of a passenger in a vehicle. A transport management platform and a vehicle communication unit located on the vehicle, which communicates with the transport management platform, is provided. The transport management platform assigns the vehicle to a driver. The transport management platform identifies the driver and authenticates the driver for driving the vehicle. The transport management platform transmits driver details to the vehicle communication unit upon authentication of the driver. The transport management platform identifies the passenger and authenticates the passenger for boarding the vehicle by the transport management platform. The transport management platform determines whether the passenger has disembarked safely from the vehicle on reaching a destination of the passenger.

No. of Pages: 25 No. of Claims: 13

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A TOPICAL WOUND HEALING COMPOSITION

		(71)Name of Applicant:
		1)KING INSTITUTE OF PREVENTIVE MEDICINE AND
(51) International classification	:A61K31/00	RESEARCH
(31) Priority Document No	:NA	Address of Applicant :KING INSTITUTE OF PREVENTIVE
(32) Priority Date	:NA	MEDICINE AND RESEARCH, GUINDY, CHENNAI - 600 032
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)SRI RAMAKRISHNA MATH CHARITABLE
Filing Date	:NA	DISPENSARY AND DIAGNOSTIC CENTRE
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR. PALANI GUNASEKARAN
Filing Date	:NA	2)DR. SRINIVASAN SIVASUBRAMANIAN
(62) Divisional to Application Number	:NA	3)DR. MURUGESAN SAKTHIVADIVEL
Filing Date	:NA	4)SAMBASIVAM MOHANA
		5)DR. RAMASAMY SUBRAMANIYA BHARATHIYAR
		6)DR. MUTHURANGAN CHELLAMMAL

### (57) Abstract:

The present invention discloses a novel synergistic topical wound healing composition comprising of therapeutically effective amount of amnion, therapeutically effective amount of Aloe vera gel, therapeutically effective amount of curcumin and therapeutically effective amount of at least one matrix metalloproteinase inhibitor. The composition further includes at least one antimicrobial agent, at least one antioxidant, at least one preservative, and at least one stabilizing agent. The components of the composition are being present therein in a proportion producing a synergistic activity with regard to the wound healing property conferred. The composition can completely cover the wound area and is used in treating various types of wounds and ulcers of mammalian skin.

No. of Pages: 19 No. of Claims: 14

(21) Application No.10349/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR OBSCURING DIAMETER NODE INFORMATION IN A COMMUNICATION NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:H04L 29/02 , H04L 12/28 :61/351,923 :06/06/2010 :U.S.A. :PCT/US2011/039285 :06/06/2011 : NA	(71)Name of Applicant: 1)Tekelec Inc. Address of Applicant: 5200 Paramount Parkway Morrisville NC 27560 U.S.A. (72)Name of Inventor: 1)MCCANN Thomas Matthew 2)MARSICO Peter Joseph
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:NA :NA :NA :NA	

## (57) Abstract:

According to one aspect the subject matter described herein includes a system for a system for obscuring DIAMETER node information in a communication network. The system includes a DIAMETER agent platform. The DIAMETER agent platform includes a network interface for receiving a message from a first DIAMETER node. The DIAMETER agent platform further includes a DIAMETER information hiding module for modifying in the first message DIAMETER information for the first DIAMETER node so as to obscure the identity of the first diameter node. The diameter agent includes a routing module for routing the modified message to a second DIAMETER node.

No. of Pages: 28 No. of Claims: 19

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR PROVIDING WI-FI ACCESS TO MOBILE DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04W :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MOBME WIRELESS SOLUTIONS (P) LTD Address of Applicant: MOBME WIRELESS SOLUTIONS PVT. LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN- 682018, KERALA, INDIA (72)Name of Inventor: 1)GOPALAKRISHNAN, SREEKANTH SWARNAM 2)GOPAL, HARI 3)PARAKAL, DAVIS DOMINIC 4)GOPAL, VISHNU 5)SANKAR, ANOOP 6)VIJAYKUMAR, SANJAY 7)KUMAR, SUNIL
---	--	--

# (57) Abstract:

The present invention provides a system and method for providing wireless fidelity (Wi-Fi) access to a mobile device. The system and method includes receiving identity information of the mobile device from a virtual base transceiver station, sending a message to the mobile device, authenticating the mobile device and providing Wi-Fi access to the authenticated mobile device. The message sent to the mobile device includes a uniform resource locator (URL) for accessing the Wi-Fi.

No. of Pages: 32 No. of Claims: 10

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: COMMISSIONING OF LIGHTING SYSTEMS

(51) International classification	:H04L12/28,H05B37/02	(71)Name of Applicant:
(31) Priority Document No	:61/548349	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:18/10/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/055442	(72)Name of Inventor:
Filing Date	:09/10/2012	1)WANG Xiangyu
(87) International Publication No	:WO 2013/057626	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A lighting system that includes luminaires (1 2 3 4 5) installed at individual locations (R1 5) in premises is commissioned by placing auxiliary commissioning devices (6) in the premises at spaced apart locations and forming them into a wireless local network. The auxiliary commissioning devices each include a sensor (13) to detect light from the luminaires establishing the locations of the auxiliary commissioning devices in relation to the premises for example by using ranging on the basis of signal strengths of the devices (6) in the local network and detecting light emitted from the luminaires individually with the sensors (13) of the auxiliary commissioning devices such as to associate the luminaires with individual ones of the commissioning devices.

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

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A SOLAR PANEL MOUNTING ASSEMBLY

(51) International classification :F24J2/0 (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 :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED Address of Applicant:123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India 2)ROBERT BOSCH GMBH (72)Name of Inventor: 1)SANTHOSH V 2)MANJUNATHA THIMMAPPA 3)SHYAM SUNDER BHADYA 4)MARTIN GEIST
---	--

#### (57) Abstract:

A solar panel mounting assembly 100 comprises a frame 101, a connecting means 103 and a support structure 104. The frame 101 for supporting a solar panel 102 comprises at least one assembling point 101a on a surface of the frame 101 in contact with one irregular quadrilateral shaped connecting means 103, a toothed plate connecting means 106, and a telescopic connecting means 107. An assembling point 103a and 107a on the irregular quadrilateral shaped connecting means 103, and telescopic connecting means 107 is in contact with the frame 101, and a slot 106a on the toothed plate connecting means 106 engages the frame 101. An assembling point on a second surface of the irregular quadrilateral shaped connecting means 103, the toothed plate connecting means 106, and the telescopic connecting means 107 is in contact with the support structure 104. The assembling points are interconnected through removable fastening members 105.

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A FUEL INJECTION SYSTEM FOR A DUAL FUEL ENGINE AND A METHOD OF OPERATING A FUEL INJECTION SYSTEM

(51) International classification	:F02M63/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JEEMON P K
(61) Patent of Addition to Application Number	:NA	2)GIRISH MURALEEDHARAKURUP
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A fuel injection system for a dual fuel engine is disclosed. The fuel injection system comprises a fuel tank, pluralities of injectors and a fuel flow path. The fuel injection system is characterized by a low pressure feed pump located in the fuel flow path fluidly connecting the fuel tank and the pluralities of injectors. At least one flow valve is located in the flow path fluidly connecting to the pluralities of injectors. A check valve is located upstream of the at least one flow valve between the low pressure feed pump and the at least one flow valve. A control unit is adapted to control operation of the at least one flow valve located in the fuel flow path.

No. of Pages: 12 No. of Claims: 9

(22) Date of filing of Application :30/06/2009 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ABS AXLE PACKAGE FOR A MOTOR VEHICLE

(51) International classification	:B60T8/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WABCO-TVS (INDIA) LIMITED,
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES, 8
(33) Name of priority country	:NA	HADDOWS ROAD, CHENNAI- 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUNDARAMAHALINGAM SELVAMANI
(87) International Publication No	: NA	2)ARUMUGHAM GANESAMOORTHY
(61) Patent of Addition to Application Number	:NA	3)THAMEESDEEN SAHUL HAMEED
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

ABS axle package for a motor vehicle comprising two modulator valves integrated into a single body, receiving the relay and ATC solenoid valve, with a multilayer construction, the layers being flat members with cavities and passages, such that the layers permit flexibility in connecting the air passages between the relay valve and modulator valves.

No. of Pages: 16 No. of Claims: 3

(21) Application No.1958/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : AUTO-FOCUS CONTROL USING IMAGE STATISTICS DATA WITH COARSE AND FINE AUTO-FOCUS SCORES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> <li>Filing Date</li> </ul>	:G02B :12/873978 :01/09/2010 :U.S.A. :PCT/US2011/049121 :25/08/2011	(71)Name of Applicant: 1)APPLE INC. Address of Applicant: 1 INFINITE LOOP, MAIL STOP: 305-2VL, CUPERTINO, CALIFORNIA 95014 U.S.A. (72)Name of Inventor: 1)COTE GUY
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:WO/2012/030617 :NA :NA	2)FREDRIKSEN JEFFREY E.
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Techniques are provided for determining an optimal focal position using auto-focus statistics. In one embodiment, such techniques may include generating coarse and fine auto-focus scores for determining an optimal focal length at which to position a lens 88 associated with the image sensor 90. For instance, the statistics logic 680 may determine a coarse position that indicates an optimal focus area which, in one embodiment, may be determined by searching for the first coarse position in which a coarse auto-focus score decreases with respect to a coarse auto-focus score at a previous position. Using this position as a staning point for fine score searching, the optimal focal position may be determined by searching for a peak in fine auto-focus scores. In another embodiment, auto-focus statistics may also be determined based on each color of the Bayer RGB, such that, even in the presence of chromatic aberrations, relative auto-focus scores for each color maybe used to determine the direction of focus.

No. of Pages: 297 No. of Claims: 25

(21) Application No.210/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :17/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: LOCATION VALIDATION IN E-COMMERCE

		(71)Name of Applicant:
(51) International classification	:G06Q	
(31) Priority Document No	:NA	Address of Applicant :MOBME WIRELESS SOLUTIONS
(32) Priority Date	:NA	PVT. LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA
(33) Name of priority country	:NA	SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN-
(86) International Application No	:NA	682018, KERALA, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NEERAJ P.N.
(61) Patent of Addition to Application Number	:NA	2)PARAKAL, DAVIS DOMINIC
Filing Date	:NA	3)GOPAL, HARI
(62) Divisional to Application Number	:NA	4)GOPAL, VISHNU
Filing Date	:NA	5)SUNIL K.
-		6)VIJAYKUMAR, SANJAY

#### (57) Abstract:

The present invention provides a method for validating location of at least one customer in a transaction. The method includes receiving a shipping address and a mobile identity from the at least one customer, sending a sign-in request to a mobile device of the at least one customer via a telecommunication infrastructure to verify the received mobile identity of the at least one customer, receiving a sign-in response from the mobile device of the at least one customer via the telecommunication infrastructure, and validating the shipping address of the at least one customer. The sign-in response includes a verification response verifying the mobile identity of the at least one customer; and location of a tower in communication with the mobile device of the at least one customer. The shipping address is validated using the location of the tower in communication with the mobile device of the at least one customer.

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

(21) Application No.2555/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :03/04/2014

(43) Publication Date: 31/07/2015

# (54) Title of the invention: VISITED PCRF S9 SESSION ID GENERATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>		(71)Name of Applicant:  1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)YEUNG Lui Chu 2)MA Haiqing 3)MANN Robert A.
---	--	---

#### (57) Abstract:

Various exemplary embodiments relate to a method performed by a network node for generating a S9 session ID the method including: receiving at the network node an attachment request from a user equipment (UE); creating a DIAMETER session ID; attaching a timestamp and UE ID to the DIAMETER session ID resulting in a S9 session ID; and initiating a S9 session with a home PCRN using the S9 session ID.

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

(21) Application No.832/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: ROLLER BEARING BACKING RING ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>		(71)Name of Applicant: 1)AMSTED RAIL COMPANY, INC. Address of Applicant:311 S. WACKER, SUITE 5300, CHICAGO, ILLINOIS 60606 U.S.A. (72)Name of Inventor: 1)PAUL A. HUBBARD
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	: NA :NA :NA :NA :NA	2)MICHAEL A. MASON

#### (57) Abstract:

A novel assembly for a railcar axle bearing is presented. The assembly includes a backing ring affixed to the fillet of the journal of an axle and a locking ring for further affixing the backing ring the journal. The locking ring has an inboard end affixed to the dust guard of the axle and an outboard end for engaging the backing ring. The locking ring may include a resilient sealing ring.

No. of Pages: 33 No. of Claims: 14

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A METHOD FOR REDUCING BATTERY POWER CONSUMPTION OF USER EQUIPMENT (UE) DURING MANUAL CSG SELECTION

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung R & D Institute India- Bangalore
(32) Priority Date	:NA	Address of Applicant :# 2870, Orion Building, Bagmane
(33) Name of priority country	:NA	Constellation Business Park, Outer Ring Road, Doddanekundi
(86) International Application No	:NA	Circle, Marathahalli Post, Bangalore-560037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Nitesh Pushpak Shah
(61) Patent of Addition to Application Number	:NA	2)Pavan Kumar Devarayanigari
Filing Date	:NA	3)Dandra Prasad Basavaraj
(62) Divisional to Application Number	:NA	4)Vijay Ganesh Surisetty
Filing Date	:NA	

## (57) Abstract:

A method for connecting to a Registered Public Land Mobile Network (RPLMN) after receiving an accept message with limited service from a user selected CSG cell, which is associated to a different PLMN than the RPLMN during manual CSG selection mode is disclosed. The method includes connecting to the RPLMN based on the availability of the user selected CSG cell in UTRAN. If the user selected CSG cell is not available in UTRAN, then the method includes connecting to the RPLMN by the UE using the stored duplicate value of the RPLMN. If the user selected CSG cell is available in UTRAN, then the method includes sending an ATTACH request to the user selected CSG cell without disabling the EUTRA capabilities. If the ATTACH request is failed, then the method includes connecting to the RPLMN using the stored duplicate value of the RPLMN.

No. of Pages: 37 No. of Claims: 13

(21) Application No.2594/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/06/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: EXCAVATOR ELECTRO LIFTING MAGNET

(51) International classification	·F02F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ELECTRO FLUX EQUIPMENT PVT LTD
(32) Priority Date	:NA	Address of Applicant :31A/22, SIDCO INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, AMBATTUR, CHENNAI 600 098 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)A. SENTHIL KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A method and apparatus for controlling an electromagnetic lifting device comprised of 5 electromagnetic coil arranged in housing and fixed in excavator boom, which can be operated by a plurality of electrical power sources. An electro lifting magnet is mounted on the bottom of the boom of the excavator and is powered through an alternator mounted on the platform of the excavator which is driven by the engine main shaft by connecting it through pulley and belt. The alternator is electrically connected to the control panel which is electrically connected to the electro lifting magnet.

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

(21) Application No.2676/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010 (43) Publication Date : 31/07/2015

# (54) Title of the invention : APPARATUS FOR WARNING OF AN EXPIRATION DATE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:A61B :098220805 :- :Taiwan :NA :NA :NA	(71)Name of Applicant: 1)Chia-Wen CHEN Address of Applicant:No. 72 Chaoguei Rd. Situn District Taichung City 407 TAIWAN (R.O.C.) Taiwan (72)Name of Inventor: 1)Chia-Wen CHEN
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

### (57) Abstract:

An apparatus for warning of an expiration date includes a casing, a processing unit located in the casing, and an attachment unit connected to the casing. The processing unit includes a power supply unit, a switch and a warning unit electrically connected to one another. The warning unit warns a user of the expiration date of an object when the expiration date is reached. The attachment unit is connected to the casing. The attachment unit can be detachably attached to the object.

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

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A METHOD AND SYSTEM FOR EXTENDING BATTERY POWER AT CELL STIES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H01M10/00 :NA :NA	(71)Name of Applicant: 1)TEJAS NETWORKS LTD Address of Applicant: PLOT NO. 25, JP SOFTWARE PARK,
(33) Name of priority country	:NA	ELECTRONICS CITY, PHASE-1, HOSUR ROAD,
(86) International Application No	:NA	BANGALORE - 560 100 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIVEK SHENOY
(61) Patent of Addition to Application Number	:NA	2)VINOD A N
Filing Date	:NA	3)PATIL MAKARAND KRISHNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The various embodiments of the present invention provide a method and system for extending battery power at cell sites. The method for extending battery power at cell sites comprises providing a combination of a valve-regulated lead-acid battery (VRLA) and a Li-ION battery, mixing cell chemistry of the VRLA battery and the Li-ION battery and charging the VRLA-Li-ION battery combination with a single charger circuit. The method further comprises providing a rectifier for the cell chemistries of both the VRLA battery and the Li-ION battery and activating each of the battery based on the power available. The Li-ION battery is the primary battery and the VRLA battery is the secondary battery. The charging current through the VRLA battery is regulated by varying a pulse width of a high current switch based on the current read through the current sensor attached to a VRLA current path. 10 Claims, 4 Drawing Sheets

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

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PRECURSOR OF POLYMERIZABLE COMPOUND

(51) International classification :C07D4 (31) Priority Document No :2012- 065144 (32) Priority Date :22/03/2 (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	Address of Applicant :26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620 Japan
---	--

### (57) Abstract:

A compound represented by formula (I): Formula (i) wherein, in formula (I), R represents a hydrogen atom or an alkyl group having 1 to 4 carbon atom(s); Ra represents a hydrogen atom, an alkyl group, an aryl group, or a heterocyclic group; X represents a halogen atom, or an alkyl- or aryl-sulfonyloxy group; L represents a divalent linking group; Z represents a (n + 1)-valent organic group; and n represents an integer of 1 to 6, a plurality of Rs and Ras and Xs may be the same or different from each other, respectively, and when n represents 2 to 6, a plurality of Ls may be the same or different from each other.

No. of Pages: 29 No. of Claims: 7

(21) Application No.1309/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 31/07/2015

# (54) Title of the invention: SCAN START AND/OR END POSITION IDENTIFIER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:61/374009 :16/08/2010 :U.S.A.	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: Groenewoudseweg 1 NL 5621 BA Eindhoven Netherlands (72)Name of Inventor: 1)DURGAN Jacob 2)COHN Nabi Abraham 3)CRESSMAN John 4)RICHARDS James Thomas 5)GOTMAN Shlomo
---	--------------------------------------	--

#### (57) Abstract:

A subject support (118) for an imaging system (100) includes a moveable portion (122) that includes a surface (204) on which the subject is loaded and that is configured to move into an examination region of the imaging system where the subject is to be scanned. The support further includes a scan position identifier (126) that generates a signal indicative of at least one of a start scan position or an end scan position for a predetermined region of interest of the subject based on a location of the region of interest on the moveable portion of the subject support for an arbitrary relative position of the moveable portion with respect to the examination region.

No. of Pages: 27 No. of Claims: 23

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PATIENT INFORMTION RETRIEVAL

		(71)Name of Applicant:
		1)MOBME WIRELESS SOLUTIONS LTD
(51) International classification	:A61B	Address of Applicant :MOBME WIRELESS SOLUTIONS
(31) Priority Document No	:NA	LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE,
(32) Priority Date	:NA	NEAR TOWN HALL, KACHERIPPADY, COCHIN-682018,
(33) Name of priority country	:NA	KERALA, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOPALAKRISHNAN, SREEKANTH SWARNAM
(87) International Publication No	: NA	2)GOPAL, HARI
(61) Patent of Addition to Application Number	:NA	3)PARAKAL, DAVIS DOMINIC
Filing Date	:NA	4)MICHAEL, BINOY PRAKASH
(62) Divisional to Application Number	:NA	5)SANKAR, ANOOP
Filing Date	:NA	6)KUMAR, SUNIL
		7)GOPAL,VISHNU
		8)VIJAYKUMAR, SANJAY

### (57) Abstract:

The present invention provides a method and a system for retrieving medical information of a patient. The method and system includes receiving a first identifier associated with the patient and a second identifier associated with a medical practitioner. Further, the method and system includes transmitting an authorization request to a mobile device of the medical practitioner. The authorization response from the medical practitioner. The authorization response includes a mobile identity of the medical practitioner. Additionally, the method and system includes authorizing the medical practitioner based on the received authorization response. In addition, the method and system includes retrieving the medical information of the patient upon successful authorization of the medical practitioner.

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

(22) Date of filing of Application :01/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SPOT WELDING SYSTEM AND CONTROL DEVICE FOR SPOT WELDING ROBOT

(51) International classification	:B23K11/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 146784	1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(32) Priority Date	:29/06/2012	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(33) Name of priority country	:Japan	0004 Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TAKEMOTO FUMIHIKO
(87) International Publication No	: NA	2)MIYAZATO TOSHITAKA
(61) Patent of Addition to Application Number	:NA	3)MINE MICHIHARU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A spot welding system according to an embodiment includes a spot welding robot and a control device. The spot welding robot has a plurality of joint axes and includes a plurality of motors in correspondence with the joint axes. The control device drives the motors. Furthermore, the control device includes a capacitor that accumulates regenerative electric power generated from the motor.

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

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ELECTRICAL CONNECTOR ASSEMBLY AND ELECTRICAL CONNECTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:H01R13/00 :201220075242.3 :29/02/2012 :China :NA	Address of Applicant :NO. 6 GUL STREET 5, SINGAPORE 629216 Singapore (72)Name of Inventor :
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA : NA :NA :NA :NA	1)HSIEH CHING HO 2)FU CHUN HSIANG 3)TAI YUNG-YU
Filing Date	:NA :NA	

#### (57) Abstract:

An electrical connector assembly comprising first and second electrical connectors mated with each other along a mating direction is provided, wherein the first electrical connector comprises a first connector housing which comprises a front segment, a rear segment and a middle cutout, the middle cutout being between the front segment and the rear segment and opening at three sides, wherein the second electrical connector comprises a second connector housing which comprises a pair of latches, each of the latches comprising a latching hook, wherein in a state that the first electrical connector is mated with the second electrical connector, the front segment abuts against the second connector housing, the latching hooks of the pair of latches are locked in the middle cutout by the front segment, and the latching hooks are accessible from outside via the middle cutout, and wherein the middle cutout is configured to have a width in the mating direction and a height in a radial direction which are so determined that the latching hooks are prevented from being accessed and released by a finger of a person from outside. An electrical connector of the type described above is also provided.

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

(21) Application No.3062/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: THERAPEUTIC COMBINATIONS AND METHODS OF TREATING MELANOMA

(51) International classification :A61K38/00,A61K39/395,A61P35/00

(31) Priority Document No :61/552893 (32) Priority Date :28/10/2011

(32) Priority Date :28/10/201 (33) Name of priority :U.S.A.

country .U.S.A.

(86) International Application No :PCT/US2012/061533

Filing Date :24/10/2012

(87) International Publication No :WO 2013/063001

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

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

(71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

Address of Applicant: Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72)Name of Inventor:1)POLAKIS Paul2)ASUNDI Jyoti3)CLARK Suzanna

# (57) Abstract:

The invention provides therapeutic combinations of anti ETBR antibodies and MAP kinase inhibitors and methods of using the same to treat melanoma.

No. of Pages: 122 No. of Claims: 77

(21) Application No.3063/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :23/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: POWER CONVERSION DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :PCT/JP2011/073102 :06/10/2011 :WO 2013/051133 :NA :NA	(71)Name of Applicant:  1)Mitsubishi Electric Corporation    Address of Applicant: 7 3 Marunouchi 2 chome Chiyoda ku Tokyo 1008310 Japan (72)Name of Inventor:  1)SUGAHARA Tetsuo 2)KOBAYASHI Tomohiro 3)NAKAGAWA Ryosuke
Filing Date	:NA	

## (57) Abstract:

A power conversion device (18) is configured so as to cool switching elements by using a built in ebullient cooling device utilizing a boiling phenomenon of a refrigerant. The power conversion device (18) has a control unit (17) that controls the operation of the power conversion device (18) on the basis of the differential between element mounting surface temperature (Tf) that is the temperature of the surface on which the switching elements are mounted and cooling device intake air temperature (Ta). When the differential between element mounting surface temperature (Tf) and the cooling device intake air temperature (Ta) exceeds a predetermined threshold value the control unit (17) performs control for stopping the power conversion device (18).

No. of Pages: 61 No. of Claims: 16

(21) Application No.3582/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011 (43) Publication Date : 31/07/2015

# (54) Title of the invention: FERMENTATION OF COCONUT MILK TO MANUFACTURE SWEET TODDY

(51) International classification	:C12P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAMPUZHACKAL THOMAS GEORGE VAIDYAR
(32) Priority Date	:NA	Address of Applicant :MAMPUZHACKAL(H),
(33) Name of priority country	:NA	CHEMPERI(P.O), KANNURE(DT) - 670 632 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAMPUZHACKAL THOMAS GEORGE VAIDYAR
(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	
7.25		

### (57) Abstract:

The nethod of fermeatatioa of eocoaut milk to manufacture p---e»t toddy is a simple process. According to this method about 25 wt.% of coconut railk is oombiaed with about 7 wt. % of water and about 5 wt. % of sagar to make a coagulant. Thea beat the coagulant ia a teraprature of about 11Q degree eeategradas for five aiautes and inaoculate with a viable culture for fermentation up to twelve hours.

No. of Pages: 5 No. of Claims: 4

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: TONGUE OPERATED SWITCHING MODULE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA :NA	(71)Name of Applicant:  1)SAMRAT  Address of Applicant: E-311, VIT MENS HOSTEL, VIT  UNIVERSITY, VELLORE - 632 014 Tamil Nadu India  2)DR. DEVENDRA SINGH  (72)Name of Inventor:
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	1)SAMRAT 2)DR. DEVENDRA SINGH
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: 8 No. of Claims: 6

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: TEXT INPUT SYSTEM AND METHOD

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G06F3/00 :260/CHE/2013 :21/01/2013	(71)Name of Applicant:  1)KEYPOINT TECHNOLOGIES INDIA PVT. LTD.  Address of Applicant: 9TH FLOOR, QUADRANT 1, CYBER
(33) Name of priority country	:India	TOWERS, HITEC CITY, HYDERABAD - 500 081 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)PRIMA DONA KURIAN
(61) Patent of Addition to Application Number	:NA	2)SANDEEP YELUBOLU
Filing Date	:NA	3)NAVEEN DURGA
(62) Divisional to Application Number	:NA	4)SUMIT GOSWAMI
Filing Date	:NA	5)SUNIL MOTAPARTI

### (57) Abstract:

The present invention relates to a computer-implemented method for inputting text into an electronic device (10). The method includes selecting a first set of candidate words stored in a database. At least one of the first set of candidate words is then displayed on a screen (20) for selection by a user. The user generates a continuous input pattern (420; 540) and the method identifies one or more candidate words disposed along or proximal to the continuous input pattern (420; 540). The one or more identified candidate words are then input into a text entry field (430). The method includes refreshing the displayed candidate words when the continuous input pattern (420; 540) traces a predefined refresh gesture or enters/exits a predefined region (545).

No. of Pages: 93 No. of Claims: 48

(22) Date of filing of Application :06/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD, SYSTEM AND APPARATUS FOR PRESENTING A QUESTIONNAIRE

(51) Intermetional alogaification	·C06020/00	(71) Nome of Applicant
(51) International classification	-	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUBBLE NETWORKS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :#16, IIA, SBI COLONY, 3RD BLOCK,
(33) Name of priority country	:NA	KORAMANGALA, BANGALORE Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRANAV KUMAR JHA
(87) International Publication No	: NA	2)KONANOOR NAGARATNA SRIRAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A survey system is provided for displaying a question image representing a survey question and a plurality of option images for a user or participant to select an answer for the question image. The survey system associates quality attributes of the selected answer image to the question image. In one embodiment, the question image represents a character perceived with a particular quality and the options images represent products or brands. The question image may be statically placed on a display while options images are moved on the display area posing challenges in selecting. A text attribute is stored in the database wherein the test attribute represents one or more quality of the character or image. Accordingly the corresponding text attribute is used to prepare a survey report based on the user selection.

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

(21) Application No.521/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: A METHOD FOR SYNCHRONIZING MOVEMENT OF VEHICLES

(51) International classification	:B60L11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VOLVO INDIA PVT LTD
(32) Priority Date	:NA	Address of Applicant :YALACHAHALLI, TAVAREKERE
(33) Name of priority country	:NA	POST, HOSKOTE, BANGALORE 562 122 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)K. PRATHYUSHA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The invention provides a method for synchronizing movement of a plurality of vehicles. The method comprises associating a base station unit and a plurality of communication units with the plurality of vehicles. The method further comprises utilizing the plurality of communication units to facilitate communication of voice data via the base station unit for synchronizing the movement of the plurality of vehicles.

No. of Pages: 21 No. of Claims: 9

(22) Date of filing of Application :11/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CIRCUIT FOR SYNCHRONOUSLY SWITCHING SERIES CONNECTED ELECTRONIC SWITCHES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01H47/00 :201210392576.8 :16/10/2012 :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 (72)Name of Inventor: 1)WU, Tao 2)CHEN, Kunlun 3)ZHANG, Yingqi 4)ZHANG, Fan 5)HAO, Xin
---	---	--

#### (57) Abstract:

Abstract of the Invention A circuit includes first and second electronic switches, first and second excitation circuits, and first and second inductors. The first and second electronic switches are electrically coupled in series. The first and second excitation circuits are used for respectively controlling the first and second electronic switches to be turned on and turned off and are configured to synchronously switch the first and second electronic switches. The first inductor is electrically coupled between the first excitation circuit and the first electronic switch, for transmitting the switch control signal of the first excitation circuit to the first electronic switch, for transmitting the switch control signal of the second electronic switch.

No. of Pages: 35 No. of Claims: 20

(22) Date of filing of Application :21/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD AND APPARATUS FOR CREATING VORTEX OF WATER

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA	(71)Name of Applicant: 1)Siddaganga Institute of Technology, An Institution of Sree Siddaganga Education Society Address of Applicant: B.H Road, Tumkur - 572 103,
(86) International Application No	:NA	Karnataka, India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)T.Gangadharaiah
(61) Patent of Addition to Application Number	:NA	2)Abhinav Bhaskar
Filing Date	:NA	3)Ankur Shandilya
(62) Divisional to Application Number	:NA	4)Gaurav Kumar
Filing Date	:NA	

#### (57) Abstract:

According to an aspect of the present disclosure, an apparatus in the form of section of a pipe is used. Water is used as a liquid in the pipe. An injector pipe of comparably smaller diameter smaller diameter is connected tangentially to this pipe with respect to its radial cross-section. Forced exit of the water in the generator pipe into the container formed by the pipe results in creation of uniform circular motion into the column of water with-in it. This continuous force builds up a strong vertex at the open end of the pipe with higher suction rate or draw towards its cavity. Conventionally, applying rotational force at open ended surface itself creates a vortex. Two of these types of vortex generators are combined together in a mutually aiding direction. The resulting vortex has higher efficiency and resulting in with deeper cavity and suction force. In one embodiment, this mechanism is used to draw the objects, materials and/or contents out of the commode.

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

(22) Date of filing of Application :21/08/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR SERVICE DETECTION OVER AN RX INTERFACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04L 12/14 :61/303,968 :12/02/2010 :U.S.A. :PCT/US2011/024753 :14/02/2011 : NA :NA :NA	(71)Name of Applicant:  1)Tekelec Inc.  Address of Applicant:5200 Paramount Parkway Morrisville  NC 27560 USA. U.S.A.  (72)Name of Inventor:  1)RILEY Yusun Kim  2)BANIEL Uri  3)MARSICO Peter Joseph
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

According to one aspect the subject matter described herein includes a method for communicating service data flow (SDF) event information. The method includes steps occurring at a policy charging and rules function (PCRF) node. The method also includes communicating via an Rx interface a request to a deep packet inspection (DPI) node to be notified when an SDF event occurs. The method further includes receiving notification from the DPI node that the SDF event has occurred.

No. of Pages: 26 No. of Claims: 34

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SOLAR PANEL WITH SOLAR CHARGING SYSTEM FOR MOTOR VEHICLES

(51) International classification	:F24J2/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PRADEEP RAMDEO
(32) Priority Date	:NA	Address of Applicant :1205 COMMONWEALTH AVENUE
(33) Name of priority country	:NA	#1, BRONX, NEW YORK 10472 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRADEEP RAMDEO
(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 sunroof panel is provided with a solar charging system for motor vehicles which includes a solar panel sunroof installed in an opening in a roof of the motor vehicle to convert solar energy from the sun into electrical energy and send the electrical energy to a battery in the motor vehicle. The system has 12-24 VDC and charge level indicator. The electronic equipment within the motor vehicle is electrically connected to the battery to receive supplemental power in order to be utilized by a driver of the motor vehicle.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SHALLOW BORES TO AVOID FLOODING OF ROADS

(51) I	E02E1 (00	(71) N
(51) International classification	:E03F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. VELASWAMY
(32) Priority Date	:NA	Address of Applicant :PLOT NO.144, KRISHNAGIRI
(33) Name of priority country	:NA	LAYOUT, NEAR VINAYAKA LAYOUT, KODIPALYA,
(86) International Application No	:NA	KENGERI, BANGALORE - 560 060 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)K. VELASWAMY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

At present certain measures are taken to minimize flooding of roads by civic authorities which are very expensive, time consuming and sometimes causing traffic hazards for moving vehicles. The shortcomings are avoided by the new method/process now conceived as follows. Instead of pits or wells only bores are bored by simple machines like auger at convenient locations in the side drains of the road for a depth of 6 meters or so and they are lined with perforated P.V.C pipes which is extended by a metallic pipe of same diameter with slots all around on the top of the bore which receives the runoff water and divert it to bore where the water is sucked by natural ground, thereby n recharge ot only flooding of top roads are mitigated and at the same time, this excess water is used to raise the ground water table which is going down fast causing concern to govts & public

No. of Pages: 8 No. of Claims: 4

(22) Date of filing of Application :05/07/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : APPARATUS FOR SEPARATING INDIVIDUAL FLAT, BENDABLE OBJECTS FROM THE UNDERSIDE OF A STACK OF SUCH OBJECTS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B65H3/00 :1182/12 :27/07/2012	(71)Name of Applicant:  1)FERAG AG  Address of Applicant :ZURICHSTRASSE 74 8340 HINWIL
(33) Name of priority country	:Switzerland	
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KELLER ALEX
(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 an apparatus (1) for separating individual flat, bendable objects (2) from the underside of a stack (30) of such objects (2). The apparatus includes a stacking area (31) having a support region (14), a roller arrangement produced from a plurality of rollers (9), said roller arrangement supporting the stack (30) from below in the support region (14), as well as separating and holding means (4, 5) for separating the objects (2) from the underside of the stack (30). The rollers (9) of the roller arrangement are guided along a circular path (11) so as to be movable past under the stack (30) in the support region (14). The apparatus (1) further includes a supporting and stopping device (32) having a supporting and stopping means (33) for positioning the supporting and stopping means (33) in a holding position between the stack (30) and the rollers (9) of the roller arrangement.

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

(21) Application No.4144/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/09/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: WASHING MACHINE AND CONTROL METHOD FOR THE SAME

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:10-2012- 0105692	(71)Name of Applicant:  1)LG ELECTRONICS INC. Address of Applicant:20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea (72)Name of Inventor: 1)CHUNG, BOSUN 2)CHOI, KIHOON 3)PARK, SOONAN
---	----------------------	---

### (57) Abstract:

A washing machine is capable of determining whether measured vibration has been caused by noise or by rotation of the inner tub. The washing machine measures vibration occurring during rotation of the inner tub and performs control operation to address causes of vibration or prevent the washing machine from toppling in the case that the vibration has actually been caused by rotation of the inner tub.

No. of Pages: 52 No. of Claims: 20

(21) Application No.1683/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CARGO HANDLING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:2011- 265183	(71)Name of Applicant:  1)KABUSHIKI KAISHA YASKAWA DENKI Address of Applicant:2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- 0004 Japan (72)Name of Inventor: 1)YOSHIHARA, HIDEMASA
---	------------------	--

#### (57) Abstract:

A cargo handling system includes a crane and a power supply device. The crane includes an electrical storage device, a crane driving unit, and a charge instructing unit. The electrical storage device accumulates an electric power supplied from the power supply device. The crane driving unit utilizes the electric power accumulated in the electrical storage device and the electric power supplied from the power supply device as driving sources. The charge instructing unit outputs a charge instruction making charging the electrical storage device with an electric power to the electrical storage device in such a manner that the storage amount of the electrical storage device becomes a predetermined target value on the basis of the state of the electrical storage device and the state of the crane.

No. of Pages: 49 No. of Claims: 9

(21) Application No.517/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SOLAR RECEIVER PANEL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:NA :NA	(71)Name of Applicant:  1)SENER INGENIERIA Y SISTEMAS, S.A. Address of Applicant: AVDA. DE ZUGAZARTE, 56, E- 48930 LAS ARENAS-GETXO (VIZCAYA) Spain
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LATA PEREZ, JESUS MARIA
(87) International Publication No	: NA	2)BAYON SANZ, PEDRO ANGEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A solar receiver panel comprising a header comprising header body (18, 18) having a header wall surrounding an inner chamber (11, IV), at least one access opening (21, 21) communicating with the inner chamber (11, IV) with a substantially spherical shape for connecting a fluid pipe, and a plurality of junction nozzles (16,16) provided in the header wall which are connectable to respective solar absorption pipes (14) wherein at least one of the junction nozzles (16,16) are located in a spherical segment of the inner chamber (11, 11) that is transversally opposed to said access opening (21, 21), been the access opening (21, 21), inner chamber (11, 11) and nozzles (16, 16) arranged to allow a thermal fluid to flow there through,

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

(21) Application No.4279/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :09/06/2014

(43) Publication Date: 31/07/2015

## (54) Title of the invention: OPTICALLY ACTIVE BISOXAZOLINE COMPOUND ASYMMETRIC CATALYST AND METHOD FOR PRODUCING OPTICALLY ACTIVE CYCLOPROPANE COMPOUND USING SAID CATALYST

(51) International

:C07F7/18,B01J31/22,C07C67/333 classification

(31) Priority Document No :2011248357 (32) Priority Date :14/11/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/079592

No

:08/11/2012 Filing Date

(87) International Publication

:WO 2013/073596

(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)SUMITOMO CHEMICAL COMPANY LIMITED

Address of Applicant: 27 1 Shinkawa 2 chome Chuo ku Tokyo

1048260 Japan

(72) Name of Inventor:

1)MATSUMOTO Tsutomu 2)MASUMOTO Katsuhisa

3)TANAKA Akio

## (57) Abstract:

An optically active bisoxazoline compound represented by formula (1) (wherein R R and R independently represent an alkyl group having 1 to 8 carbon atoms a phenyl group or a benzyl group; n represents an integer of 0 to 3; and represents an asymmetric center).

No. of Pages: 101 No. of Claims: 15

(22) Date of filing of Application :09/06/2014

(43) Publication Date: 31/07/2015

# (54) Title of the invention : MACROSTRUCTURE FORMING SURFACTANTS USEFUL AS SPRAY DRIFT CONTROL AGENTS IN PESTICIDE SPRAYING APPLICATIONS

(51) International classification :A01N25/04,A01N25/30,A01N39/04

(31) Priority Document No :61/581395

(32) Priority Date :29/12/2011 (33) Name of priority

country :U.S.A.

(86) International :PCT/EP2012/076535

Application No :21/12/2012

Filing Date :21/12/2012

(87) International Publication No :WO 2013/098220

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

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

(71)Name of Applicant:

1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.

Address of Applicant :Stationsstraat 77 NL 3811 MH

Amersfoort Netherlands (72)Name of Inventor: 1)SUN Jinxia Susan 2)ZHU Shawn

3)MURRAY Martin W. 4)BOONE Marcus

5)WALTERS Michael 6)YUAN HUFFMAN Qingwen Wendy

7) PUGLISI Christine

## (57) Abstract:

The present invention relates to an aqueous agrochemical spray solution containing an agrochemical active and a surfactant. The spray solution comprises a dispersed phase comprising dispersed particles which have an average particle size between 1 to 100 microns and the concentration of said dispersed particles is from about 0.001 to 5 wt%. The aqueous agrochemical spray solution is capable of reducing the volume of the fine droplets in mist whose size is less than 150 microns during spraying by at least 20% compared to the same aqueous spray solution without the presence of the surfactant. The present invention also relates to a method of reducing the spray drift of an aqueous agrochemical spray solution upon spraying with a spraying apparatus. The method includes adding the surfactant to the aqueous agrochemical spray solution in an amount effective to form the dispersed phase.

No. of Pages: 32 No. of Claims: 62

(22) Date of filing of Application :11/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: METHOD, SYSTEM AND APPARATUS FOR DEPLOYING A DRAG SAIL

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:B63H :NA :NA :NA	(71)Name of Applicant: 1)Siddaganga Institute of Technology An Institution of Sree Siddaganga Education Society Address of Applicant: B.H Road, Tumkur - 572 103,
(86) International Application No	:NA	Karnataka, India.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)B. Shashank
(61) Patent of Addition to Application Number	:NA	2)Mir Mohammad Furqan
Filing Date	:NA	3)Umashankar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

According to an aspect of the present disclosure, mechanical way of deploying a drag sail is proposed. According to another aspect of the present disclosure, telescope support structure (TSS) is used to provide stiffness or stiffness to the sail embodiment. Several embodiments are described below, with reference to diagrams of illustration. It should be understood that numerous specific details are set forth to provide a full understanding of the invention. One skilled in the relevant art, however, will readily recognize that embodiments may be practiced without one or more of the specific details, or with other methods, etc. In other instances, well-known structures or operations are not shown in detail to avoid obscuring the features of the invention.

No. of Pages: 14 No. of Claims: 1

(22) Date of filing of Application :25/04/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: VARIABLE SPEED WIND TURBINE USING FRICTION DRIVES

(51) International classification	:F03D11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(32) Priority Date	:NA	Address of Applicant :OLD NO.6, NEW NO.62, 12TH
(33) Name of priority country	:NA	AVENUE, ASHOK NAGAR, CHENNAI 600 083 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VALAGAM RAJAGOPAL RAGHUNATHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A variable speed wind turbine with movable friction drives for constantly maintaining a relative speed between a main driving means and rolling means to eliminate a variable slip along a line of contact, to maintain allowable grid frequency and to generate power even in variable wind speed condition by controlling corresponding radius ratio and speed transfer ratio between both main driving means (1) and rolling means (3) via moving means with respect to variable rotor speed condition, the said wind turbine comprises of at least one main driving means(1), a rotor assembly(4), a tower assembly(5), plurality of moving means(6), plurality of supporting means(7), plurality of generators(2) with shaft (9) and plurality of rolling means (3),

No. of Pages: 32 No. of Claims: 16

(21) Application No.4230/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: BIOMETRIC MATCHING SYSTEM

(51) Intermetional elegification	:G06F	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:11306347.3	1)Accenture Global Services Limited
(32) Priority Date	:18/10/2011	Address of Applicant :3 Grand Canal Plaza Grand Canal
(22) Name of mission and many	:EUROPEAN	Street Upper Dublin 4 Ireland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)PARTINGTON Alastair Ross
Filing Date	:NA	2)CAVALLINI Alessio
(87) International Publication No	: NA	3)BATALLER Cyrille
(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 concerns a method of identifying a biometric record of an individual in a database comprising a plurality of biometric records each record comprising at least one reference biometric sample the method comprising: receiving by a biometric identification unit (202) an input biometric sample with associated source information; selecting by the biometric identification unit using a reference table (210) and based on said source information a matching process; and applying by said biometric identification unit said selected matching process to at least some of said biometric records of said database to determine whether said input biometric sample matches a reference biometric sample of one of said biometric records.

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

(22) Date of filing of Application :06/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: SOLID-STATE IMAGE SENSING DEVICE

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:2012- 026422	1)CANON KABUSHIKI KAISHA Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:09/02/2012	OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)IKEDA, YASUJI
Filing Date	:NA	2)HASHIMOTO, SEIJI
(87) International Publication No	: NA	3)MUTO, TAKASHI
(61) Patent of Addition to Application Number	:NA	4)MATSUNO, YASUSHI
Filing Date	:NA	5)YOSHIDA, DAISUKE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

#### (57) Abstract:

An image sensor comprises plural sets of a unit pixel outputting a pixel signal based on an electric charge generated through photoelectric conversion and a conversion unit converting the pixel signal into a digital signal. A reference signal source generates reference signals and supplies the generated reference signals to the conversion unit through signal lines. The conversion unit of each set comprises a comparator which compares the level of the reference signal with that of the pixel signal, a count circuit which counts a clock based on the comparison processing, a selection circuit which selects, among the signal lines, a signal line to be selectively connected to the input of the comparator, and a switch which selectively connects the selected signal line to the input of the comparator, and selectively connects a load to an unselected one of the signal lines.

No. of Pages: 100 No. of Claims: 10

(22) Date of filing of Application :22/06/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention: CONVEYING INSTALLATION FOR TRANSPORTING BULK MATERIALS

:B65G21/00	(71)Name of Applicant:
:A 1131/2011	1)INNOVA PATENT GMBH Address of Applicant :RICKENBACHERSTRASSE 8-10, A-
:04/08/2011	6960 WOLFURT Austria
:Austria	(72)Name of Inventor:
:NA	1)TRIEB HERBERT
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	:A 1131/2011 :04/08/2011 :Austria :NA :NA :NA :NA :NA

#### (57) Abstract:

A conveying installation for transporting bulk materials has three pairs of carrying cables disposed one above the other. A continuous conveying belt can be moved along the central pair and the lower pair of carrying cables between loading and unloading stations, where it is guided over deflecting drums. Spaced-apart carrying frames hold the carrying cables. The installation includes a maintenance vehicle, which can be displaced along the two upper carrying cables and has on each side a maintenance platform, located laterally outside the carrying cables. The maintenance vehicle further has on at least one of the two sides a carrying framework, on which is located at least one drive subassembly for moving the maintenance vehicle. The drive subassembly is located laterally outside the carrying cables and beneath the undercarriage of the maintenance vehicle.

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

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD, SYSTEM AND APPARATUS FOR DISPENSATION OF THE CRYOGEN

	East	
(51) International classification	:F25D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Innovation Centre, Manipal University
(32) Priority Date	:NA	Address of Applicant :MIT, Manipal 576104, Karnataka,
(33) Name of priority country	:NA	India.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. Santhosh Kumar
(87) International Publication No	: NA	2)Dr. Betsy Sara Thomas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

According to an aspect of the present disclosure, a cryogen delivery device comprising a can containing a cryogen preferably tetrafluoroethane is having a control valve connected to an out let pipe via a supply pipe to deliver the cryogen to the site. In one embodiment of the present disclosure, the supply pipe contains a control valve for controlling/regulating the cryogen delivery. In another aspect of the present disclosure the cryogen can is connected to the control valve by a connected pipe. In another embodiment of the present disclosure the outlet pipe is insulated using a foam based protecting insulator. According to another aspect of the present disclosure, another cryogen delivery device comprising a can containing a cryogen preferably tetrafluoroethane is connected to an outlet nozzle. In another embodiment of the present disclosure, the outlet nozzle of the device is held close to the surface of the tissue. In another embodiment of the present disclosure, the cryogen from the can is dispensed by pressing the spray head held facing downwards so that most of the spray is delivered in liquid form.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : GUNNITING OF SKIN REINFORCEMENT FOR CONCRETE MEMBERS FOR PIERS OF FLYOVERS ETC. IN LIEW OF STEEL SHUTTERING

(51) International classification	:E02D5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)K. VELASWAMY
(32) Priority Date	:NA	Address of Applicant :PLOT NO.144, KRISHNAGIRI
(33) Name of priority country	:NA	LAYOUT, NEAR VINAYAKA LAYOUT, KODIPALYA,
(86) International Application No	:NA	KENGERI, BANGALORE - 560 060 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)K. VELASWAMY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The Process involves provisioning of a metallic fabric such as B.R.C fabric welded along with main skin reinforcement of piers, being built for any flyover or elevated highways or any other concrete column to be built. A thick cement slurry mixed with coarse sand and fine stone jelly of 6 mm to 10mm thick is applied on this mat with pressure using an equipment known as gunniting machine. When the slurry is allowed to set it forms a strong shield for further concreting in the core area of piers. This process saves lots of time, money and also will be useful when shapes and size of pier vary as in ramps.

No. of Pages: 6 No. of Claims: 3

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention: HIGH VOLTAGE SYSTEM AND CORRESPONDING MONITORING METHOD

(51) International classification	:H01R13/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012 002 367.7	1)MAN TRUCK & BUS AG Address of Applicant :DACHAUER STR. 667, 80995
(32) Priority Date	:07/02/2012	MUNCHEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)SOBOLL, STEFAN
Filing Date	:NA	2)KRATZER, SEBASTIAN
(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 high voltage system, in particular in a motor vehicle, having a plurality of high voltage components (1-3) that in each case carry an electrical high voltage and having at least one insulation measuring device for measuring an insulation resistance between the high voltage crr-ponants (1-3) and earth, and at least having a monitoring unit (5) for monitoring the insulation resistance of the high voltage components (1-3). It is proposed that the insulation measuring device measures the insulation resistance routinely at short time intervals of less than 90 seconds, and that the monitoring unit (5) switches off the high voltace components (1-3) if the measured insulation resistance is below a predetermined minimum value.

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

(22) Date of filing of Application :30/08/2012 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR DIAMETER NETWORK MANAGEMENT

(51) International classification	:H04L 29/06	(71)Name of Applicant:
(31) Priority Document No	:61/304,310	1)Tekelec Inc.
(32) Priority Date	:12/02/2010	Address of Applicant :5200 Paramount Parkway Morrisville
(33) Name of priority country	:U.S.A.	NC 27560. U.S.A.
(86) International Application No	:PCT/US2011/024645	(72)Name of Inventor:
Filing Date	:11/02/2011	1)WALLACE Donald E.
(87) International Publication No	: NA	2)KANODE Mark Edward
(61) Patent of Addition to Application	:NA	3)SPRAGUE David Michael
Number	:NA :NA	4)MCCANN Thomas M.
Filing Date	:INA	5)KARMARKAR Kedar Kashinath
(62) Divisional to Application Number	:NA	6)TOMAR Mahesh
Filing Date	:NA	7)MARSICO Peter Joseph

#### (57) Abstract:

According to one aspect the subject matter described herein includes a method for providing Diameter network management information in a communications network. The method includes steps occurring at a Diameter signaling router (DSR). The method also includes determining whether successful Diameter communications are available with a first Diameter application. The method further includes in response to determining that successful Diameter communications are not available with the first Diameter application generating a first Diameter network management message (DNMM) indicating that successful Diameter communications are not available with the first Diameter application. The method also includes sending the first DNMM to a second Diameter node.

No. of Pages: 45 No. of Claims: 26

(21) Application No.858/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: WIRELESS VIDEO AND AUDIO DELIVERY SYSTEM

(51) International classification	:G08B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRADEEP RAMDEO
(32) Priority Date	:NA	Address of Applicant :1205 COMMONWEALTH AVENUE
(33) Name of priority country	:NA	#1, BRONX, NEW YORK 10472 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRADEEP RAMDEO
(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 wireless video and audio delivery system includes a wireless camera to generate a video and audio feed when operated by a first person. An internet accessible device receives the video and audio feed from the wireless camera, thereby allowing a second person located at the internet accessible device to see and hear the video and audio feed at the same time the wireless camera is operated by the first person.

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

(22) Date of filing of Application :24/10/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING INTENT OF A PLURALITY OF EDITORS IN A COLLABORATIVE ENVIRONMENT •

(51) Intermetional algorification	·C06E17/00	(71) Nama of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt. Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview, Block B, No. 66/1,
(33) Name of priority country	:NA	Bagmane Tech Park, CV Raman Nagar, Byrasandra, Bangalore
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Sumit Maheshwari
(61) Patent of Addition to Application Number	:NA	2)Amit Kumar
Filing Date	:NA	3)Siba Prasad Samal
(62) Divisional to Application Number	:NA	4)Niranjan B Patil
Filing Date	:NA	

#### (57) Abstract:

The embodiments herein provide a method and system for identifying intent of a plurality of editors to control concurrent editing of an electronic document in a collaborative editing environment. The method includes receiving a first operation to edit an object in the electronic document from a first editor. Further, the method includes receiving a second operation to edit the object in the electronic document from a second editor. Further, the method includes computing a difference between the first operation and the second operation to identify whether intent of the first editor and intent of the second editor is similar. Further, the method includes determining whether the difference is within a predefined threshold. Further, the method includes declaring the intent of the first editor and the intent of the second editor as similar in response to determining that the difference is within the predefined threshold.

No. of Pages: 84 No. of Claims: 36

(21) Application No.4364/CHE/2012 A

(19) INDIA

(22) Date of filing of Application: 19/10/2012 (43) Publication Date: 31/07/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR GENERATING INTERACTIVE 360 DEGREE AND 3D PHOTOGRAPHY MODELS FOR AN OBJECT

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:H04N5/00 :NA :NA :NA	(71)Name of Applicant:  1)SREEPRIYA KOPPULA  Address of Applicant: B1103, SALARPURIA SERENITY,  5TH MAIN, 7TH SECTOR, HSR LAYOUT, BANGALORE -
(86) International Application No	:NA	560 102 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SREEPRIYA KOPPULA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The various embodiments provide a method and system for generating a 360° view model of an object. The system comprises a turntable for placing object, an image capturing device for capturing images, a computing device for processing captured images and a central for generating the interactive 360° view model. The method comprises placing the object to be photographed on a turntable, capturing a plurality of images of the object using an image capturing device at one or more pre-defined angular positions, autorotating the turntable after capturing each image, programmatically processing each image, storing a plurality of processed images in a pre-defined image file format in a central server, generating interactive 360° view of object and hosting the interactive 360° view of the object instantly on a web. The pre-defined image file format is adapted to render the interactive 360 view of the object in a compatible manner to a user.

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :04/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD AND SYSTEMS FOR OPERATING A WIND TURBINE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H02P9/00 :13/689,872 :30/11/2012	
(33) Name of priority country	:U.S.A.	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LARSEN, EINAR VAUGHN
(87) International Publication No	: NA	2)KOERBER, ARNE
(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 controlling operation of a wind turbine included within a power generation and delivery system is described. The method includes receiving, by a controller, a power command signal, wherein the power command signal indicates recovery from the grid contingency event; and increasing, in a non-uniform manner, power injected into a grid by a power conversion assembly in response to the power command signal wherein the controller controls the power conversion assembly.

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

(22) Date of filing of Application :07/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: POWER GENERATION SYSTEM FOR THE HOME

(51) International classification	:F03G3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DILIP D. JAMES
(32) Priority Date	:NA	Address of Applicant :ARDEN VILLA, ST. ANNS ROAD,
(33) Name of priority country	:NA	OOTACAMUND - 643 001, NILGIRIS Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DILIP D JAMES
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:3200/CHE/2012	
Filed on	:06/08/2012	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A Power Generation system for the home, comprises a system that can both raise and lower a counterweight using the forces of nature and thus produce continuous electrical output. The system consists of two parts an initiator and an actualiser. In both parts a shuttle is attached to a counterweight by a cable and pulley, the kinetic energy of the initiator counterweight may be used to produce a vacuum in the system which is air tight save for the point of aspiration. The descending and ascending counterweight in the actualiser system produces electricity by turning a generator. The open ended shuttles maybe converted into pistons by sealing at which time atmospheric pressure pushes the piston down and raises the counterweight due to the vacuum existing belowr the piston. Thus it is possible to have a continuous cycle.

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

(21) Application No.581/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: IMAGE HEATING APPARATUS AND IMAGE FORMING APPARATUS

(51) International classification	·G03G15/00	(71)Name of Applicant:
(31) Priority Document No	:2012- 029191	1)CANON KABUSHIKI KAISHA Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(32) Priority Date	:14/02/2012	OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HASEGAWA, TAKUYA
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 heating apparatus includes a rotatable heating member configured to heat a toner image on a sheet; a belt unit including an endless belt configured to heat the rotatable heating member by contacting an outer surface of the rotatable heating member, and a supporting mechanism configured to rotatably supporting the endless belt; a detector configured to detect that the endless belt is out of a predetermined zone in a widthwise direction of the endless belt; and a tilting mechanism configured to tilt the belt unit in a direction of causing the endless belt to return into the predetermined zone based on an output of the detector. %

No. of Pages: 105 No. of Claims: 34

(22) Date of filing of Application :18/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD AND SYSTEM FOR PROVIDING PARKING GUIDANCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G08G :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MOBME WIRELESS SOLUTIONS (P) LTD Address of Applicant: MOBME WIRELESS SOLUTIONS PVT. LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN- 682018, KERALA, INDIA (72)Name of Inventor: 1)GOPALKRISHNAN, SREEKANTH SWARNAM 2)THOMAS, ABE SAM 3)AKHIL S. 4)MICHAEL, BINOY PRAKASH 5)GOPAL, VISHNU 6)SANKAR, ANOOP 7)VIJAYKUMAR, SANJAY
---	--	---

## (57) Abstract:

The present invention provides a method and system for providing information to guide a vehicle to a parking slot. The method and system include detecting the vehicle on entering a parking lot, receiving a first set of information from the mobile device associated with the detected vehicle, finding the parking slot for the vehicle, allocating the parking slot to the vehicle, providing information to guide the vehicle to the parking slot.

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

(22) Date of filing of Application :30/01/2013 (43) Publication Date : 31/07/2015

#### (54) Title of the invention: HANDHELD POWER TOOL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA	(71)Name of Applicant: 1)HILTI AKTIENGESELLSCHAFT Address of Applicant:FELDKIRCHERSTRASSE 100, 9494 SCHAAN Liechtenstein (72)Name of Inventor: 1)MOBNANG FRANZ 2)LUDWIG MANFRED 3)GREITMANN RALF 4)HARTMANN MARKUS
Filing Date	:NA	

#### (57) Abstract:

A handheld power tool (1) has a switchable gear component (32, 36) that can be actuated by a selector switch (20). The gear component (32, 36) can be moved along a first direction (38) out of a first operating position (23) into a second operating position (25). The selector switch (20) has a first switching position (24) associated with the first operating position (23) of the gear component (32, 36) and a second switching position (26) associated with the second operating position (25) of the gear component. The selector switch (20) can be moved between the first switching position (24) and the second switching position (26), a process in which intermediate positions (27) are assumed. A springy traveling coupling (62) is coupled between the selector switch (20) and the gear component (32, 36) in such a way that, when the selector switch (20) is moved out of the first switching position (24) into the second switching position (26), a spring (64) of the traveling coupling (62) exerts force onto the gear component (32,36) in the first direction (38). A locking bolt (72) is coupled to the selector switch (20) in a positively driven manner. When the selector switch (20) is in the intermediate positions (27), the locking bolt (72) is moved into a blocking bolt position (27) in which the locking bolt (72) blocks movement of the gear component (32, 36) out of the first operating position (23) into the second operating position (25). When the selector switch (20) is in the second switching position (26), the locking bolt (72) is in a releasing bolt position (24).

No. of Pages: 25 No. of Claims: 14

(21) Application No.5519/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: INTERNAL GEAR PUMP WITH CRESCENT MEMBER

(51) International classification	·F04C2/00	(71)Name of Applicant:
	:NA	1)DYNAMATIC TECHNOLOGIES LIMITED
(31) Priority Document No		
(32) Priority Date	:NA	Address of Applicant :DYNAMATIC PARK PEENYA,
(33) Name of priority country	:NA	BANGALORE 560 058 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KATTI ANILKUMAR P
(87) International Publication No	: NA	2)NAGARAJ B.K.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An internal gear pump for pumping fluid comprising an inlet port (1), an outlet port (2), an externally toothed external gear (4), an internally toothed internal gear (5) connected to the external gear with a meshing region (12), and a crescent member (3), wherein said crescent member has a trailing edge (11) adjacent to the outlet port, and a tapered leading edge region (13) adjacent to the inlet port having a leading edge (10), an exterior leading edge profile (14a), and an interior leading edge profile (14b), wherein angle a formed between the leading edge and the diameter of the outer boundary passing through a first starting point (28) of the taper on said outer boundary is smaller than angle p formed between the leading edge and the diameter of the inner boundary passing through a second starting point (30) of the taper on said inner boundary.

No. of Pages: 19 No. of Claims: 13

(21) Application No.4922/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/10/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MODULAR PLANTING APPARATUS

(86) International Application No : Filing Date :	NA NA	Address of Applicant:#172 6th cross, Omkar Nagar, Arekere Mico Layout, Bangalore - 560 076 Karnataka India (72)Name of Inventor: 1)TIGALI, Mallesh Mariappa
(87) International Publication No : (61) Patent of Addition to Application Number Filing Date : (62) Divisional to Application Number : (63)	NA NA NA NA NA	2) 22 3.223) 2.242302 2.2423ppu

#### (57) Abstract:

In accordance with one implementation of the subject matter, a planting apparatus is described herein. The planting apparatus comprises a bottom wall which is associated with a side wall to define a planting container. The planting apparatus comprises a dividing element which divides the planting container into a water table and a growth compartment. The water table is provided with an inlet fitted with a control valve which controls the level of liquid in the water table to a predetermined level. The planting apparatus also comprises conduits which have a first opening in the water table and a second opening in the growth compartment.

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

(21) Application No.571/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: RISK ANALYSIS TOOL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:G06Q10/00 :NA :NA :NA :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)T. SRIVALLI RADHIKA Address of Applicant: VIJAYA VILASAM, 5-4-345, ROAD NO. 5, KAMALANAGAR, VANASTHALIURAM, HYDERABAD - 500 070 Andhra Pradesh India (72)Name of Inventor: 1)T. SRIVALLI RADHIKA
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

According to an aspect of the present invention, a task analysis tool selects a first set of parameters representing a strain caused internally to a task, selects a second set of parameters representing a malady that may be caused internally to the task, selects a third set of parameters representing a external undesired association with the task, selects a fourth set of parameters representing a lacking in a desired requirements of the task and provides a cause analysis report as a function of the strain, the malady, the undesired association and the lacking in the desired.

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

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

### (54) Title of the invention: CHROMATOPHORE BASED LIPSTICK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K38/08 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)  Address of Applicant: CENTRAL INSTITUTE OF FISHERIES TECHNOLOGY (CIFT), CIFT JUNCTION, WILLINGDON ISLAND, MATSYAPURI P.O, COCHIN - 682 029 Kerala India (72)Name of Inventor:  1)FEMEENA HASSAN  2)MUHAMED ASHRAF PACHAREENTAVITA 3)GEETHALAKSHMI VAIDHYANATHAN 4)THAZHAKOT VASUNAMBISAN SANKAR
---	---	---

#### (57) Abstract:

Field of invention The field of invention relates to a cosmetic product for lips, particularly the present invention relates to a makeup kit for decorating the lips with a plurality of different colors and/or appearances. Background of the invention and prior art The aim of the present invention is that of enabling lip makeup comprising a plurality of different colors or appearances. Lipstick is a cosmetic product containing pigments, oils, waxes, and emollients that apply color, texture, and protection to the lips. Many varieties of lipstick exist. As with most other types of makeup, lipstick is typically, but not exclusively, worn by women. The use of lipstick dates back to ancient times. Ancient Mesopotamian women were possibly the first women to invent and wear lipstick. They crushed gemstones and used them to decorate their lips. Women in the ancient Indus Valley Civilization applied lipstick to their lips for face decoration. Ancient Egyptians extracted red dye from fucus-algin, 0.01% iodine, and some bromine mannite, which resulted in serious illness. Lipsticks with shimmering effects were initially made using a pearlescent substance found in fish scales. Modern lipstick was formulated by perfumers in Paris in 1884. The lipstick was wrapped in silk paper and made with deer tallow, castor oil and beeswax. WO2003082990A1 invention discloses a process of extraction, purification and characterization of a non-polar fluorescent dye from a marine echinoderm Holothuria scabra, compositions containing the dye and various applications of the dye, said dye is a natural, cell permeant, nontoxic and environmentally friendly non-polar fluorescent dye EP 0508591 A2 A lipstick composition comprising by weight from 8% to 20% of waxes, 30% to 80% of oils, 3% to 30% of colorants, 8% to 20% of cetearyl isononanoate, 1% to 10% of a sesquistearate and 2% to 20% of isopropyl hydroxystearate. The lipstick has the aesthetic performance characteristics of a regular lipstick but more effectively soothes and protects the lips. WO 2012064720A2 The lipstick includes a colorant paste comprising one or more dry pigments and fractionated coconut oil; a coconut gel comprising vegetable oil, Cocos Nucifera Oil, a styrene/butadiene copolymer and polyethylene, and Polyethylene, caprylyl glycol, and a mixture of Acacia Decurrens/Jojoba/Sunflower Seed wax/Polyglyceryl 3-ester in concentrations effective for ensuring coconut gel and fractionated coconut oil are melted and homogeneous. EP 1980239 Bl Pigments from plant products can be combined with a cosmetic carrier formulation to create a cosmetic and/or dermatological product for transferring color to the skin of the person. A plant product extract or reformulation, such as a concentrate, flake or powder of the plant, can be combined with a cosmetic carrier formulation to create a cosmetic and/or dermatological product for transferring color to the skin of the person. Fruits, vegetables, seeds and legumes can be used to extract natural pigment or reformulate a plant product into a concentrate, flake or powder. Resultant cosmetic products can include lipstick, lip gloss, lip stain, lip liner, blush, face tint, cheek stain, cheek gel, cheek butter, eye shadow, eyebrow powder, eyeliner, mascara, foundation, sheer foundation, bronzer, facial illuminator, facial highlighter, face powder, lotion and tinted moisturizer. US 20070196298 Al Pigments from plant products can be combined with a cosmetic carrier formulation to create a cosmetic and/or dermatological product for transferring color to the skin of the person. A plant product extract or reformulation, such as a concentrate, flake or powder of the plant, can be combined with a cosmetic carrier formulation to create a cosmetic and/or dermatological product for transferring color to the skin of the person. In some embodiments, fruits, vegetables, seeds and legumes can be used to extract natural pigment or reformulate a plant product into a concentrate, flake or powder. Resultant cosmetic products can include lipstick, lip gloss, lip stain, lip liner, blush, face tint, cheek stain, cheek gel, cheek butter, eye shadow, eyebrow powder, eyeliner, mascara, foundation, sheer foundation, bronzer, facial illuminator, facial highlighter, face powder, lotion and tinted moisturizer. A wide variety of lipsticks are available in the markets today which are manufactured chemically. Many toxic and synthetic chemicals are used in the lipsticks available in the markets without full disclosure on the label of the package. The presence of heavy metals like lead is higher in the synthetic chemicals available now in the market. The chemicals added for fragrance have neurological effect that can alter blood pressure, pulse mood and sedative effects. Sensitive people may get negative symptoms that include headaches, nausea, and lack of concentration, asthma, fatigue and irritability. The cost of manufacturing is higher and they are not safe for the environment. The presence of these chemicals can harm the people when ingested due to regular use. When used at an average rate around twice a day the estimated intake exceeded acceptable daily levels for those metals, which could pose a potential health risk. This new formulation contains natural ingredients like beeswax and castor oil. The newly formed product is free from toxic metals, microbial or chemical hazards and hence can be considered safe to use. The sample was free from mold growth and was not rancid. The analysis of heavy metal content in the product was in acceptable range while the element concentration was higher in commercial lipsticks. The Toxic heavy metal cadmium and arsenic were detected in commercial lipsticks but these two were not detected in the prepared sample. The lead content in the sample lipstick (3.23 ppm) was significantly lower than the commercial sample (105.5 ppm) which indicates the superior quality of squid lipstick. Mercury was not detected in any of these samples. Selenium, cadmium, cobalt, arsenic and copper were not detected. Magnesium for maintaining skin nutritional requirements, iron for oxygen metabolism and mitochondrial function is present in 62.72 and 49.42ppm respectively. Manganese, Nickel, lead, Antimony, Chromium and zinc were in very negligible level and

not harmful to consumers. The product has shown good organoleptic scores. The sensory attributes of the lipsticks were evaluated by a panel of ten trained panelists. It is having an attractive appearance, pleasant taste and feels on the lips was reasonably free from sweating, bloom and rancidity, and had good texture and firmness the specified requirements for lipsticks as per Bureau of Indian Standards (BIS). DESCRIPTION OF THE INVENTION The present invention disclosed herein include a lipstick comprising chromatophore: a natural pigment extracted from squid skin and used as colorants in lipsticks, castor oil: a vegetable oil obtained from the castor bean. Bee Wax: a natural wax produced in the bee hive of honey bees of the genus Apis, Paraffin wax: a white or colorless soft solid that is derived from petroleum. A fat-soluble antioxidant: Vitamin E. Flavour: any natural or artificial flavour can be use in the lipstic. Method of extracting chromatophore pigments from squid comprising: squids were deiced and thoroughly washed to remove slime and dirt with chilled potable water (0-20° C). The skin was then carefully peeled off. The peeled skin is homogenized in a laboratory mixture and the moisture content is removed by the addition of required amount of anhydrous sodium sulphate. Chromatophore is then extracted using Hexane: Isopropyl Alcohol (3:2). The solvent was washed with saline and the pigmented layer was separated and evaporated under vacuum. The extract was then passed through the column filled with silica and then through the column filled with carbon. The filtrate is then evaporated under vacuum. The present invention further includes a method for making a lipstick comprising, melting the Beeswax and Paraffin wax. Vitamin and the castor oil are added to the melted wax. The pigment chromatophore was added to the mixture and mixed thoroughly till no lumps remained. Then flavour was added to the composition and mixed well. Melted mixture was then poured into the pre cleaned moulds and allow for settling. The pigments may be present, in the composition (1) or (2), at a content ranging from 0.01 % to 30% by weight, with respect to the weight of the aqueous or oily composition, preferably from 1 % to 12% by weight. The newly made lipstick organically from squid chromatophore confirm to the requirements of Bureau of Indian standards IS 9875:1990. This organic product was subjected to consumer acceptance studies (to determine the best formulation of lipstick), sensory evaluation, chemical (rancidity and trace metal analysis) physical (melting point, colour measurements, heat test) and microbiological analysis (Total bacteria and fungi count) and was found to be free from physical, chemical or microbial hazards and hence can be considered safe to use One formulation embodiment of the lipstick is as follows: CLAIMS I/We claim 1. A method for making lipstick comprising: (i.) Colorant; (ii.) Castor oil; (iii.) Wax; (iv.) Fat-soluble antioxidant 2. The lipstick as claimed in claim 1 wherein the colorant comprises chromotophores that includes natural pigments extracted from the squid skin. 3. The lipstick as claimed in claim 1 wherein the castor oil comprises vegetable oil extracted from castor bean. 4. The lipstick as claimed in claim 1 wherein the Wax comprises wax from the hive of honey bee and paraffin wax derived from petroleum . 5. The lipstick as claimed in claim 1 and 2, wherein the squid skin is peeled off and homogenized wherein moisture content is removed by the addition of anhydrous sodium sulphate. 6. The lipstick as claimed in claim 1 and 2, wherein the chromatophores extracted using using the Solvent Hexane: Isopropyl Alcohol in the ratio 3:2. 7. The Solvent as claimed in claim 6, wherein washed with saline followed by pigmented layer separation and evaporation under vacuum. 8. The lipstick as claimed in claim 1, wherein the Fat-soluble antioxidant and castor oil added to the melted wax forming a mixture, further comprising the addition pigment chromatophore and mixed thoroughly till the absence of any lumps. 9. The method as calimed in claim 8, wherein colouring flavours added to the mixture and mixed well, the melted mixture poured into the mould for settling. ABSTRACT The present invention disclosed herein relates to organic lipstick. The lipstick includes a colorant paste comprising pigment chromatophores extracted from squid skins; beeswax and paraffin wax; castor oil; Fat soluble antioxidant and flavour. The process ensures a safe cosmetic and utilizes squid skin which is a waste in the processing industry after physical, chemical and microbiological quality evaluation.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR MANAGING ONE OR MORE HETEROGENOUS NETWORKS

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MphasiS
(32) Priority Date	:NA	Address of Applicant :Bagmane World Technology Center,
(33) Name of priority country	:NA	Marathalli Outer Ring Road, Doddannakhundi Village,
(86) International Application No	:NA	Mahadevapura, Bangalore - 560 048 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Hebbar, Mohan M.
(61) Patent of Addition to Application Number	:NA	2)Karanth, Ganesh
Filing Date	:NA	3)Sankaran, SyamKumar
(62) Divisional to Application Number	:NA	4)Andela, Ravindranath
Filing Date	:NA	

#### (57) Abstract:

A system and method of managing one or more heterogeneous networks is disclosed. The system is capable of adding and removing one or more heterogeneous devices in the one or more heterogeneous networks. The system includes a device management unit that is capable of adding or removing the one or more heterogeneous devices in the one or more heterogeneous networks. The one or more heterogeneous devices are operated according to preferences of a user. The preferences of the user are defined in policies that govern the operation of the one or more heterogeneous devices. Additionally, a control unit transmits control messages to the one or more heterogeneous devices according a communication protocol associated with the one or more heterogeneous devices.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR MACHINE AUTOMATED SYNTHESIS OF MUSIC

(51) International classification :G06	(71)Name of Applicant:
(31) Priority Document No :NA	1)Indian Institute of Science
(32) Priority Date :NA	Address of Applicant :Mathikere, Bangalore, 560012,
(33) Name of priority country :NA	Karnataka India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)SRINIVASA, Shayan Garani
(87) International Publication No : NA	2)SESHADRI, Harish
(61) Patent of Addition to Application Number :NA	3)NANDAKUMAR, Praveen
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

#### (57) Abstract:

Methods and systems of the present disclosure are provided for automatically synthesizing music. Methods and systems of the present architecture also relate to digital formulation of musical sequences by means of an automaton using information theoretic principles in order to generate musical compositions that are long random sequences of music. Apart from music creation, the proposed methods can also be used for objectives, including but not limited to, music content quantification, identifying plagiarism, music analysis, and musical transcription (music-to-text conversion).

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

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR FLOATING POWER STATION WITH EMERGENCY RESCUE PASSENGER SPACE FOR LIFE SAVING AS PART OF THE SHIP

(51) International classification (31) Priority Document No	:B63B :NA	(71)Name of Applicant: 1)SIVAKUMAR MADESAN
(32) Priority Date	:NA	Address of Applicant :4/912 CHINNATHIAMMAL ST,
(33) Name of priority country	:NA	TEACHERS COLOCY, BEHIND G.H, DHARMAPUR - 636 701
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. SIVAKUMAR MADESAN
(61) Patent of Addition to Application Number	:NA	2)MR. SANTHOSH KUMAR SUBRAMANIAN MADESAN
Filing Date	:NA	3)DR. ARTHANARI MARIAPPAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a ship having tethered wind turbine system for power generation and emergency rescue passenger space for passengers to save their life during an emergency situation. It is a lighter system that rotates about a horizontal axis in response to sea breeze and wind produced during sailing of ship is used to generating electrical energy. This electrical energy is transferred down to the ship for immediate use. Commercial ships will use this electrical energy for their ship auxiliary power system additional to their fuel. Virtually all emission from the vessel including NOx, SOx and CO2, are reduced by using power generated from this turbine. Whenever, the ship is at risk, this Helium filled gas turbine can raise the emergency rescue passenger space and save passengers.

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

(21) Application No.866/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DIGITAL VIDEO AUDIO PLAYER RECORDER DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:NA :NA :NA :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)PRADEEP RAMDEO Address of Applicant:1205 COMMONWEALTH AVENUE #1, BRONX, NEW YORK 10472 U.S.A. (72)Name of Inventor: 1)PRADEEP RAMDEO
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A video audio player recorder device which includes a housing. A hard drive is built-in the housing. A wireless receiver is built in the housing and is electrically connected to the hard drive. The wireless receiver can receive media information from a Wi-Fi network and a built-in data streaming software allows downloading the media information to the hard drive for storage. The built-in data streaming software allows the hard drive to play back the media information to a remote television set or computer.

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

(22) Date of filing of Application :03/04/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A MEDICAL MONITORING SYSTEM BASED ON SOUND ANALYSIS IN A MEDICAL ENVIRONMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61B5/16 :61/547914 :17/10/2011 :U.S.A. :PCT/IB2012/055090 :25/09/2012 :WO 2013/057608 :NA :NA	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS N.V.  Address of Applicant: High Tech Campus 5 NL 5656 AE  Eindhoven Netherlands (72)Name of Inventor:  1)PARK Mun Hum  2)KOHLRAUSCH Armin Gerhard 3)FALCK Thomas 4)DEN BRINKER Albertus Cornelis
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a medical monitoring system (100) based on sound analysis in a medical environment. A sound level analyzer (SLA 10) is capable of providing an indicator for perceived levels of sound from a number of sound events and a data storage modality (DSM 20) is receiving and storing said indicator for perceived levels of sound and also corresponding information from an associated patient monitoring system (PMS 60) handling information indicative of a physical and/or mental condition of a patient under influence by sound. A sound event analyzer (SEA 30) is further being arranged for performing within a defined time window an overall sound analysis (ANA 50) related to physical and/or mental condition of the patient that may be influenced by sound in order to assist or supervise medical personal with respect to theacoustic environment.

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

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A SYSTEM AND METHOD FOR NON-INTRUSIVE LOAD MONITORING OF AN ELECTRICAL NETWORK

(51) International classification	:G01D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Robert Bosch Engineering and Business Solutions Limited
(32) Priority Date	:NA	Address of Applicant :123, Industrial Layout, Hosur Road,
(33) Name of priority country	:NA	Koramangala, Bangalore 560095, Karnataka, India
(86) International Application No	:NA	2)Robert Bosch GmbH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ANGERI Harsha Ramesh
(61) Patent of Addition to Application Number	:NA	2)JOSEPH John Felix Charles
Filing Date	:NA	3)TRIPATHI Pranava
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The various embodiment of the present invention provides a Non Intrusive Load Monitoring (NILM) system and method for an electrical network for disaggregating load from plurality of electrical energy sources. The system comprises a switch to indicate an active state of an electrical energy source from a plurality of electrical energy sources, a means to monitor and measure electrical parameters of a load consumption signal drawn by one or more energy consuming devices, a means to process the load consumption signal for disaggregation based on the active electrical energy source, and a means to disaggregate the load consumption signal to the one or more energy consuming devices.

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

(21) Application No.7575/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/09/2013 (43) Publication Date: 31/07/2015

### (54) Title of the invention: ACTIVE COMPOUND COMBINATIONS

(51) International

:A01P3/00,A01N37/36,A01N37/46 classification

(31) Priority Document No :11159369.5 (32) Priority Date :23/03/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/054983

:21/03/2012

Filing Date

(87) International Publication :WO 2012/126938

(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)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany

(72) Name of Inventor:

1)LATORSE Marie Pascale 2)TAFFOREAU Sylvain

3)LEDESMA PEREZ Luis Julian

### (57) Abstract:

The present invention relates to active compound combinations in particular within a fungicide composition which comprises (A) 2 6 dichloro N [3 chloro 5 (trifluoromethyl) 2 pyridylmethyl]benzamide (CAS No 239110 15 7 common name fluopicolide) of formula (I) and a further fungicidally active compound (B). Moreover the invention relates to a method for curatively or preventively combating undesirable microorganisms of plants or crops to the use of a combination according to the invention for the treatment of seed to a method for protecting a seed and not at least to the treated seed.

No. of Pages: 44 No. of Claims: 8

(21) Application No.481/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date: 31/07/2015

# (54) Title of the invention : A METHOD AND DEVICE FOR EXAMINATION OF MAIL ITEMS WITH REGARD TO DANGEROUS CONTENT

(51) International classification	:G01N21/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)HUBNER GMBH
(31) Thomas Document No	003 201.3	Address of Applicant :HEINRICH-HERTZ-STRABE 2,
(32) Priority Date	:17/02/2012	34123 KASSEL Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)HUBSCH DANIEL
Filing Date	:NA	2)SPRENGER THORSTEN
(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 examining mail items with regard to dangerous contents, wherein in a first step the mail item is scanned in such a manner that the contours of the contents of the mail item are made visible, wherein after an evaluation of the contents of the mail item a spectral analysis of the content of the mail item occurs in a second step in pre-determinable areas of the mail item.

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

(21) Application No.5085/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/11/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: LAUNDRY TREATING APPARATUS

(51) International classification	·D06F58/00	(71)Name of Applicant:
	:10-2013-	1)LG ELECTRONICS INC.
(31) Priority Document No	0021184	Address of Applicant :20 YEOUIDO-DONG,
(32) Priority Date	:27/02/2013	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(33) Name of priority country	:Republic	(72)Name of Inventor:
(33) Name of priority country	of Korea	1)KIM, SEONGKYU
(86) International Application No	:NA	2)KIM, MYOUNGJONG
Filing Date	:NA	3)LEE, GEUNHYUNG
(87) International Publication No	: NA	4)LEE, SOONJO
(61) Patent of Addition to Application Number	:NA	5)ROH, JEONGGEOL
Filing Date	:NA	6)KIM, JONGRYUL
(62) Divisional to Application Number	:NA	7)PARK, SOOWON
Filing Date	:NA	8)KIM, JONGHO

## (57) Abstract:

A laundry treating apparatus includes a cabinet forming an external appearance of the laundry treating apparatus, an accommodation space provided in the cabinet to receive laundry, and a discharge portion configured to discharge air in the accommodation space from the cabinet. The laundry treating apparatus also includes a supply portion configured to supply air into the accommodation space, and a pressure reduction portion configured to discharge the air in the accommodation space from the accommodation space into the cabinet based on a pressure in the accommodation space becoming equal to or higher than a predetermined reference pressure.

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

(22) Date of filing of Application :09/06/2014

(43) Publication Date: 31/07/2015

(54) Title of the invention: MOBILE TERMINAL WITH TELEPHONE FUNCTION METHOD FOR CONTROLLING MOBILE TERMINAL WITH TELEPHONE FUNCTION PROGRAM FOR CONTROLLING MOBILE TERMINAL WITH TELEPHONE FUNCTION AND COMPUTER READABLE RECORDING MEDIUM

(51) International

:H04M1/56,H04M1/00,H04M1/274

classification

:2012025558

(31) Priority Document No (32) Priority Date

:08/02/2012

(33) Name of priority country: Japan

:NA

:NA

:NA

(86) International Application :PCT/JP2013/050826

:17/01/2013

Filing Date

(87) International Publication :WO 2013/118551

(61) Patent of Addition to

**Application Number** 

Filing Date

(62) Divisional to Application :NA

Number Filing Date (71) Name of Applicant:

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi

Osaka 5458522 Japan (72)Name of Inventor:

1)FUJIMOTO Masahiro 2)OHKUBO Takeshi

3)SUZUKI Fumihiko

#### (57) Abstract:

A mobile terminal (1) comprises; a telephone communication control unit (23) that makes a call from a detailed page (320b) of the other end of communication and that causes a page (330c) indicating that the call is being made to be displayed; and a telephone communication establishment determining unit (23a) that terminates a telephone book application (32) after a telephone communication establishment and that when no telephone communication has been established causes the detailed page of the other end of communication to be displayed after the displaying of the page (330c) indicating that the call was being made. In this way personal information stored in a telephone book database can be prevented from being displayed when a call is being made from a telephone book application page thereby preventing the user s convenience from being degraded.

No. of Pages: 98 No. of Claims: 10

(22) Date of filing of Application :01/02/2013 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A FUEL SUPPLY APPARATUS AND A FUEL SUPPLY CONTROL METHOD FOR COMMON RAIL TYPE FUEL INJECTION SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F02M :NA :NA	(71)Name of Applicant: 1)BOSCH LIMITED Address of Applicant: POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHASHIKANTH N
(61) Patent of Addition to Application Number	:NA	2)NAGESH A
Filing Date	:NA	3)BALA SAKTHIVEL K
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A fuel supply apparatus (100) and a fuel supply control method for a common rail type fuel injection system are disclosed. The fuel supply apparatus (100) comprises a low-pressure pump (2) which supplies a fuel from a tank (4) to a high-pressure pump (6) such as a port-controlled reciprocating pump (6) through a filter (8) and a metering unit (10). A unidirectional valve (14) is provided between an outlet of the metering unit (10) and an inlet of the high-pressure pump (6). The unidirectional valve (14) selectively supplies the fuel from the output of the metering unit (10) to the high-pressure pump (6) based on the fuel pressure at the output of the metering unit (10). A return line (16) connects the output of the metering unit (10) to the tank (4). A throttle (18) in the return line (16) selectively supplies a part of the fuel from the output of the metering unit (10) to the tank (4).

No. of Pages: 1 No. of Claims: 18

(22) Date of filing of Application :20/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A METHOD OF PRODUCING A SELF EMBOSSED EFFECT ON APPAREL DURING WEAVING

(51) International classification	:D03C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K. SIVAKUMAR
(32) Priority Date	:NA	Address of Applicant :125, USMAN ROAD,
(33) Name of priority country	:NA	THEYAGARAYA NAGAR, CHENNAI, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)K. SIVAKUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a method of producing a self embossed design on apparel. The method comprises an intricate shedding mechanism coupled with loom modification wherein the loom comprises wrap beam and weft insertion wherein the wrap beam of the loom further comprises top wrap beam and a bottom wrap beam that operates on the Jacquard attachment with the healds. The top warp beam is at normal tension and the bottom warp beam has slightly lesser tension. The bottom wrap thread is controlled by jacquard to weave the plain and design portion of the apparel while the top wrap thread is controlled by the heald shaft mechanism to weave the plain portion of the apparel. The selected design and/or motif are embossed on the face side of the apparel while reverse side is normal and not embossed. The self design with embossed effect on the apparel uses one or more fabric alone or in combination.

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

(22) Date of filing of Application :06/07/2012 (43) Publication Date : 31/07/2015

## (54) Title of the invention: METHOD FOR PRODUCING A PROFILE FROM A SHEET-METAL STRIP

#### (57) Abstract:

A method for producing a profile from a sheet-metal strip is disclosed. The sheet-metal strip is bent at least twice during a first stage, where, as viewed in the cross-section of the sheet-metal strip, a center section as well as two flank sections are formed, which project angularly from two opposing end regions of the center section. During a second stage following the first stage, the center section is compressed by two complementary roller arrangements which engage on the two opposing end regions of the center section, and the sheet-metal strip is thereby locally thickened.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A METHOD AND A SYSTEM FOR MANAGING A PLURALITY OF SEATS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MOBME WIRELESS SOLUTIONS LTD Address of Applicant: MOBME WIRELESS SOLUTIONS LTD., 41/3197, FOURTH FLOOR, BHAGEERATHA SQUARE, NEAR TOWN HALL, KACHERIPPADY, COCHIN-682018, KERALA, INDIA (72)Name of Inventor: 1)GOPALAKRISHNAN, SREEKANTH SWARNAM 2)THOMAS, ABE SAM 3)PARAKAL, DAVIS DOMINIC 4)MICHAEL, BINOY PRAKASH 5)GOPAL, VISHNU 6)SANKAR, ANOOP 7)VIJAYKUMAR, SANJAY
---	---	--

### (57) Abstract:

A method and system of managing a plurality of seats is provided. The seats may be located in public venues like stadiums, theaters, etc., or in vehicles such as trains, buses, etc. The system comprises a ticket management platform that communicates with a mobile device of a user. The ticket management platform comprises of a data acquisition module, a receiver, a verification module and a modification module. The data acquisition module of the ticket management platform acquires seat information of seats booked by the user in an active mode or a passive mode by the ticket management platform. The receiver of the ticket management platform receives the confirmation message from the mobile device of the user. The verification module of ticket management platform verifies the confirmation message. The modification module of the ticket management platform modifies seat status of the seats based on the verified confirmation message.

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

(21) Application No.1314/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 31/07/2015

### (54) Title of the invention: TAP SENSITIVE ALARM CLOCK

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:10172670.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:12/08/2010	Address of Applicant :Groenewoudseweg 1 NL 5621 BA
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/IB2011/053469	(72)Name of Inventor :
Filing Date	:04/08/2011	1)HEERINGA Schelte
(87) International Publication No	:WO 2012/020356	2)WIND Roelof Jan
(61) Patent of Addition to Application	:NA	3)ROZEBOOM Frans Wiebe
Number		4)BOTMA Jacob Hendrik
Filing Date	:NA	5)VAN OOSTRUM Hielke Simon
(62) Divisional to Application Number	:NA	6)SCHALLIG Michiel Allan Aurelius
Filing Date	:NA	7)GODLIEB Robert

#### (57) Abstract:

A tap sensitive alarm clock has a housing (20) a vibration sensor (22) mechanically coupled to the housing for receiving a shock due to a user tapping the housing and a control circuit (24) coupled to the vibration sensor for controlling a function of the alarm clock. An audio unit (26) is coupled to an audio circuit (25) for generating sound e.g. a loudspeaker in an alarm clock or a wake up light. To avoid interference of the sound and the vibration sensor the alarm clock is provided with a filter (23) coupled to the vibration sensor and the control circuit. The filter has a filter curve matched to block frequencies occurring in the sound. Advantageously it is avoided that the sound frequencies trigger the function while the sensor is sensitive to other frequencies up to the frequency range of the sound for reliably detecting the tapping.

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

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 31/07/2015

## (54) Title of the invention: IRON FEATURING LIQUID PHASE GARMENT MOISTURIZATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:D06F/5/22 :10172617.2 :12/08/2010	(71)Name of Applicant:  1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: Groenewoudseweg 1 NL 5621 BA Eindhoven Netherlands (72)Name of Inventor: 1)TAMMINGA Stephanus 2)DE VRIES Johannes 3)DUINEVELD Paulus 4)KOOIJKER Klaas 5)SETAYESH Sepas 6)ONG Chee Keong 7)MA Kok Wah 8)CHUA Hee Keng
--	--	---

#### (57) Abstract:

An iron (1) comprising: a water reservoir (10) configured to hold liquid water; a heatable soleplate (20) including at least one mist outlet opening (22); water atomization means (30) configured to atomize water from the water reservoir so as to generate a mist of water droplets at a mist generation site (32) mist distribution means (40) configured to distribute the mist from the mist generation site (32) to the at least one mist outlet opening (22) comprising: a distribution channel (42) extending from an air inlet (46) along the mist generation site (32) to the at least one mist outlet opening (22); and an air flow generator (44) disposed in or adjacent said distribution channel and configured to generate an airflow that transports the water droplets from the mist generation site (32) through the distribution channel (42) to the at least one mist outlet opening (22).

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

(22) Date of filing of Application :08/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ULTRASONIC TRANSDUCER ARRANGEMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:G01N29/00 :1343350 :29/03/2012 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant:  1)J. RAY MCDERMOTT, S.A. Address of Applicant:757 N. ELDRIDGE PARKWAY HOUSTON, TEXAS 77079 U.S.A. (72)Name of Inventor:  1)PUTSHERRY DINESH DAMODAR 2)KURIAN ABRAHAM 3)PANICKER JAYADEV MURALEEDHARA
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

An ultrasonic transducer arrangement for inspecting a pipe to fitting weld with restricted scanning access. A TOFD ultrasonic send transducer is mounted adjacent one end of a frame. A TOFD ultrasonic receive transducer is mounted on the frame and spaced linearly apart from and aligned with the TOFD send transducer. The TOFD send and receive transducers are each positioned at an angle that matches the external radius of curvature of the pipe. A phased array curved, wedge, send/receive transducer is mounted on the frame and spaced radially apart from the TOFD transducers.

No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 31/07/2015

## (54) Title of the invention: POWR TILLER OPERATED CROP HARVESTER AND A METHOD OF OPERATION THEREOF

(51) International classification	·A01D33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMARAJU PONGAYAGOUNDER
(32) Priority Date	:NA	Address of Applicant : KOTHUNGAR THOTTOR VILLAGE,
(33) Name of priority country	:NA	PUDUPALAYAM, KETTYSUMUNDIRAM POST, BAVANI
(86) International Application No	:NA	TALUKA, ERODE DISTRICT Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)RAMARAJU PONGAYAGOUNDER
(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 crop harvester (100) mounted on rear of a power tiller used for harvesting crops grown on ridges in a row such as rhizomes and tubers deriving power from the PTO of the power tiller through a belt and pulley arrangement comprising at least one blade with a plurality of bar points (15), a plurality of metallic slats (16) hinged at the rear ends of the at least one blade (15) and at least one depth control wheel (24).

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

(21) Application No.370/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : METHOD OF PROVIDING NOTIFICATION BETWEEN NETWORK CONNECTED DEVICES AND ELECTRONIC DEVICE THEREFOR

(51) International classification	·G08B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LG ELECTRONICS INC.
(32) Priority Date	:NA	Address of Applicant :20 Yeouido-dong, Yeongdeungpo-gu,
(33) Name of priority country	:NA	Seoul, Korea. Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VITHAL ANGARKAR
(87) International Publication No	: NA	2)RAVI PRASAD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Embodiments of the disclosure relate to a method and electronic device for providing notification between network connected devices. In an embodiment, a plurality of electronic devices is connected to each other through the network, where one electronic device of the plurality of electronic devices acts as master device. The master electronic device receives information about occurrence of an event on one or more electronic devices. The master electronic device then detects an electronic device that is proximal to the user and transmits the notification of occurrence of event to the electronic device proximal to the user. The user is therefore always updated on occurrence of events on all the network connected devices.

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

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: VACCINE COMPOSITION FOR TRANSDERMAL ADMINISTRATION

		(71)Name of Applicant:
(51) International classification	:A61K39/00	
(31) Priority Document No	:2013-	Address of Applicant :1-2, SHIMOHOZUMI 1-CHOME,
(31) Thornty Document No	020799	IBARAKI-SHI, OSAKA 567-8680 Japan
(32) Priority Date	:05/02/2013	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)OKUBO, KATSUYUKI
(86) International Application No	:NA	2)MAEDA, YOSHIKI
Filing Date	:NA	3)SHISHIDO, TAKUYA
(87) International Publication No	: NA	4)ASARI, DAISUKE
(61) Patent of Addition to Application Number	:NA	5)OKAZAKI, ARIMICHI
Filing Date	:NA	6)MATSUSHITA, KYOHEI
(62) Divisional to Application Number	:NA	7)LI, WENJING
Filing Date	:NA	8)HORI, MITSUHIKO
-		9)SUGIYAMA, HARUO

## (57) Abstract:

The invention provides a cancer vaccine composition for transdermal administration for inducing cellular immunity comprising (i) HER2/neu E75 peptide and/or a modified HER2/neu E75 peptide; and (ii) a first cellular immunity induction promoter.

No. of Pages: 158 No. of Claims: 11

(21) Application No.759/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 31/07/2015

### (54) Title of the invention: HINGED BRACELET

(31) Priority Document No       :12157573.2       1         (32) Priority Date       :29/02/2012       :33) Name of priority country       :EPO       Sw.         (86) International Application No       :NA       (72         Filing Date       :NA       1         (87) International Publication No       : NA       2	1)Name of Applicant: 1)MONTRES RADO S.A. Address of Applicant:BIELSTRASSE 45, 2543 LENGNAU witzerland 2)Name of Inventor: 1)EL KADIRI, HAKIM 2)BOLZT, SEBASTIEN 3)GUNSTER, ARMIN
--	--

#### (57) Abstract:

Hinged bracelet (100) including a first component (6) hinged with a second component (9) by a hinge (8) along an axis (D). A single-piece, resilient compensation element (1) is imprisoned between said first and second components (6; 9) to prevent any direct contact between said components radial to said axis (D), and to limit the relative angular travel thereof and includes, on either side of a central extensible layer (2), at a first end at least one first extensible and compressible boss (3), and at a second end at least one second extensible and compressible boss (4), said first boss (3) and said second boss (4) projecting relative to said layer (2) and having a larger section than that of said layer (2) in a plane perpendicular to said axis (D).

No. of Pages: 29 No. of Claims: 19

(21) Application No.16/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/01/2015

(43) Publication Date: 31/07/2015

# (54) Title of the invention : HEAT-SENSITIVE AMPHIPHILIC POLYURETHANE AND AQUEOUS SOLUTION CAPABLE OF BEING INJECTED BASED ON SUCH MATERIAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filing Date</li> </ul>	:11/07/2013 :WO 2014/016857 :NA :NA	(71)Name of Applicant: 1)GELTIS S.R.L. Address of Applicant: Corso Castelfidardo 30/A I-10128 Torino Italy (72)Name of Inventor: 1)CIARDELLI, Gianluca 2)SARTORI, Susanna 3)BOFFITO, Monica 4)SERAFINI Piero
Filing Date	:NA	

#### (57) Abstract:

A heat-sensitive sol-gel composition capable of being injected is described, composed of an aqueous solution of at least one amphiphilic polyurethane.

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

(21) Application No.17/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/01/2015

(43) Publication Date: 31/07/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR VOLATILE MATTER SHARING IN STAMP-CHARGED COKE OVENS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:13/589,004 :17/08/2012 :U.S.A. :PCT/US2013/054721 :13/08/2013 :WO 2014/028482 :NA	(71)Name of Applicant:  1)SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC  Address of Applicant:1011 Warrenville Road 6th Floor, Lisle, Illinois 60532 U.S.A. (72)Name of Inventor: 1)QUANCI, John F. 2)REILING, Vince
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A volatile matter sharing system includes a first stamp-charged coke oven, a second stamp-charged coke oven, a tunnel fluidly connecting the first stamp-charged coke oven to the second stamp-charged coke oven, and a control valve positioned in the tunnel for controlling fluid flow between the first stamp-charged coke oven and the second stamp-charged coke oven.

No. of Pages: 46 No. of Claims: 43

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

(43) Publication Date: 31/07/2015

# (54) Title of the invention : RAPID ASSAYS FOR T-CELL ACTIVATION BY RNA MEASUREMENTS USING FLOW CYTOMETRY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12Q1/68 :61/665,231 :27/06/2012 :U.S.A. :PCT/US2013/047774 :26/06/2013 :WO 2014/004609 :NA :NA :NA	(71)Name of Applicant:  1)RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY  Address of Applicant: Old Queen's Somerset Street New Brunswick, NJ 08909 U.S.A. (72)Name of Inventor:  1)BUSHKIN, Yuri 2)GENNARO, Maria Laura 3)TYAGI, Sanjay 4)PINE, Richard
--	---	---

<sup>(57)</sup> Abstract:

The present invention relates to a method for rapidly detecting copies of at least one RNA molecule expressed in individual cells and uses thereof.

No. of Pages: 59 No. of Claims: 38

(22) Date of filing of Application :05/01/2015

(43) Publication Date: 31/07/2015

# (54) Title of the invention : MERCHANDIZING, SOCIALIZING, AND/OR GAMING VIA A PERSONAL WELLNESS DEVICE AND/OR A PERSONAL WELLNESS PLATFORM

### (57) Abstract:

A personal wellness system may facilitate merchandizing and/or socializing via personal wellness devices. The personal wellness devices may be portable, handheld devices configured to facilitate personal exercise as well as socializing and/or merchandizing using the devices. The personal wellness devices may be configured to facilitate electronic social networking interactions and/or gameplay with other users. This may enhance a users personal wellness experience with a personal wellness device. The personal wellness devices may provide a portal to a virtual marketplace, where online services, virtual goods, third-party software, games, media, guru content, and/or other information may be obtained. Third-party content may be developed for the personal wellness devices, which may be obtained via the virtual marketplace. The personal wellness devices may be configured to present multimedia, present map information, and/or browse the Internet.

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

(21) Application No.116/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: VEHICLE HEADLIGHT ASSEMBLY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:B60Q 1/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)HSU CHEN-WEI  Address of Applicant:NO.9, LANE 5, TAIZI 4TH ST., RENDE DIST., TAINAN CITY, TAIWAN. (72)Name of Inventor:  1)HSU CHEN-WEI
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A vehicle headlight assembly includes a housing, a lens, a radiation member and a circuit board. The housing has a first hole, and multiple first and second fixing tubes extend from the inside of the housing. The lens is located in the first hole of the housing and has at least two legs which are fixed to the first fixing tubes by multiple first fixing members. The lens has a multiple-focus curved surface on the front side thereof. The radiation member is located in the housing and behind the lens. The radiation member is connected to the second fixing tubes by multiple second fixing members. The radiation member has multiple fins and a fixing board to which the circuit board is connected. The circuit board has multiple Light Emitting Diodes whose beams pass through the multiple-focus curved surface of the leans and are spread to desired angles and areas.

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

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : FLEXIBLE METALLIC MAINTENANCE SEAL ON SINGLE DISC BUTTERFLY VALVES FOR HYDROELECTRIC AND LIFT IRRIGATION PROJECTS

(51) International classification		(71)Name of Applicant :
(51) international elassification	1/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, 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)KARRI PRASAD
Filing Date	:NA	2)ANUJ RAIZADA
(62) Divisional to Application Number	:NA	3)SATISH KUMAR PRAJAPATI
Filing Date	:NA	4)RAHUL PRATAP SINGH

#### (57) Abstract:

The invention relates to a flexible metallic maintenance seal for single disc butterfly valves.; comprising: a movable stainless steel seat (8) with seals housed in a downstream flange (17) of the valve body, such that the seat (8) can be moved forward by fluid pressure (water /oil) towards a maintenance seal (12), for engaging the maintenance seal (12) as well as replacing a main rubber seal (5); and a main rubber seal (5) disposed behind the maintenance seal (12), wherein the movable stainless steel seat (8) comprising a flexible sealing lip at a front end to seat against the maintenance seal (12) fixed on the disc (4) of the door (14), the flexing of the seal absorbing the varying deformation pattern of the valve body (1) and door (14) along the sealing periphery, wherein the flexing of the front sealing lip is restricted by ribs welded on the movable seat (8), wherein the maintenance seal (12) is fixed on the disc (4) of the door (14) behind the main seal (5) by round nuts (19) in counter bored holes of the maintenance seal (12), and wherein the maintenance seal is made hollow so that it can be correspondingly flexed to absorb variation in the deformation pattern of the door (14) and the body (1) along the sealing periphery.

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

(21) Application No.38/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date: 31/07/2015

### (54) Title of the invention: DUAL SPECTROMETER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:G01J3/02,G01J3/44 :61/668,693 :06/07/2012 :U.S.A. :PCT/US2013/049256 :03/07/2013 :WO 2014/008359 :NA :NA	(71)Name of Applicant:  1)SMITHS DETECTION, INC.  Address of Applicant:21 Commerce Drive, Danbury, CT 06810 U.S.A. (72)Name of Inventor:  1)SCHIERING, David, W. 2)FRAYER, Maxim 3)ZOU, Peng
Number		3)200, reng
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Systems and techniques for optical spectrometer detection using, for example, IR spectroscopy components and Raman spectroscopy components are described. For instance, a system includes a first electromagnetic radiation source configured to illuminate a sample with a first portion of electromagnetic radiation in a first region of the electromagnetic spectrum (e.g., an IR source) and a second electromagnetic radiation source configured to illuminate a sample with a second portion of electromagnetic radiation in a second substantially monochromatic region of the electromagnetic spectrum (e.g., a laser source). The system also includes a detector module configured to detect a sample constituent of a sample by analyzing a characteristic of electromagnetic radiation reflected from the sample associated with the first electromagnetic radiation source and a characteristic of electromagnetic radiation reflected from the sample associated with the second electromagnetic radiation source.

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

(21) Application No.5/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date: 31/07/2015

### (54) Title of the invention: ETANERCEPT FORMULATIONS EXHIBITING MARKED REDUCTION IN SUB-VISIBLE **PARTICLES**

(51) International

:A61K9/08,A61K38/19,A61K47/30

classification

(31) Priority Document No :61/669,480

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

:09/07/2012

(86) International Application :PCT/US2013/049778

No

Filing Date

:09/07/2013

(87) International Publication :WO 2014/011672

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

Filing Date

(62) Divisional to Application Number

Filing Date

:NA :NA

:NA

:NA

(71) Name of Applicant:

1) COHERUS BIOSCIENCES, INC.

Address of Applicant: 201 Redwood Shores Parkway, Suite

200, Redwood City, CA U.S.A.

(72) Name of Inventor:

1)MANNING, Mark

2) MURPHY, Brian

3)FARRAR, Douglas

4) HERMAN, Alan

### (57) Abstract:

The invention provides stabilized aqueous pharmaceutical etanercept compositions suitable for long-term storage of etanercept, with substantial reduction in sub-visible particles, and methods of manufacture of these compositions, methods of administration, and articles of manufacture.

No. of Pages: 78 No. of Claims: 15

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A MECHANICAL SYSTEM FOR, GENERATING ROTATIONAL/MOTION USING CONSTRICTED AIR PRESSURE

(51) International classification	·G06F3/01	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DILIP KUMAR PARAMANIK
(32) Priority Date	:NA	Address of Applicant :VILL+P.O. PLOE,DIST-HOOGLY,
(33) Name of priority country	:NA	West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DILIP KUMAR PARAMANIK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

There has designed a very special type of gear / crank shaft which will transform the potential energy of the compressed air into final unidirectional mechanical energy with the arrangement of liner pistons by isothermal process. Pistons move in a linear motion and push the crankshaft to rotate, as a result this rotation turns into machinery speed .When this compressed air engine would be used with a special system in any vehicles or power supply system then its pistons would move by maintaining isothermal process. Due to this isothermal process, the engine absorbs much amount of ambient heat from the environment and this ambient heat, absorbed in the process air, would convert into a kinetic energy leading to increase the extra mileage of the compressed air engine.

No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 31/07/2015

### (54) Title of the invention: AN X-RAY DETECTOR AND A METHOD FOR CONSTRUCTION THEREOF

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:H04N 5/00 :NA :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 München, Germany (72)Name of Inventor:
(86) International Application No	:NA	1)Saptarshi Das
Filing Date	:NA	2)Satish Dubey
(87) International Publication No	: NA	3)Sornam Viswanathan Venkateswaran
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An X-ray detector and a method for construction thereof The present invention and the embodiments thereof relate to an X-ray detector (55) and a method for construction thereof. The X-ray detector (55) j-s configured to detect impinging Xrays (3S1 for the purpose of imaging a part (30) of a subject (25). The X-ray detector (55) incrudes a nonlinear absorption unit (601 and an X-ray converter unj-t (80). The impinging Xrays (35) are nonlinearly filtered, i.e. different intensj-tj-es of the impinging X-rays (35) are attenuated differently. Subsequently, the nonlinearly filtered X-rays (65) are provided to the X-ray converter unit (80) for the purpose of conversion of the nonlinearly filtered X-rays (65) into visible light (85). The visible light (85) can be used thereafter for the purpose of imaging the part (301 of the subject (25).

No. of Pages: 28 No. of Claims: 18

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: DEMOULDING OF OPAQUE SOAP IN DIRECT CAST ROUTE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:A61K 8/00 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)ITC LIMITED  Address of Applicant:37, J.L. NEHRU ROAD, KOLKATA-700071,West Bengal India (72)Name of Inventor:  1)DAS, SUBIR KUMAR 2)SACHAN, PAYAL 3)SODANKURU, SATYANARAYANA SHARMA
(87) International Publication No		3)SODANKURU, SATYANARAYANA SHARMA
(61) Patent of Addition to Application Number	:NA	4)RESHMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A bathing bar composition that can be demoulded using metal moulds, while retaining superior finish and without compromising on bar aesthetics. The bathing soap bar comprising hydrophilic components, hydrophobic components and other cosmetically acceptable excipients and wherein the ratio of the hydrophobic component and hydrophilic component is maintained from about 7:1 to about 3:1 to facilitate demoulding at higher process temperatures using moulds, essentially without compromising on bar aesthetics and surface finish.

No. of Pages: 26 No. of Claims: 13

(22) Date of filing of Application :02/01/2015

(43) Publication Date: 31/07/2015

# (54) Title of the invention : COMPOSITIONS AND METHODS OF INHIBITING MASP-1 AND/OR MASP-2 AND/OR MASP-3 FOR THE TREATMENT OF VARIOUS DISEASES AND DISORDERS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K39/00 :61/661,167 :18/06/2012 :U.S.A. :PCT/US2013/046432 :18/06/2013 :WO 2013/192240 :NA :NA :NA	(71)Name of Applicant:  1)OMEROS CORPORATION Address of Applicant:201 Elliott Avenue West, Seattle, WA 98119 U.S.A.  2)UNIVERSITY OF LEICESTER (72)Name of Inventor: 1)SCHWAEBLE, Hans-wilhelm 2)DEMOPULOS, Gregory, A. 3)DUDLER, Thomas 4)GRAY, Patrick
Filing Date	INA	

### (57) Abstract:

In one aspect, the invention provides methods and compositions for inhibiting MASP-3 -dependent complement activation in a subject suffering from or at risk for developing, a disease or disorder selected from the group consisting of paroxysmal nocturnal hemoglobinuria, age-related macular degeneration, arthritis, disseminated intravascular coagulation, thrombotic microangiopathy, asthma, dense deposit disease, pauci-immune necrotizing crescentic glomerulonephritis, traumatic brain injury, aspiration pneumonia, endophthalmitis, neuromyelitis optica and Behcets disease by administering to the subject a composition comprising an amount of a MASP-3 inhibitory agent in an amount effective to inhibit MASP-3 -dependent complement activation. In some embodiments, the subject is administered a MASP-2 inhibitory agent and a MASP-1 inhibitory agent, a MASP-2 inhibitory agent and a MASP-3 inhibitory agent and a MASP-1 inhibitory agent, or a MASP-1 inhibitory agent, a MASP-2 inhibitory agent, a MASP-3 inhibitory agent.

No. of Pages: 372 No. of Claims: 55

(21) Application No.74/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/01/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: MODIFIED ADENO-ASSOCIATED VIRUS VECTOR COMPOSITIONS

(31) Priority Document No :61/668,839 (32) Priority Date :06/07/2012 (33) Name of priority country :U.S.A. (86) International Application :PCT/US2013/031644

No :PCT/US2013/031644 :14/03/2013

Filing Date
(87) International Publication
:W

No :WO 2014/007858

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

(51) International classification :C12N7/00,C12N15/00,C12N5/00 (71)Name of Applicant:

1)UNIVERSITY OF IOWA RESEARCH FOUNDATION Address of Applicant :112 N. CAPITOL STREET, 6

GILMORE HALL, Iowa city, Iowa 52242 U.S.A.

(72)Name of Inventor:
1)DAVIDSON, Beverly, L.

2)SCHEEL, Maria 3)BOUDREAU, Ryan

(57) Abstract:

Filing Date

An adeno-associated virus filler component comprising a nucleic acid of between 3300 and 4200 nucleotides in length is disclosed.

No. of Pages: 46 No. of Claims: 11

(21) Application No.690/CAL/2001 A

(19) INDIA

(22) Date of filing of Application: 18/12/2001 (43) Publication Date: 31/07/2015

## (54) Title of the invention: CATALYST FOR VINYL ACETATE MANUFACTURE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:B01J21/04 :08/449,604 :23/05/1995 :U.S.A. :NA	,
Filing Date	:NA	1)ABEL ROLAND
(87) International Publication No	: NA	2)NICOLAU IOAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

It has now been found that a particularly active supported catalyst useful for the production of vinyl esters from ethylene, lower carboxylic acids with 2-4 carbon atoms, and oxygen in the gas phase at elevated temperature and at normal or elevated pressure can be obtained by any of the prior art methods of manufacturing the catalyst using three or four metals instead of the prior art recognized two metals or the newly described catalyst containing copper as a third metal U. S. 5,347,046 describes a catalyst containing the third metal copper. The metals which comprise the useful catalyst of this invention are palladium, gold, and at least one of rhenium or zirconium. The concentration of palladium on the support is from about 2 to about 14 grams/liter; the concentration of gold on the catalyst support is from about 1 to about 8 grams/liter, and, when used, the concentration of zirconium on the catalyst support is from about 0.5 to about 4 grams/liter and/or the concentration of rhenium on the catalyst support is from about 1 to about 8 grams/liter.

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

(21) Application No.75/KOLNP/2015 A

(19) INDIA

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

(43) Publication Date: 31/07/2015

(54) Title of the invention: ANTI-TUMORAL COMPOSITION COMPRISING THE COMPOUND 1-(6-{[6-(4-FLUOROPHENYL) [1, 2, 4]TRIAZOLO [4, 3-B] PYRIDAZIN-3-YL] SULFANYL}-1,3-BENZOTHIAZOL-2-YL)-3-(2-MORPHOLIN-4-YLETHYL)UREA

(51) International :A61K9/08,A61K47/40,A61K31/5025

classification

(31) Priority Document No :12305840.6 (32) Priority Date :12/07/2012

(33) Name of priority :EPO country

(86) International

:PCT/EP2013/064741 Application No :11/07/2013

Filing Date

(87) International

:WO 2014/009500 **Publication No** 

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to :NA **Application Number** :NA (71) Name of Applicant:

1)SANOFI

Address of Applicant :54 rue La Boétie, F-75008 Paris France

(72) Name of Inventor: 1) AUTHELIN, Jean-René 2) ASSADOURIAN, Sylvie 3)BENARD, Tsiala 4)GOULAOUIC, Hélène

5)MATHIEU, Amandine 6)PERACCHIA, Maria-Teresa

(57) Abstract:

Filing Date

The present invention concerns an anti-tumoral composition comprising the compound 1-(6-{[6-(4-fluorophenyl)]1,2,4]triazolo[4,3b]pyridazin-3-yl]sulfanyl}-1,3- benzothiazol-2-yl)-3-(2-morpholin-4-ylethyl)urea and its use in the treatment of cancer.

No. of Pages: 31 No. of Claims: 21

(21) Application No.89/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/01/2015 (43) Publication Date : 31/07/2015

### (54) Title of the invention: RAILROAD VEHICLE

(51) International classification	:B61D 15/06,B61D17/04	(71)Name of Applicant: 1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
(31) Priority Document No	:NA	Address of Applicant :1-1, HIGASHIKAWASAKI-CHO 3-
(32) Priority Date	:NA	CHOME, CHUO-KU, KOBE-SHI, HYOGO 6508670 JAPAN
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/JP2012/004518	1)SANO, ATSUSHI
Filing Date	:12/07/2012	2)KAWAKAMI, NAOAKI
(87) International Publication No	:WO 2014/010001	3)MINAMIMOTO, YASUFUMI
(61) Patent of Addition to Application	:NA	4)YOSHIDA, NAOHIRO
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A railcar (100) according to the present invention includes: an underframe (10) including an end beam (11) at its railcar-longitudinal-direction end portion; side bodyshells (20); a roof bodyshell (30); side outside plates (21) respectively arranged at both railcar-width-direction end portions of the railcar and constituting the side bodyshells (20); corner posts (40) extending from the end beam (11) toward the roof bodyshell (30); and intermediate coupling members (50) each configured to couple the side outside plate (21) and the corner post (40), the stiffness of the intermediate coupling member (50) in a railcar longitudinal direction being lower than the stiffness of the intermediate coupling member (50) in a vertical direction.

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

(21) Application No.7/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :01/01/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: ANTIBODIES TO TAU

(51) International classification	:C07K16/18,G01N33/53	(71)Name of Applicant:
(31) Priority Document No	:61/667,515	1)WASHINGTON UNIVERSITY
(32) Priority Date	:03/07/2012	Address of Applicant :One Brookings Drive, St. Louis,
(33) Name of priority country	:U.S.A.	Missouri 63130 U.S.A.
(86) International Application No	:PCT/US2013/049333	(72)Name of Inventor:
Filing Date	:03/07/2013	1)HOLTZMAN, DAVID
(87) International Publication No	:WO 2014/008404	2)JIANG, HONG
(61) Patent of Addition to Application	:NA	3)DIAMOND, MARC
Number	:NA	4)KFOURY, NAJLA
Filing Date	.1121	5)HOLMES, BRANDON
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to antibodies to tau and methods of use thereof.

No. of Pages: 204 No. of Claims: 17

(21) Application No.48/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/01/2015 (43) Publication Date : 31/07/2015

### (54) Title of the invention: EXPANSION BOLT

(51) International :F16B13/06,F16B13/08,F16B31/02

classification ... 170B13/00,170B13/00,170B31/0

:WO 2014/005876

(31) Priority Document No :10 2012 211 418.1 (32) Priority Date :02/07/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/063192

No :25/06/2013

Filing Date :25/06/2013

(87) International Publication

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

(71) Name of Applicant:

1)HILTI AKTIENGESELLSCHAFT

Address of Applicant :Feldkircherstr. 100, CH-9494 Schaan

Liechtenstein

(72)Name of Inventor:1)ECKSTEIN, Andreas2)GOLDT, Mathias3)SCHAEFFER, Marc

4)APPL, Joerg

5)DIJKHUIS, Arjen Detmer

### (57) Abstract:

The invention relates to an expansion bolt comprising an anchor bolt having an expansion section, and further comprising an expansion sleeve which surrounds the anchor bolt and which can be expanded by retracting the expansion section, and a spring element arranged on the anchor bolt. The spring element can be tensioned by inserting the anchor bolt into a bore hole and can retract the expansion section of the anchor bolt into the expansion sleeve when it is released. An indicator element indicates when a rated tension of the spring element is reached.

No. of Pages: 14 No. of Claims: 9

(21) Application No.101/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention: MOBILE ELECTRONIC DEVICE PROTECTIVE COVER WITH FRAGRANCE EMITTING MEANS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	9/00 :NA :NA	(71)Name of Applicant:  1)Kuo-Chung YANG Address of Applicant: No. 85-5, Tapientou, Houtsuo Village, Sanchih Dist., New Taipei City, Taiwan, R.O.C. China (72)Name of Inventor:
(86) International Application No	:NA	1)Kuo-Chung YANG
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 mobile electronic device protective cover includes a cover body 1 for holding a mobile electronic device 5,a sliding plate 2 transversely mounted in a back side of the cover body 1 and having a fragrant carrier 23 and movable in and out of one lateral side of the cover body 1 between an extended position and a received position, and a cover plate 4 mounted in the back side of the cover body 1 to keep the sliding plate 2 form sight when the sliding plate 2 is in the received position and having an air vent hole 41 for enabling the good smell of the fragrance in the fragrant carrier 23 to be diffused into the atmosphere.

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

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : 'AN IMPROVED METHOD OF WELDING NON-FERROUS FLEXIBLE FOILS TO A METAL PLATE BY FRICTION STIR WELDING (FSW)'

(51) International classification	:B23K	(71)Name of Applicant:
(31) International classification	20/00	1)BHARAT HEAVY ELECTRICALS LIMITED
(31) Priority Document No	:NA	Address of Applicant :REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 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)ARUNACHALAM SANTHAKUMARI
Filing Date	:NA	2)LUCKY GAUR
(62) Divisional to Application Number	:NA	3)NAINIAPPAN RAJASEKARAN
Filing Date	:NA	4)ARASAN RAJA

#### (57) Abstract:

The invention relates to an improved method of welding non-ferrous flexible foils to a metal plate by Friction Stir Welding (FSW), the method comprising the steps of providing a holding device having a horizontal base member (4) attached at two ends one each longitudinal member (5) formed in a shape of inverted L shape, the base member (4) provided on upper surface a second horizontal member (3); clamping a plate (1) and multiple non-ferrous foils (2) in a horizontal direction at identical thickness level with a zero-gap between their joining surface through application of pressure, the assembly (1, 2) having placed on the second horizontal member (3) and the longitudinal members (5); locating a friction stir welding tool (6) with a rotating pin (7) over the plate and foil assembly (1, 2); causing the tool to rotate upon touching the joining surface and allowing plunging of the pin under optimum pressure to enable the pin (7) to progressively reach the full-depth on the upper surface of the joining line imparting a traverse motion making the tool including the welded component (1, 2) along the welding direction to complete the welding; and removing the welding component (1, 2) from the device.

No. of Pages: 11 No. of Claims: 10

(21) Application No.76/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/01/2015 (43) Publication Date: 31/07/2015

### (54) Title of the invention: TRI-SALT FORM OF METFORMIN

(51) International :C07C279/26,C07C279/02,C07C277/08 classification

:U.S.A.

(31) Priority Document :61/669,763

(32) Priority Date :10/07/2012 (33) Name of priority

country

(86) International

:PCT/US2013/049984 Application No :10/07/2013

Filing Date (87) International

:WO 2014/011814 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) THETIS PHARMACEUTICALS LLC

Address of Applicant: 167 Old Post Road, Southport, CT

06890 U.S.A.

(72) Name of Inventor:

1)MYLARI, Banavara, L.

2)SCIAVOLINO, Frank, C.

### (57) Abstract:

Provided herein are tri-salt compounds comprising a compound having two acidic functional groups and one basic functional groups (e.g., aspartate or glutamate), metformin, and polyunsaturated fatty acids, such as eicosapentaenoate or docosahexaenoate. The salts can be used in the treatment of diabetes, diabetes with concomitant dyslipidemia (e.g., high triglycerides) and diabetes exacerbated cardiovascular complications, such as cardiac arrhythmia, cardiac ischemia, myocardial infarction, cardiomyopathy, and stroke. The compounds of this invention are also useful in treating obesity.

No. of Pages: 57 No. of Claims: 26

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A METHOD OF ONE TOUCH PAIRING OF THREE OR MORE BLUETOOTH DEVICES USING A SINGLE NFC TAG

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:H04M 1/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)VISTEON GLOBAL TECHNOLOGIES, INC. Address of Applicant: ONE VILLAGE CENTER DRIVE, VAN BUREN TOWNSHIP, MICHIGAN 48111-5711, USA (72)Name of Inventor: 1)SWAMINATHAN GANESAN 2)SIVAKUMAR YEDDANAPUDI
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention discloses a method of one touch pairing of three or more Bluetooth devices using a single Near Field Chip (NFC) tag. The method includes tapping a first Bluetooth device on a NFC tag disposed on a second Bluetooth device, launching a mobile application in the first Bluetooth device by the NFC tag, wherein the mobile application turns on Bluetooth connectivity of the first Bluetooth device, searching addresses of the second Bluetooth device and a third Bluetooth device by the mobile application on the first Bluetooth device, initiating pairing process by the mobile application with the second Bluetooth device and establishing a first Bluetooth connection between the first Bluetooth device and the second Bluetooth device, initiating pairing process by the mobile application with the third Bluetooth device and establishing a second Bluetooth connection between the first Bluetooth device and the third Bluetooth device and displaying visual confirmation on display of each of the first Bluetooth device, the second Bluetooth device and the third Bluetooth device that the all three Bluetooth devices are successfully connected. The present invention is targeted for motor bike drivers and the method is particularly applicable for hassle free pairing between a users smart phone, motor bike cluster and helmet with Bluetooth Hand free.

No. of Pages: 12 No. of Claims: 4

(21) Application No.91/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/01/2015

(43) Publication Date: 31/07/2015

# (54) Title of the invention : COMPOSITION COMPRISING DEHYDRATED CHICKEN EGG ALBUMEN FOR USE IN THE TOPICAL TREATMENT OF INFLAMMATORY DISEASES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61K35/54,A61P19/02 :MI2012A001076 :20/06/2012 :Italy :PCT/IB2013/055066 :20/06/2013 :WO 2013/190496 :NA :NA	(71)Name of Applicant:  1)GIELLEPI S.P.A. Address of Applicant: Via Mascheroni 4, I-20123 Milano MI Italy (72)Name of Inventor: 1)TERRUZZI, Carlo 2)DEGRASSI, Luca
•	:NA :NA	

### (57) Abstract:

The present invention relates to a composition for use in the treatment by topical administration of inflammatory diseases associated with tissue degeneration and/or tissue damage in humans or animals, comprising dehydrated avian egg albumen.

No. of Pages: 35 No. of Claims: 19

(22) Date of filing of Application :07/01/2015 (43) Publication Date : 31/07/2015

### (54) Title of the invention: DEVICE FOR MEASURING APPEARANCE OF GRAINS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G01N21/85 :2012-143709 :27/06/2012 :Japan :PCT/JP2013/063700 :16/05/2013 :WO 2014/002636 :NA :NA	(71)Name of Applicant:  1)SATAKE CORPORATION Address of Applicant: 7-2, Sotokanda 4-chome, Chiyoda-ku, Tokyo 1010021 Japan (72)Name of Inventor: 1)MATSUSHIMA Hideaki 2)ISHIZUKI, Hiroki 3)TAKEUCHI, Hiroaki
---	---	--

### (57) Abstract:

The invention addresses the technical problem of simultaneously performing an optical scan and performing a visual pseudo inspection of an aggregate image by way of a grain observation plate by optically scanning grains using image information of grains imaged by an imaging device and creating the aggregate image (pseudo image) of grains deposited on the grain observation plate using the image information. Thus, a device for measuring appearance of grains comprises: an imaging means for imaging a plurality of grains; an analyzing means for analyzing the image information, imaged by way of the imaging means, for each grain; a processing means for forming an aggregate image by processing the image information; and a means for storing and/or displaying the aggregate image processed by the processing means. The processing means forms the aggregate image of the grains by extracting images of single grains from the image information and arranging the extracted single grain images for each grain in a state of being in close mutual contact.

No. of Pages: 36 No. of Claims: 5

(21) Application No.118/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : A SYSTEM AND A METHOD FOR CONTROLLING AN INTENSITY OF X-RAYS GENERATED BY AN X-RAY IMAGING DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No</li> </ul>	:A61B 6/00 :NA :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 München, Germany (72)Name of Inventor: 1)SAPTARSHI DAS
Filing Date (87) International Publication No	:NA : NA	2)SATISH DUBEY 3)SORNAM VISWANATHAN VENKATESWARAN
<ul><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li><li>Filing Date</li></ul>	:NA :NA :NA :NA	

#### (57) Abstract:

A system and a method for control-l-ing an intens:-ty of X-rays generated by an X-ray imaging device The present. invention anci the embodiments thereof relate to a system (5) and a method for control-ling an intensity of an Xray imaging device (15). An image brightness value is determined for an image (180) obtained therein and an electrical parameter thereof is determined. The image (180) obtained therein is via nonlinear attenuation of visible light (98) obtained from an X-ray detector (40) comprised in the X-ray imaging device (15). The electrj-ca1 parameter is thereafter provided to the x-ray imaging device (15) for 15 controlling the intensity of the generated X-rays (10).

No. of Pages: 49 No. of Claims: 18

(22) Date of filing of Application :26/09/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: CLUTCH DEVICE AND STRADDLE-TYPE VEHICLE.

(#4) T	D <2.10 /0.0	77/27
(51) International classification	:B62J9/00	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)YAMAHA HATSUDOKI KABUSHIKI KAISHA
(31) Thomas Boomment 110	206826	Address of Applicant :2500 SHINGAI,IWATA-
(32) Priority Date	:01/10/2013	SHI,SHIZUOKA-KEN 438-8501,JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KENGO MINAMI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

When a pressure member of a clutch is placed in an engagement position, a first arm is placed in a first arm position. When the pressure member is placed in a contact start position, the first arm is placed in a second arm position. A reaction force which acts on a actuator from the pressure member is larger in the contact start position than the engagement position. The arm positions are set so that a lever ratio when the first arm is in the second arm position is larger than the lever ratio when the first arm is in the first arm position. Thereby, torque of an actuator necessary for operating the pressure member of the clutch may be made smaller.

No. of Pages: 39 No. of Claims: 13

(21) Application No.18/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/01/2015 (43) Publication Date : 31/07/2015

# (54) Title of the invention: PERSONAL WELLNESS DEVICE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:17/06/2013 :WO 2013/192084 :NA :NA :NA	(71)Name of Applicant:  1)EZ AS A DRINK PRODUCTIONS, INC. Address of Applicant: 316 California Ave #318, Reno, NV 89509 U.S.A. (72)Name of Inventor: 1)YANEV, Kostadin, Dimitrov 2)VASSILEV, Angel, Georgiev 3)YANEV, Ivo, Kostadinov 4)DOBREV, Kamen, Radev
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A personal wellness device comprise two housing bodies, a force sensor, a user interface, one or more processors, and/or other components. A first housing body and a second housing body may be movably coupled together by way of a coupling mechanism such that the two housing bodies are reconfigurable between an open configuration and a closed configuration. The force sensor may be configured to generate a force output signal that conveys information related to compressive force exerted on the two housing bodies while in the closed configuration. The user interface may be accessible with the two housing bodies in the open configuration. The one or more processors may be configured to execute one or more computer program modules, including a presentation module configured to present, via the user interface, information associated with compressive force exerted on the two housing bodies, the information being derived from the force output signal.

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

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

(43) Publication Date: 31/07/2015

## (54) Title of the invention: RECOVERING METAL VALUES FROM OXIDES OF MANGANESE-CONTAINING MATERIALS

(51) International classification	:G09B 19/00,C22B 3/06	(71)Name of Applicant: 1)DEEPGREEN ENGINEERING PTE. LTD.
(31) Priority Document No	:61/717,160	Address of Applicant :146 ROBINSON ROAD, #07-01
(32) Priority Date	:23/10/2012	SINGAPORE 068909 SINGAPORE
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2013/065677	1)DRINKARD, WILLIAM, F.
Filing Date	:18/10/2013	2)WOERNER, HANS, J.
(87) International Publication No	:WO 2014/066169	3)NIXON, WILLIAM, M
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	
Tillig Date	.IVA	

### (57) Abstract:

An improved method for treating manganese-containing materials, such as nodules recovered by undersea mining, including reacting the materials with ammonia, and leaching with a mineral acid, and to methods for recovering valuable constituents from such nodules, especially manganese, cobalt, nickel, iron, copper, titanium, vanadium, cerium, and molybdenum. A method for the production of nitrate products is also disclosed.

No. of Pages: 13 No. of Claims: 18

(21) Application No.106/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 31/07/2015

## (54) Title of the invention: A COMPOSITE SUPPORT BLOCK TO SUPPORT FIELD WINDINGS IN HYDRO GENERATORS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:B29C 45/00 :NA	(71)Name of Applicant:  1)BHARAT HEAVY ELECTRICALS LIMITED  Address of Applicant: REGION CAL OPERATIONS
(32) Priority Date	:NA	DIVISION (ROD)PLOT NO.9/1,DJ BLOCK 3RD FLOOR
(33) Name of priority country	:NA	KARUNAMOYEE, SALT LAKE CITY,KOLKATA-700091.
(86) International Application No	:NA	West Bengal India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)BRAJESH KUMAR SINGH
(61) Patent of Addition to Application Number	: NA :NA	2)KRISHNA CHAITANYA BANDARU
Filing Date	:NA	3)ILLA YADAV
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention is a composite support block used to support field windings in hydro generators. It is a V-shaped block made by pressure-molding epoxy glass, embedding stainless steel plates at highly stressed locations on the block during the molding of the bock, and coating the assembly with air-drying varnish, wherein the mold is post-cured at 130°C to 140°C for a period of about 8 to 10 hours.

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

(21) Application No.14/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :02/01/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: COOPERATIVE PRIMERS, PROBES, AND APPLICATIONS THEREOF

(51) International classification	:C12N15/11,C12Q1/68	(71)Name of Applicant:
(31) Priority Document No	:61/672,329	1)DNA LOGIX, INC.
(32) Priority Date	:17/07/2012	Address of Applicant :Suite 200, 585 W 500 S, West
(33) Name of priority country	:U.S.A.	Bountiful, Utah 84010 U.S.A.
(86) International Application No	:PCT/US2013/050811	(72)Name of Inventor:
Filing Date	:17/07/2013	1)SATTERFIELD, Brent C.
(87) International Publication No	:WO 2014/014988	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Disclosed are compositions and a method relating to amplifying and detecting nucleic acids.

No. of Pages: 67 No. of Claims: 20

(21) Application No.60/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/01/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: COMBI-FILTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12M1/00,B01D46/00 :102012017972.3 :12/09/2012 :Germany :PCT/EP2013/002103 :16/07/2013 :WO 2014/040669 :NA :NA :NA	(71)Name of Applicant:  1)SARTORIUS STEDIM BIOTECH GMBH Address of Applicant: August-Spindler-Str. 11, 37079 Göttingen Germany (72)Name of Inventor: 1)REIF, Oscar-Werner 2)GRELLER, Gerhard 3)NIKOLOUDIS, Paschalis 4)LAUSCH, Ralf 5)HUSEMANN, Ute 6)LOEWE, Thomas 7)FRIESE, Thomas 8)DREHER, Thomas
--	--	---

### (57) Abstract:

The invention relates to a device for cultivating cells in a bioreactor, the exhaust air duct of which that leads out of the interior of the reactor has an exhaust air filter comprising a sterile filtering micro-filter membrane. At least one pre-filter comprising a hydrophobic filter material is mounted upstream of the exhaust air filter, said pre-filter facing the reactor interior.

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

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 31/07/2015

# (54) Title of the invention : AN ADVANCED GLYCATION END PRODUCT(AGE) -TAGGED SITE SPECIFIC DRUG DELIVERY SYSTEM AND NANOPARTICLES PRODUCED THEREOF

(51) International classification	:A23L1/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR. ABHISHEK BHATTACHEYEE
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY OF CALCUTTA,
(33) Name of priority country	:NA	DEPARTMENT OF BIOPHYSICS, MOLECULAR BIOLOGY
(86) International Application No	:NA	AND BIOINFORMATICS, 92, A.P.C. ROAD, KOLKATA -
Filing Date	:NA	700009 West Bengal India
(87) International Publication No	: NA	2)PROF. ABHAY SANKAR CHAKRABORTI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. ABHISHEK BHATTACHEYEE
(62) Divisional to Application Number	:NA	2)PROF. ABHAY SANKAR CHAKRABORTI
Filing Date	:NA	

### (57) Abstract:

The present invention relates to An Advanced Glycation End product (AGE) - tagged site specific drug delivery system and nanoparticles produced thereof. In particular, it relates to fonnulation of an Argpyrimidine - tagged site specific drug delivery system made of biocompatible polymer, to selectively bind to the Receptors of AGEs (RAGEs) on the inflammatory cell surface in Diabetic complications. It also relates to the process of preparation of a bioflavonoid entrapped Argpyrimidine - tagged target specific nanoparticles composite.

No. of Pages: 25 No. of Claims: 8

(21) Application No.61/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/01/2015 (43) Publication Date : 31/07/2015

## (54) Title of the invention: SYSTEM, APPARATUS AND METHOD FOR ACTIVITY GUIDANCE AND MONITORING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06Q10/00 :61/672,619 :17/07/2012 :U.S.A. :PCT/US2013/050851 :17/07/2013 :WO 2014/015015 :NA :NA	(71)Name of Applicant:  1)ZAHNOW, Myron, Frederick   Address of Applicant: 3312 Canoncita Lane, Plano, TX 75023 U.S.A. (72)Name of Inventor:  1)ZAHNOW, Myron, Frederick
--	---	--

### (57) Abstract:

Embodiments of the present disclosure provide systems, apparatus and methods for activity guidance and monitoring utilizing a scanning device associated with a system network. Embodiments further disclose activity guidance and monitoring of labor workflow. The system may include a scanning device with a network communication component facilitating communication with a server. The scanning device may scan identification codes associated with a user or an activity, and display activity information based upon the scanned codes. The server may include a database of information related to the users and activities as well as historical information, and the server may provide analysis of such information. A user interface may facilitate activity status updates to be input into the system. Reports may be created to reflect the status updates or an analysis of the information.

No. of Pages: 45 No. of Claims: 65

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 31/07/2015

(54) Title of the invention: 'AN IMPROVED INSULATED END-SHIELD TO PROTECT DEEP GROOVE BALL BEARINGS MOUNTED ON THE DRIVE-END AND THE NON-DRIVE END OF AN A.C. INDUCTION MOTOR FROM HARMFUL ROTOR CURRENTS AND FROM DAMAGES DUE TO ELECTRICAL PITTING'

(51) International classification  (31) Priority Document No (32) Priority Date (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 Filing Date (83) International Publication No Filing Date (84) Patent of Addition to Application Number Filing Date (85) Divisional to Application Number Filing Date (86) Divisional to Application Number Filing Date (87) International Publication Number Filing Date (88) International Publication Number Filing Date (89) International Classification Filing Date (80) International Classification Filing Date (80) International Classification Filing Date (81) International Classification Filing Date (81) International Classification Filing Date (81) International Classification Filing Date (82) International Classification Filing Date (83) International Publication Filing Date	(71)Name of Applicant:  1)BHARAT HEAVY ELECTRICALS LIMITED  Address of Applicant:BHARAT HEAVY ELECTRICALS LIMITED REGION CAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI FORT, NEW DELHI - 110049, West Bengal India (72)Name of Inventor:  1)MUKESH KUMAR MARAVI 2)BINOD MUMAR 3)ATISHAY MITTAL 4)YOGESH MAHAJAN
--	--

### (57) Abstract:

The present invention relates to an improved and newly invented insulated end- shield of A.C Induction motor with Deep Groove Ball Bearings to achieve a desired insulation to restrict leakage of current, the improvement is characterized by an End-shield (3A) additionally machined, and an insulating Ring (4A) conjointly forming an Insulated end-shield (5A) which when mounted at both driving end (DE) and non-driving end NDE providing desired insulation to protect bearings from harmful rotor current; the additionally machined end-shield (3A) is made of cast iron and the Insulating Ring (4A) is made of steel and provided with radial insulation of epoxy resin; and wherein the insulating Ring (4A) is mounted over the additional machined End-shield (3A) from inside of the motor with the help of an insulating bolt (5C) and an insulating washer (5D).

No. of Pages: 15 No. of Claims: 2

# PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS(MUMBAI)

NOTICE IS HEREBY GIVEN THAT ANY PERSON INTERESTED IN OPPOSING THE FOLLOWING APPLICATION FOR RESTORATION OF PATENTS UNDER SECTION 60 OF THE PATENT ACT, 1970, MAY AT ANY TIME WITHIN 2 MONTHS FROM THE DATE OF PUBLICATION OF THIS NOTICE, GIVE NOTICE TO THE CONTROLLER OF PATENTS AT THE APPROPRIATE OFFICE ON THE PRESCRIBED FORM-14 UNDER RULE 85 OF THE PATENTS (AMENDMENT) RULES, 2006.

Sl. No.	PATENT NOS.	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
1.	222798	Perfect Engineers	Aluminium hollow flat for cotton carding machine	20/12/2013	Mumbai
2.	203899	1.Mrs. Rohini Nandkumar Devi 2.Mr. Nandakumar Bal- krishnadas Devi	A door or window frame	27/04/2014	Mumbai

# PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl. No	Applications No.	Patent No.	Applicants	Title	Date of Publicatio n U/R.84(3)	Appropriate Office
1.	IN/PCT/2001/1201/KOL	201711	NEKS RECHERCHE ET DEVELOPPEMENT INC.	INTERPROXIMAL TOOTH COATING APPLICATOR	09/01/2015	Kolkata
2.	1030/KOLNP/2003	210102	LAFARGE PLATRES	PROCESS FOR THE MANUFACTURE OF PLASTERBOARDS AND SURFACTANT FOR USE IN LIGHTENING PLASTERBOARDS	16/10/2009	Kolkata

# Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Num ber	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropr iate Office
1	267573	4672/DELNP/2010	17/12/2008	18/12/2007	PROCESS OF FIXING WOUND ITEMS	COATINGS FOREIGN IP CO. LLC	11/11/2011	DELHI
2	267576	1052/DELNP/2007	17/05/2005	08/07/2004	METHOD FOR IMPROVING ALIGNMENT PRECISION OF PARTS IN MEMS	INTERNATIONAL BUSINESS MACHINES CORPORATION	03/08/2007	DELHI
3	267586	1733/DEL/2004	14/09/2004		'AN EQUIPMENT FOR COLLECTING AN UNBIASED COAL SAMPLE FROM OPEN RAILWAY WAGONS FOR QUALITY ANALYSIS'	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	18/08/2006	DELHI
4	267587	287/DEL/2010	11/02/2010	18/02/2009	A PROCESS FOR THE MANUFACTURE OF HIGH MOLECULAR WEIGHT ALIPHATIC DICARBOXYLIC ACID COPOLYMERS	ROHM AND HAAS COMPANY,	08/06/2012	DELHI
5	267588	1790/DEL/2010	30/07/2010 14:48:25	21/09/2009	SELECTIVE HYDROGENATION OF DIENES IN THE MANUFACTURE OF MLAB	UOP LLC	18/10/2013	DELHI
6	267590	5330/DELNP/2010	23/01/2009	23/01/2008	A METHOD OF PROVIDING A BLEND	MEXICHEM AMANCO HOLDING S.A. DE C.V.	03/02/2012	DELHI
7	267591	5142/DELNP/2005	25/03/2005	31/03/2004	BATTERY DEVICE	SONY CORPORATION	02/10/2009	DELHI
8	267594	2582/DELNP/2011	07/10/2009	08/10/2008	SYNTHESIS PROCESS OF POLYOL CARBONATE FROM POLYOLS, CONDUCTED IN USING A SOLVENT SELECTIVE FOR POLYOLS CARBONATES	ARKEMA FRANCE	30/03/2012	DELHI
9	267596	6909/DELNP/2007	18/02/2005	17/02/2005	MIXED ALCOHOL FUEL FOR INTERNAL COMBUSTION ENGINES	STANDARD ALCOHOL COMPANY OF AMERICA, INC	28/09/2007	DELHI
10	267598	4340/DELNP/2005	23/04/2004	23/04/2003	HIGH DRUG LOAD MESALAZINE SACHET	FERRING B.V.	31/08/2007	DELHI
11	267601	7345/DELNP/2008	13/03/2007	13/03/2006	COATED GLASS SHEET	AGC FLAT GLASS EUROPE S.A	24/10/2008	DELHI
12	267603	1227/DELNP/2006	15/09/2004	17/09/2003	CATALYST COMPOSITION FOR THE HYDROCONVERSION OF A HEAVY HYDROCARBON FEEDSTOCK	Shell Internationale Research Maatschappij B.V.	09/08/2013	DELHI
13	267604	5326/DELNP/2009	28/02/2007	28/02/2007	PROCESS FOR PRODUCING CRUDE AROMATIC DICARBOXYLIC ACID TO BE FED TO HYDROGENATION PURIFICATION	HITACHI PLANT TECHNOLOGIES, LTD.	23/04/2010	DELHI

14	267605	7210/DELNP/2006	24/06/2005	27/07/2004	GROUP III NITRIDE BASED QUANTUM WELL LIGHT EMITTING DEVICE STRUCTURES WITH AN INDIUM CONTAINING CAPPING STRUCTURE	CREE, INC.	24/08/2007	DELHI
15	267606	5004/DELNP/2008	22/12/2006	23/12/2005	FORMULATION	SYNGENTA LIMITED	26/09/2008	DELHI
16	267611	57/DEL/2008	07/01/2008 12:16:08		AN IMPROVED PROCESS OF PREPARATION OF COMMON SALT OF HIGH PURITY FROM BRINES IN SOLAR SALT PANS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	07/08/2009	DELHI
17	267613	2425/DEL/2006	08/11/2006	27/12/2005	AIR-COOLED INTERNAL COMBUSTION ENGINE EQUIPPED WITH AN OIL TERMPERATURE SENSOR	HONDA MOTOR CO., LTD.	31/08/2007	DELHI
18	267615	6669/DELNP/2006	29/04/2005	30/04/2004	MANAGEMENT OF BREAKTHROUGH BLEEDING IN EXTENDED HORMONAL. CONTRACEPTIVE REGIMENS	BAYER PHARMA AKTIENGESELLSCHAF T	22/06/2007	DELHI
19	267616	1042/DEL/2007	15/05/2007 11:45:56		POLY DL-LACHIDE-CO- GLYCOLIDE (PLG) NANOPARTICLE BASED ORAL DRUG DELIVERY SYSTEM FOR ECONAZOLE MOXIFLOXACIN AND REFAMPICIN	LIFECARE INNOVATIONS PVT. LTD	26/12/2008	DELHI
20	267617	1041/DEL/2007	14/05/2007 16:17:59		PROCESS FOR OBTAINING BIOACTIVE RECOMBINANT PROTEIN FROM INCLUSION BODIES	NATIONAL INSTITUTE OF IMMUNOLOGY	13/02/2009	DELHI
21	267618	3643/DELNP/2004	12/10/2000	17/10/1999	A MODIFIER FOR DEVULCANIZATION OF SULFUR CURED ELASTOMERS.	LEV-GUM LTD.	01/02/2008	DELHI
22	267619	5583/DELNP/2010	26/03/2009	13/05/2008	AGENT FOR IMPROVING GOOD RICE SEEDLING GROWTH	COSMO OIL CO., LTD.	03/02/2012	DELHI
23	267620	1616/DELNP/2010	28/08/2008	10/09/2007	POLYURETHANE COATINGS WITH IMPROVED INTERLAYER ADHESION	PRC-DESOTO INTERNATIONAL, INC	06/08/2010	DELHI
24	267621	3377/DELNP/2008	04/10/2006	07/10/2005	ENANTIOSELECTIVE EPOXIDE HYDLROLASE AND METHOD FOR PREPARING AN ENANTIOPURE EPOXIDE USING THE SAME •	KOREA OCEAN RESEARCH AND DEVELOPMENT INSTITUTE	20/03/2009	DELHI
25	267623	5048/DELNP/2007	21/11/2005	15/12/2004	IMPROVED SPIRAL FABRICS	ALBANY INTERNATIONAL CORP.	17/08/2007	DELHI

26	267626	8602/DELNP/2007	15/05/2006	17/05/2005	FLUID DISPENSER WITH POSITIVE DISPLACEMENT PUMP	NORDSON CORPORATION	27/06/2008	DELHI
27	267627	3570/DELNP/2006	22/11/2004	20/11/2003	PLASMID MAINTENANCE	Boehringer Ingelheim RCV GmbH & Co KG	31/08/2007	DELHI
28	267629	5543/DELNP/2008	04/01/2007	05/01/2006	ANTI-EPHB4 ANTIBODIES AND METHODS USING SAME	GENENTECH, INC.	26/09/2008	DELHI
29	267630	929/DEL/2006	31/03/2006		A SOLID STATE MATRIX, PROCESS OF PREPARATION THEREOF, AND PROCESS OF PREPARATION OF THEAFLAVINS	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	10/09/2010	DELHI
30	267632	645/DEL/2006	10/03/2006		A PROCESS FOR MAKING IRON TANNED LEATHER USING NATURAL POLYSACCHARIDE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	26/08/2011	DELHI
31	267638	734/DELNP/2006	25/08/2004	26/08/2003	RAILWAY CAR WITH DISCHARGE CONTROL SYSTEM	TRINITY INDUSTRIES, INC.	17/08/2007	DELHI
32	267639	957/DEL/2007	03/05/2007		COMPLETE SOLUBLE PROTEIN ANTIGEN AS VACCINE AND THERAPEUTICS AGAINST KALA-AZAR	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	23/04/2010	DELHI
33	267640	260/DEL/2001	07/03/2001		A PROCESS FOR STABILISATION OF HEAVY METAL CONTAMINATED WASTE BEARING HEAVY METALS INTO ENVIRONMENTALLY SAFE NON-LEACHABLE MATRIX	ADDITIONAL DIRECTOR, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE,	12/06/2009	DELHI
34	267642	686/DEL/2001	20/06/2001		A PROCESS FOR PREPARATION OF HYDRAZINIUM NITROFORMATE (HNF)	DEFENCE RESEARCH & DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE, GOVT OF INDIA,	21/01/2011	DELHI
35	267643	7901/DELNP/2007	26/04/2006	27/04/2005	METHOD AND SYSTEM FOR ABSOLUTE PLATELET PERCENT AGGREGATION DETERMINATION	ACCUMETRICS, INC.	09/11/2007	DELHI
36	267644	6980/DELNP/2010	02/04/2009	03/04/2008	PROCESS FOR CONTINUOUS OLIGOMERIZATION OF ISOCYANATES	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.),INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, VENCOREX FRANCE	25/11/2011	DELHI
37	267645	2063/DEL/2006	19/09/2006		A PROCESS FOR ENHANCED HYDROGEN AND METHANE PRODUCTION	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	06/06/2008	DELHI

38	267646	2205/DELNP/2009	04/10/2007	06/10/2006	PROCESS FOR HYDRO GENATION OF CARBOXYLIC ACIDS AND DERIVATIVES TO HYDROCARBONS	BP OIL INTERNATIONAL LIMITED	15/05/2009	DELHI
39	267647	2368/DEL/2007	13/11/2007		A PROCESS FOR PREPARATION OF 3,3'- DIAMINOBENZIDINE AND ITS ANALOGUES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
40	267648	4098/DELNP/2008	13/11/2006	14/11/2005	PLASTICIZED PVC COMPOSITIONS	ISP INVESTMENTS LLC	15/08/2008	DELHI
41	267649	109/DELNP/2008	14/07/2005	14/07/2005	GRAIN-ORIENTED ELECTROMAGNETIC STEEL SHEET HAVING CHROMIUM-FREE INSULATION COATING AND INSULATION COATING AGENT THEREFOR	NIPPON STEEL & SUMITOMO METAL CORPORATION	04/07/2008	DELHI
42	267650	4320/DELNP/2008	06/10/2006	21/10/2005	A COMPOSITION USEFUL FOR PREVENTING DISEASES IN INFANTS DELIVERED VIA CAESAREAN SECTION	N.V.NUTRICIA	15/08/2008	DELHI
43	267651	3118/DELNP/2007	04/11/2004	04/11/2004	ORGANOCHROMIUM/META LLOCENE COMBINATION CATALYST FOR PRODUCING BIMODAL RESINS	CHEVRON PHILLIPS CHEMICAL COMPANY,LP.	31/08/2007	DELHI
44	267655	628/DEL/2004	31/03/2004	11/04/2003	A COMMUNICATION SYSTEM	MOTOROLA MOBILITY, INC.	16/06/2006	DELHI
45	267657	654/DEL/2008	14/03/2008 16:48:45		AN IMPROVED PROCESS FOR PREPARATION OF FUMONISIN B1	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	18/09/2009	DELHI
46	267658	2489/DELNP/2006	05/10/2004	07/10/2003	FUEL CELL VOLTAGE CONTROL.	UTC POWER CORPORATION	13/04/2007	DELHI
47	267659	207/DEL/2008	25/01/2008 11:41:04		A PROCESS FOR THE PREPARATION OF STABLE IODATE-EXCHANGED SYNTHETIC HYDROTALCITEWITH ZERO EFFLUENT DISCHARGE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	23/04/2010	DELHI
48	267661	3149/DELNP/2009	13/08/2007	22/11/2006	METHODS OF MAKING POLYMER BLEND COMPOSITIONS	SABIC INNOVATIVE PLASTICS IP B.V	17/07/2009	DELHI
49	267662	2583/DEL/2006	04/12/2006		A PROCESS FOR MAKING ANODE-SUPPORTED PLANAR SOLID OXIDE FUEL CELL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	01/08/2008	DELHI
50	267663	725/DEL/2005	31/03/2005		AN ELECTROPLATING BATH AND PROCESS FOR THE DEPOSITION OF HGIH TUNGSTEN NICKEL ALLOY ON CARBON STEEL SUBSTRATES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	12/01/2007	DELHI

51	267664	8014/DELNP/2006	10/08/2005	08/12/2004	METHOD FOR POLYUNSATURATED FATTY ACID PRODUCTION USING NOVEL CELL PRESERVATION TECHNIQUE	NIPPON SUISAN KAISHA, LTD.	27/04/2007	DELHI
52	267665	1830/DEL/2007	29/08/2007		AN IMPROVED PROCESS FOR THE PREPARATION OF 2H- HEPTAFLUOROPROPANE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION	03/04/2009	DELHI
53	267666	4814/DELNP/2008	05/12/2006	14/12/2005	METHOD FOR PRODUCING HYDROCARBONS	COGNIS IP MANAGEMENT GMBH	20/03/2009	DELHI
54	267667	1867/DEL/2008	06/08/2008 14:51:58	31/08/2007	WATER TREATED CATALYST TO PRODUCE LIGHT OLEFINS	UOP LLC	14/11/2008	DELHI
55	267668	1018/DELNP/2008	30/06/2006	23/07/2005	CLAW, IN PARTICULAR SHORTENING CLAW	RUD KETTEN RIEGER & DIETZ GMBH U. CO. KG	20/06/2008	DELHI
56	267669	347/DEL/2005	17/02/2005	09/04/2004	NOVEL DIPHENYL ETHER DERIVATIVES	BEXEL PHARMACEUTICALS, INC	05/01/2007	DELHI
57	267670	646/DEL/2004	31/03/2004		A PROCESS OF MANUFACTURING SINTERABLE BORON NITRIDE POWDER	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	02/06/2006	DELHI
58	267673	643/DEL/2006	10/03/2006		AN IMPROVED PROCESS FOR MAKING IRON TANNED LEATHER	Council of Scientific & Industrial Research	26/08/2011	DELHI
59	267674	5552/DELNP/2005	16/12/1999	23/12/1998	BLOOD POOL AGENTS FOR NUCLEAR MAGNETIC RESONANCE DIAGNOSTICS	BRACCO IMAGING S.P.A.	23/11/2007	DELHI
60	267680	735/DELNP/2006	25/08/2004	26/08/2003	RAILWAY CAR WITH LONGITUDINAL DISCHARGE OPENINGS	TRINITY INDUSTRIES, INC.	17/08/2007	DELHI
61	267682	6314/DELNP/2008	23/01/2007	23/01/2006	A METHOD OF FABRICATING FIBRES COMPOSED OF SILICON OR A SILICON-BASED MATERIAL AND THEIR USE IN LITHIUM RECHARGEABLE BATTERIES	NEXEON LTD	24/10/2008	DELHI
62	267684	2457/DEL/2007	26/11/2007 13:04:46		AN IMPROVED PROCESS FOR THE PRODUCTION OF 3,4,5,6,7,8-HEXAHYDRO-1- (ARYL METHYL) ISOQUINOLINES	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	19/06/2009	DELHI
63	267685	252/DELNP/2009	18/07/2007	19/07/2006	A METHOD FOR COOKING A FOOD PRODUCT •	FRITO-LAY TRADING COMPANY GMBH	31/07/2009	DELHI
64	267686	2162/DEL/2006	29/09/2006		AN APPARATUS FOR THE PREVENTION OF BIOFOULING	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	25/04/2008	DELHI

65	267687	111/DELNP/2010	18/07/2008	25/07/2007	METHOD FOR PRODUCING OF LIQUEFIED FUEL OIL USING BIOMASS AS FEEDSTOCK	TOYOTA JIDOSHA KABUSHIKI KAISHA	06/08/2010	DELHI
66	267688	9497/DELNP/2007	23/05/2006	10/06/2005	AQUEOUS PROCESS FOR MAKING FLUOROPOLYMERS	ARKEMA INC.	27/06/2008	DELHI
67	267689	2250/DELNP/2008	31/01/2007	01/02/2006	COMBINATIONS OF 4- BROMO-2-(4- CHLOROPHENYL)-5- (TRIFLUOROMETHYL)-1H- PYRROLE-3-CARBONITRILE AND METAL COMPOUNDS	JANSSEN PHARMACEUTICA N.V.,	08/08/2008	DELHI
68	267694	962/DEL/2006	07/04/2006		A T-SHAPED AND H-SHAPED RF WAVEGUIDE FOR CONTROLLING POWER DIVISION RATIO AND PHASE ANGLE OF MICROWAVE RADIATION FLOWING THROUGH	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	12/10/2007	DELHI
69	267695	703/DEL/2007	30/03/2007		A PROCESS FOR PREPARATION OF STEARIC ACID RICH SOLID FAT FROM RICE BRAN OIL	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	09/01/2009	DELHI
70	267696	287/DEL/2007	13/03/2007		COMPACT AIR-COOLED TRANSMIT RECEIVE MULTI-MODULE FOR AIR- BORNE APPLICATION	DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION	26/09/2008	DELHI
71	267697	1091/DELNP/2008	15/07/2006	28/07/2005	SYNERGISTIC FUNGICIDAL ACTIVE COMPOUND COMBINATIONS	BAYER CROPSCIENCE AKTIENGESELLSCHAF T,	04/07/2008	DELHI
72	267698	8616/DELNP/2009	10/06/2008	11/06/2007	PROCESS FOR PRODUCING BRANCHED HYDROCARBONS	NESTE OIL OYJ	26/08/2011	DELHI
73	267699	2521/DELNP/2008	29/09/2006	29/09/2005	T CELL ADHESION MOLECULE AND ANTIBODY THERETO	EISAI R&D MANAGEMENT CO., LTD	25/07/2008	DELHI
74	267705	1906/DELNP/2008	25/08/2006	23/09/2005	APPARATUS FOR CLASSIFYING CHARGE MATERIAL	POLYSIUS AG.	27/06/2008	DELHI
75	267707	2596/DELNP/2009	09/10/2007	09/11/2006	CO-PRODUCTION OF NORMAL BUTANOL AND ISOBUTYL ALDEHYDE •	MITSUBISHI CHEMICAL CORPORATION	15/05/2009	DELHI
76	267709	5178/DELNP/2006	23/03/2005	09/04/2004	A SYSTEM FOR CONVERTING INPUT IMAGE DATA IN A FIRST COLOUR SPACE TO OUTPUT IMAGE DATA IN A SECOND COLOUR SPACE	CLAIRVOYANTE, INC.	13/04/2007	DELHI
77	267710	5963/DELNP/2010	03/03/2009	03/03/2008	PROCESS FOR PREPARING BENZOTHIAZEPINES FROM GAMMA- AMINOALKYLBENZENES	ARMGO PHARMA, INC.,LES LABORATOIRES SERVIER	25/03/2011	DELHI

78	267711	4776/DELNP/2008	20/12/2006	21/12/2005	CLEANING AND/OR POLISHING COMPOSITIONS AND METHODS FOR USE THEREOF	COLGATE-PALMOLIVE COMPANY	15/08/2008	DELHI
79	267714	4129/DELNP/2004	22/05/2003	30/05/2002	A METHOD AND DEVICE FOR PRESSURE PULSE GENERATION	CARGINE ENGINEERING AB	04/12/2009	DELHI
80	267716	708/DELNP/2008	27/07/2006	27/07/2005	HIGH VISCOSITY SYNTHETIC ESTER LUBRICANT BASE STOCK BLENDS	THE LUBRIZOL CORPORATION	11/07/2008	DELHI
81	267718	5645/DELNP/2006	22/03/2005	26/03/2004	A METHOD FOR HEATING AND HUMIDIFYING A GAS	VAPOTHERM, INC.	13/07/2007	DELHI
82	267720	1261/DEL/2006	24/05/2006 16:09:02		REAGENT SYSTEM FOR SIMULTANEOUS ENZYME IMMUNOASSAY	NATIONAL INSTITUTE OF HEALTH AND FAMILY WELFARE	30/11/2007	DELHI
83	267722	1096/DELNP/2009	10/10/2007	13/10/2006	IMPACT RESISTANT, FLAME RETARDANT THERMOPLASTIC MOLDING COMPOSITION	BAYER MATERIALSCIENCE LLC	22/05/2009	DELHI
84	267723	3664/DELNP/2009	18/12/2007	29/01/2007	METHOD FOR THE HEAT TREATMENTOF EXTENDD STEEL PRODUCTS	AGA AB	19/03/2010	DELHI
85	267730	5193/DELNP/2006	21/02/2005	09/03/2004	MASSAGING AND CUSHIONING SHOE INSOLE.	CHEE AH MEE	03/08/2007	DELHI
86	267732	2316/DELNP/2009	30/10/2007	30/10/2006	A METHOD FOR MANUFACTURING AN ELECTRODE MATERIAL C- AMXO4	CLARIANT (CANADA) INC.,UNIVERSITE DE MONTREAL	20/08/2010	DELHI
87	267739	3591/DELNP/2010	23/10/2008	29/10/2007	WATER TREATMENT METHOD, WATER TREATMENT APPARATUS, METHOD FOR RECOVERING PURIFIED WATER, AND PURIFIED WATER RECOVERING APPARATUS	KOBELCO ECO- SOLUTIONS CO. LTD.	06/09/2013	DELHI
88	267743	7048/DELNP/2007	09/03/2006	10/03/2005	SUGAR-COATED AGENT	TAISHO PHARMACEUTICAL CO., LTD.	05/10/2007	DELHI
89	267748	6979/DELNP/2008	18/01/2007	19/01/2006	CAMSHAFT SUPPORT STRUCTURE FOR AN INTERNAL COMBUSTION ENGINE	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/09/2008	DELHI
90	267757	6430/DELNP/2008	26/12/2006	26/12/2005	METHOD FOR MANUFACTURING MOLTEN IRONS AND APPARATUS FOR MANUFACTURING MOLTEN IRONS •	POSCO,SIEMENS VAI METALS TECHNOLOGIES GMBH & CO.	20/03/2009	DELHI
91	267758	1335/DELNP/2011	24/08/2009	25/08/2008	SURFACE TREATING AGENT FOR COPPER OR COPPER ALLOY AND USE THEREOF	SHIKOKU CHEMICALS CORPORATION	09/12/2011	DELHI
92	267760	4250/DELNP/2009	21/12/2007	27/12/2006	COMB (BLOCK) COPOLYMERS	BYK-CHEMIE GMBH	19/03/2010	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)	Appropriat e Office
1	267624	219/MUMNP/2010	01/08/2008	02/08/2007	PROCESS FOR THE PREPARATION OF ALFUZOSIN HYDROCHLORIDE	CIPLA LIMITED	02/07/2010	MUMBAI
2	267625	1090/MUMNP/2008	28/11/2006	02/12/2005	MEDICATION DELIVERY APPARATUS	OWEN MUMFORD LIMITED	11/07/2008	MUMBAI
3	267634	1530/MUMNP/2011	29/01/2010	29/01/2009	A COMPOSITION FOR CHEMICAL SOIL IMPROVEMENT	MIDWEST INDUSTRIAL SUPPLY, INC.	13/01/2012	MUMBAI
4	267635	857/MUM/2007	04/05/2007		A PROCESS FOR SYNTHESIS OF MAGNETITE AND/OR MAGHEMITE NANOTUBES/NANORODS	BHAGWAT SHRIKANT VINAYAK,ATHAW ALE ANJALI ANAND,SINGH HEMA	13/02/2009	MUMBAI
5	267672	1869/MUM/2006	10/11/2006 16:04:30	25/11/2005	PROCESS AND PLANT FOR PRODUCING METAL OXIDE FROM METAL COMPOUNDS	OUTOKUMPU TECHNOLOGY OYJ	25/07/2008	MUMBAI
6	267676	1035/MUMNP/2008	18/10/2006	19/10/2005	A PROCESS OF RECRYSTALLIZATION OF LIQUINIMOD SODIUM	TEVA PHARMACEUTICAL INDUSTRIES, LTD.	31/10/2008	MUMBAI
7	267738	1630/MUMNP/2009	17/03/2008	22/03/2007	WAVEFORM FETCH UNIT FOR PROCESSING AUDIO FILES •	QUALCOMM INCORPORATED	30/04/2010	MUMBAI
8	267752	185/MUMNP/2007	13/07/2005	13/07/2004	UNIVERSAL SHORT CODE ADMINISTRATION FACILITY	SYBASE 365, INC.	20/07/2007	MUMBAI

#### Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	267593	4267/CHENP/2008	08/02/2007	16/02/2006	PROCESS FOR PRODUCING CATIONICALLY STABILIZED AND WATER- REDISPERSIBLE POLYMER POWDER COMPOSITIONS	WACKER POLYMER SYSTEMS GMBH & CO. GK	13/03/2009	CHENNAI
2	267595	987/CHENP/2007	08/08/2005	09/08/2004	ROTARY FAN PRESS	PRIME SOLUTION, INC.	24/08/2007	CHENNAI
3	267597	1138/CHENP/2008	06/09/2006	07/09/2005	LUBRICATING OIL FOR COMPRESSION REFRIGERATOR AND PROCESS THEREOF	IDEMITSU KOSAN CO., LTD.	12/09/2008	CHENNAI
4	267599	7178/CHENP/2008	25/05/2007	26/05/2006	FUEL COMPONENTS, FUEL COMPOSITIONS AND METHODS OF MAKING AND USING SAME	AMYRIS INC.	27/03/2009	CHENNAI
5	267600	1036/CHENP/2008	09/08/2006	01/09/2005	PROCESS FOR PREPARING VINYL CHLORIDE-VINYL ACETATE COPOLYMERS IN THE FORM OF THEIR SOLID RESINS	WACKER CHEMIE AG	12/09/2008	CHENNAI
6	267602	4301/CHENP/2007	01/03/2006	01/03/2005	METHOD FOR THE ELIMINATION OF METHACRYLIC ACID FROM A LIQUID PHASE CONTAINING ACRYLIC ACID AS A MAIN COMPONENT AND TARGET PRODUCT AND METHACRYLIC ACID AS A SECONDARY COMPONENT	BASF AKTIENGESELLSCHAFT	21/12/2007	CHENNAI
7	267607	4893/CHENP/2009	06/11/2007	22/02/2007	POROUS IMPLANT GRAIN OR GRANULE	TIGRAN TECHNOLOGIES AB (publ)	30/10/2009	CHENNAI
8	267608	4506/CHENP/2009	20/02/2008	20/02/2007	CATALYTIC DEAMINATION FOR CAPROLACTAM PRODUCTION	BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY	16/10/2009	CHENNAI
9	267610	3077/CHENP/2007	13/12/2005	13/12/2004	MINIATURE AEROSOL JET AND AEROSOL JET ARRAY	OPTOMEC DESIGN COMPANY	07/09/2007	CHENNAI
10	267612	3211/CHENP/2006	03/02/2005	03/02/2004	A DIFFERENTIAL PRESSURE REGULATING DEVICE	V-WAVE LTD	06/07/2007	CHENNAI

11	267614	2868/CHENP/2007	06/12/2005	28/12/2004	PRISMATIC RETROREFLECTIVE	3M INNOVATIVE PROPERTIES	07/09/2007	CHENNAI
12	267628	820/CHE/2006	09/05/2006	09/05/2005	ARTICLE AND METHOD  A FUEL CELL SYSTEM AND THE METHOD OF OPERATING FUEL CELL SYSTEM	BLOOM ENERGY CORPORATION	08/06/2007	CHENNAI
13	267636	3165/CHE/2008	17/12/2008		A DEVICE TO ATTRACT AND DESTROY MOSQUITOS	S. ALPHONSE	06/02/2009	CHENNAI
14	267637	5427/CHENP/2008	08/03/2007	11/04/2006	PROCESS AND APPARATUS FOR REDUCING NITROGEN OXIDES AND HALOGENATED ORGANIC COMPOUNDS IN INCINERATION PLANTS"	KARLSRUHE INSTITUTE OF TECHNOLOGY	20/03/2009	CHENNAI
15	267641	1652/CHENP/2007	03/11/2005	05/11/2004	PROCESS FOR PREPARING {3-[2(R)-[(1R)-1-[3,5-BIS(TRIFLUOROMETHYL)) PHENYL1] ETHOXY]-3(S)-(4FLUOROPHENYL) MORPHOLIN-4-YL] METHYL]-5-OXO-4,5-DIHYDRO-[1,2,4]-TRIAZOL-1-YL} PHOSPHONIC ACID	MERCK SHARP & DOHME CORP.	31/08/2007	CHENNAI
16	267653	2264/CHENP/2008	08/11/2005	08/11/2005	TRANSMISSION WITH PULLEYS AND A DRIVE BELT	ROBERT BOSCH GMBH	06/03/2009	CHENNAI
17	267654	1358/CHENP/2008	19/09/2006	20/09/2005	A METHOD AND APPARATUS FOR AUTOMATICALLY ALIGNING ARRAYS OF PRINTING ELEMENTS	AGFA GRAPHICS NV	28/11/2008	CHENNAI
18	267656	2813/CHENP/2009	28/11/2007	01/12/2006	AZACYCLOALKANE COMPOUNDS AS INHIBITORS OF STEAROYL-COENZYME A DELTA-9 DESATURASE	MERCK CANADA INC	21/08/2009	CHENNAI
19	267677	780/CHENP/2008	10/08/2006	18/08/2005	LAMINATED FILM AND MOLDED BODY	TORAY INDUSTRIES INC.	28/11/2008	CHENNAI
20	267678	5048/CHENP/2007	04/05/2006	09/05/2005	DIGITAL PRINTING PRESS WITH AUTOMATED MEDIA TRANSPORT	AGFA GRAPHICS NV	30/05/2008	CHENNAI
21	267679	242/CHENP/2007	06/07/2005	14/07/2004	PIGMENTED INK-JET INKS WITH IMPROVED PRINT QUALITY AND RELIABILITY	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	24/08/2007	CHENNAI
22	267681	761/CHE/2005	20/06/2005		A SYSTEM AND METHOD OF BANK TRANSACTION THROUGH MFP BY INTEGRATING WITH ATM	SAMSUNG R& D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	27/07/2007	CHENNAI
23	267683	1675/CHENP/2007	23/09/2005	23/09/2004	REINFORCING DEVICE FOR SLOT CARD READER	SAGEM DEFENSE SECURITE	31/08/2007	CHENNAI

24	267691	816/CHENP/2008	21/08/2006	19/08/2005	A NANOPARTICLE SUITABLE FOR DELIVERY OF A BIOMOLECULE	GENOVIS AB	28/11/2008	CHENNAI
25	267693	5247/CHENP/2007	29/04/2006	15/06/2005	ENERGY ACCUMULATOR	MASCHINENFABRIK REINHAUSEN GMBH	25/01/2008	CHENNAI
26	267700	4535/CHENP/2006	06/06/2005	11/06/2004	FREEZE DRYER	I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.p.A.	29/06/2007	CHENNAI
27	267701	1706/CHE/2009	17/07/2009 16:15:08		AN APPARATUS AND A METHOD FOR VENTING FLUIDS AND GASES	INDIAN SPACE RESEARCH ORGANISATION	21/01/2011	CHENNAI
28	267702	1245/CHENP/2009	11/09/2007	29/09/2006	METHOD AND SYSTEM FOR DISPLAYING NETWORK VIDEO	TENCENT TECHNOLOGY (SHEZHEN) COMPANY LIMITED	21/08/2009	CHENNAI
29	267703	1587/CHENP/2008	29/08/2006	31/08/2005	A MINERAL INSULATING OIL AND A PROCESS FOR ITS PREPARATION THEREOF	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	28/11/2008	CHENNAI
30	267704	4998/CHENP/2008	09/01/2007	12/03/2006	JET-WEAVING MACHINE	TEXTILMA AG	13/03/2009	CHENNAI
31	267706	3811/CHENP/2008	18/12/2006	22/12/2005	METHOD FOR PRODUCING PLANAR METALLISED TEXTILE STRUCTURES AND PLANAR METALLISED TEXTILE STRUCTURE	BASF SE	13/03/2009	CHENNAI
32	267708	217/CHE/2008	28/01/2008		COMPOSITION FOR ESTRUS INDUCTION BY DIETARY SYNCHRONIZATION IN DAIRY CATTLE	DR. HANAMAPURE BASAGONDA BHAGAVANTA	24/02/2012	CHENNAI
33	267712	1050/CHE/2008	29/04/2008		HERBAL COMPOSITION EFFECTIVE AGAINST RHABDOVIRUS AND PROCESS OF PREPARATION THEREOF	C.M SIVARAMAN	23/05/2008	CHENNAI
34	267713	310/CHE/2008	06/02/2008		A PROCESS FOR PRODUCTION OF RECOMBINANT PROTEIN	BIOCON LIMITED	11/09/2009	CHENNAI
35	267717	603/CHENP/2008	04/08/2006	05/08/2005	COMPOSITIONS EXHIBITING IMPROVED FLOWABILITY	3M INNOVATIVE PROPERTIES COMPANY	28/11/2008	CHENNAI
36	267719	5553/CHENP/2008	15/02/2007	17/03/2006	ADDITIVE COMPRISING AZOMETHINE COMPOUNDS	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	20/03/2009	CHENNAI
37	267721	482/CHENP/2009	19/03/2007	27/07/2006	PHARMACEUTICAL FORM WITH MULTILAYER SEPARATING LAYER	EVONIK ROHM GMBH	05/06/2009	CHENNAI
38	267724	317/CHENP/2008	19/07/2006	21/07/2005	DIIMINE METAL COMPLEXES, METHODS OF SYNTHESIS AND METHODS OF USING IN OLIGOMERIZATION AND POLYMERIZATION	CHEVRON PHILLIPS CHEMICAL COMPANY LP	19/09/2008	CHENNAI

					NON A QUEQUIDICMENT			
39	267725	2656/CHENP/2008	28/11/2006	13/12/2005	NON-AQUEOU PIGMENT DISPERSIONS CONTAINING SPECIFIC DISPERSION SYNERGISTS	AGFA GRAPHICS NV	06/03/2009	CHENNAI
40	267726	3147/CHE/2008	15/12/2008	08/04/2008	ELECTRONIC PART	MITSUBISHI ELECTRIC CORPORATION	16/10/2009	CHENNAI
41	267728	5798/CHENP/2008	29/03/2007	29/03/2006	A BEHAVIORAL TARGETING SYSTEM	YAHOO INC.	27/03/2009	CHENNAI
42	267729	2329/CHENP/2009	10/09/2007	06/10/2006	A DEVELOPING ROLLER HAVING AN ELASTIC LAYER	CANON KABUSHIKI KAISHA	02/04/2010	CHENNAI
43	267731	964/CHE/2007	07/05/2007		METHOD FOR REMOVABLE ELEMENT AUTHENTICATION IN AN EMBEDDED SYSTEM	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
44	267740	5423/CHENP/2008	06/03/2007	10/03/2006	METHOD FOR PRODUCING UNSATURATED ALDEHYDE AND UNSATURATED CARBOXYLIC ACID	MITSUBISHI RAYON CO., LTD,	20/03/2009	CHENNAI
45	267741	2775/CHENP/2008	26/10/2006	03/11/2005	METHOD FOR CARRYING OUT IN A STABLE MANNER A PROCESS FOR CONTINUALLY PRODUCING ACROLEIN OR ACRYLIC ACID OR THE MIXTURE THEREOF FROM PROPANE	BASF SE	06/03/2009	CHENNAI
46	267742	6467/CHENP/2008	30/10/2006	31/10/2005	WIRELESS RECEIVER	HUAWEI TECHNOLOGIES CO., LTD.	27/03/2009	CHENNAI
47	267744	5758/CHENP/2008	23/03/2007	24/03/2006	A PROCESS FOR INHIBITING POLYMERIZATION OF AN AROMATIC VINYL COMPOUND	HAKUTO CO., LTD.	27/03/2009	CHENNAI
48	267745	1748/CHE/2006	25/09/2006		METHOD OF MANAGING SHUTDOWN OPERATIONS IN A MULTI-FUNCTIONAL PERIPHERAL IN AN EVENT OF POWER FAILURE	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	28/11/2008	CHENNAI
49	267746	1092/CHE/2006	27/06/2006	28/06/2005	PROCESS FOR PREPARING A GAS OIL BY OLIGOMERIZATION	INSTITUT FRANCAIS DU PETROLE	22/06/2007	CHENNAI
50	267747	1702/CHE/2005	22/11/2005		A METHOD FOR ALERTING WIRELESS TERMINALS ALONG THE PATH OF AN EMERGENCY VEHICLE	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	14/09/2007	CHENNAI
51	267749	855/CHE/2004	25/08/2004		A NUMERICAL CONTROL RELEASE UNIT FOR MCCB CIRCUIT BREAKERS	LARSEN & TOUBRO LIMITED	22/06/2007	CHENNAI

52	267755	2586/CHENP/2008	25/10/2006	26/10/2005	A BULK CATALYST COMPRISING METAL OXIDIC PARTICLES AND A PROCESS FOR THE MANUFACTURE THEREOF	ALBEMARLE NETHERLANDS B.V	06/03/2009	CHENNAI
53	267756	1791/CHE/2009	29/07/2009 14:36:09	31/07/2008	STEERING SYSTEM FOR MOTORCYCLE	HONDA MOTOR CO.,LTD.	21/05/2010	CHENNAI
54	267759	136/CHE/2009	21/01/2009 17:55:34		A METHOD FOR DETERMINATION OF SIROLIMUS STABILITY AND PROCESS FOR PREPARING ITS STABLE FORM	BIOCON LIMITED	30/07/2010	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 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	267609	1703/KOL/2008	01/10/2008	06/11/2007	A TEN SPEEED TRANSMISSION WITH FOUR PLANETARY GEAR SETS AND SIX TORQUE TRANSMITTING DEVICES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
2	267622	1357/KOL/2006	13/12/2006		AN ELECTRONIC SYSTEM FOR MEASURING SURFACE BRIGHTNESS OF THIN SHEET/STRIP OF METAL/NON-METAL	STEEL AUTHORITY OF INDIA LIMITED	11/07/2008	KOLKATA
3	267631	1289/KOLNP/20 09	11/09/2007	13/10/2006	SURFACE-MODIFIED SILICAS	EVONIK DEGUSSA GMBH	29/05/2009	KOLKATA
4	267633	1344/KOLNP/20 09	11/10/2007	11/10/2006	LIQUID RESIN	SAINT-GOBAIN ISOVER	29/05/2009	KOLKATA
5	267652	4893/KOLNP/20 08	17/04/2007	03/05/2006	BENZIMIDAZOLE MODULATORS OF VR1	JANSSEN PHARMACEUTICA, N.V.	20/03/2009	KOLKATA
6	267660	494/KOLNP/200 6	28/07/2004	08/08/2003	MYELOMA CELL CULTURE IN TRANSFERRIN-FREE LOW IRON MEDIUM	CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED	16/03/2007	KOLKATA
7	267671	986/KOL/2006	27/09/2006	21/11/2005	MULTIPLEXED CONTROL SYSTEM AND METHOD FOR AN ELECTRICALLY VARIABLE HYBRID TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATION INC	29/06/2007	KOLKATA
8	267675	3293/KOLNP/20 07	25/03/2006	07/04/2005	DEVICE FOR SUPPLYING POWER TO MEASURING SENSORS AND TRANSMITTING A SYNCHRONOUS CLOCK SIGNAL THERETO	ABB PATENT GMBH	31/10/2008	KOLKATA
9	267690	575/KOLNP/201 0	24/09/2008	27/09/2007	WATER TREATMENT APPARATUS AND WATER TREATMENT METHOD	KOBELCO ECO- SOLUTIONS CO., LTD.	21/05/2010	KOLKATA
10	267692	686/KOLNP/200 9	20/09/2007	21/09/2006	MULTI-DOSE SELF PRESERVED OPTHALMIC COMPOSITION	ALCON RESEARCH, LTD.	15/05/2009	KOLKATA
11	267715	4730/KOLNP/20 07	29/06/2006	30/06/2005	ANTI-MALARIA VACCINE	GLAXOSMITHKLINE BIOLOGICALS S.A.	28/03/2008	KOLKATA

12	267727	210/KOL/2007	09/02/2007		LOAD PRIORITY SYSTEM FOR SOLAR APPLICATIONS	BHARAT HEAVY ELECTRICALS LIMITED,	22/08/2008	KOLKATA
13	267733	3968/KOLNP/20 08	26/04/2006	26/04/2006	METHOD FOR MELT IMMERSION COATING OF A FLAT STEEL PRODUCT MADE OF HIGHER STRENGTH STEEL	THYSSENKRUPP STEEL AG	27/02/2009	KOLKATA
14	267734	931/KOL/2005	07/10/2005	14/10/2004	ROTARY-TYPE CAPPING MACHINE	KHS GMBH	13/07/2007	KOLKATA
15	267735	1256/KOLNP/20 10	14/11/2007	14/11/2007	TRIETHYLAMINE FUNCTIONALIZED ELASTOMER AND PROCESS OF PREPARING THE SAME	EXXONMOBIL CHEMICAL PATENTS, INC.,SOCIETE DE TECHNOLOGIE MICHELIN,MICHELIN RECHERCHE ET TECHNIQUE S.A.	30/07/2010	KOLKATA
16	267736	367/KOLNP/201 0	18/09/2008	19/03/2008	INK SET, INK CARTRIDGE, INKJET RECORDING METHOD, AND INKJET RECORDING APPARATUS	RICOH COMPANY, LTD.	21/05/2010	KOLKATA
17	267737	540/KOL/2006	05/06/2006		A MICRO MANOMETER SYSTEM FOR MEASUREMENT OF ULTRA LOW GAUGE/DIFFERENTIAL PRESSURE	STEEL AUTHORITY OF INDIA LIMITED	21/12/2007	KOLKATA
18	267750	720/KOLNP/200 9	14/08/2007	31/08/2006	PHOSPHINE COMPOUNDS	EVONIK DEGUSSA GMBH	15/05/2009	KOLKATA
19	267751	4513/KOLNP/20 08	27/04/2007	28/04/2006	METHOD FOR STABILIZATION OF REDUCED COENZYME Q10	KANEKA CORPORATION	13/03/2009	KOLKATA
20	267753	176/KOLNP/200 7	31/03/2005	14/06/2004	METHODS OF OPTIMIZING OPERATING EFFICIENCY OF FUEL CELLS	BLOOM ENERGY CORPORATION	29/06/2007	KOLKATA
21	267754	1110/KOL/2008	25/06/2008	27/07/2007	A STIR WELDED ROTOR FOR INDUCTION MOTOR	GM GLOBAL TECHNOLOGY OPERATIONS ,INC,MOTOR LIQUIDATION COMPANY	24/04/2009	KOLKATA

#### **CONTINUED TO PART- 2**

#### CONTINUED FROM PART- 1

## **INTRODUCTION**

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

#### THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of KONINKLIJKE PHILIPS ELECTRONICS N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
231772, 231252, 231230, 231251, 232537, 231250, 231253, 232538	231772-( 1403) 231252-(14-99) 231230-(14-01) 231251-(16-01) 232537-(03-01) 231250-(14-01) 232538-(14-01) 231253-(13-02)	WOOX INNOVATIONS BELGIUM NV, A PRIVATE COMPANY WITH LIMITED LIABILITY INCORPORATED UNDER THE LAWS OF BELGIUM WITH ITS CORPORATE SEAT IN ANDERLECHT, BELGIUM AND REGISTERED ADDRESS AT TWEESTATIONSSTRAAT 80, B-1070 ANDERLECHT, BELGIUM

The Design stands in the name of KONINKLIJKE PHILIPS N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
260654	14-01	WOOX INNOVATIONS BELGIUM NV, A PRIVATE COMPANY WITH LIMITED LIABILITY INCORPORATED UNDER THE LAWS OF BELGIUM WITH ITS CORPORATE SEAT IN ANDERLECHT, BELGIUM AND REGISTERED ADDRESS AT TWEESTATIONSSTRAAT 80, B-1070 ANDERLECHT, BELGIUM

The Design stands in the name of KONINKLIJKE PHILIPS ELECTRONICS N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
251850 251870	14-01	WOOX INNOVATIONS BELGIUM NV, A PRIVATE COMPANY WITH LIMITED LIABILITY INCORPORATED UNDER THE LAWS OF BELGIUM WITH ITS CORPORATE SEAT IN ANDERLECHT, BELGIUM AND REGISTERED ADDRESS AT
		TWEESTATIONSSTRAAT 80, B-1070 ANDERLECHT, BELGIUM

## **COPYRIGHT PUBLICATION**

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	198769	29.06.2015
2.	198775	29.06.2015
3.	198776	29.06.2015
4.	199710	23.06.2015
5.	200333	29.06.2015
6.	201550	23.06.2015
7.	201746	23.06.2015
8.	201784	23.06.2015
9.	201793	19.06.2015
10.	202191	23.06.2015
11.	202192	22.06.2015
12.	202199	23.06.2015
13.	202200	22.06.2015
14.	202382	22.06.2015
15.	202437	23.06.2015

#### **REGISTRATION OF DESIGNS**

OHIM

267905

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	266029		
CLASS	06-01		
1)MAN TRUCK & BUS AG, A GE DACHAUER STRASSE 667, 8099			
DATE OF REGISTRATION	25/09/2014		
TITLE	HEAD-REST	OF A VEHICLE SEAT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	

27/03/2014



DESIGN NUMBER	266483
CLASS	15-02

1)PATEL RAHUL AMRUTBHAI, PATEL AMRUTBHAI SOMABHAI, PATEL KANTABEN AMRUTBHAI, PATEL KINJALBEN RAHULBHAI ALL PARTNERS OF M/S. LAXMI TUBEWELL & PUMP INDUSTRIES, AN INDIAN PARTNERSHIP FIRM HAVING ADDRESS AT

28, GIDC, B/H. RAJKAMAL PETROL PUMP, HIGHWAY ROAD, MEHSANA, GUJARAT, INDIA

DATE OF REGISTRATION	08/10/2014
TITLE	MUD PUMP



### PRIORITY NA

**DESIGN NUMBER** 

002434571

CLASS	06-01	
1)NATIONAL INSTITUTE OF DES PALDI, AHMEDABAD-380007, G	SIGN LOCATED AT UJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	04/12/2014	
TITLE	CHAIR	



DESIGN NUMBER	267542
CLASS	23-04
1)HAVELLS INDIA LIN OFFICE AT	MITED HAVING REGISTERED

1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054

DATE OF REGISTRATION	21/11/2014
TITLE	CEILING FAN



#### PRIORITY NA

DESIGN NUMBER	267698	
CLASS	24-02	
1)HEMOCUE AB, A SWEDISH COMPANY, OF BOX 1204, 262 23 ÄNGELHOLM, SWEDEN		
DATE OF REGISTRATION	26/11/2014	
TITLE	SAMPLING DEVICE FOR BLOOD ANALYSIS	

#### **PRIORITY**

н			
	PRIORITY NUMBER	DATE	COUNTRY
	29/495,159	27/06/2014	U.S.A.



DESIGN NUMBER	267278
CLASS	09-08

#### 1)SIDDHI IYER, HAVING ADDRESS AT

PLOT NO. 20, SAI KUTIR, SECTOR 11, ROAD NO. 12, NEW PANVEL, MAHARASHTRA-410206, INDIA

DATE OF REGISTRATION	10/11/2014	
TITLE	PAPER PALLET	



	1				
DESIGN NUMBER		267450			
CLASS		14-02			
1)NOKIA CORPORATION THE LAWS OF FINLAND KARAPORTTI 3, 02610	, OF THE	ADDRESS	ED AND	EXISTING UNDER	
DATE OF REGISTRATIO	N		17/11/20	14	
TITLE		TABL	ET COM	PUTER	
PRIORITY	•				
PRIORITY NUMBER		DATE	C	OUNTRY	
002571604-0001		05/11/2014	О	HIM	
DESIGN NUMBER	-	269687			1
CLASS		23-04			
REGISTRATION		-PAITHAN ROAD,	105,		
DESIGN NUMBER		262123			
CLASS		27-99			
LAWS OF THE SATE OF	C., A CORPORATION EXISTING UNDER THE kK, USA OF HMOND, VIRGINIA 23230, USA				
DATE OF REGISTRATIO	DATE OF REGISTRATION		29/04/2014		
TITLE		ELECTRONIC SMOKING DEVICE		XING DEVICE	
PRIORITY					B
PRIORITY NUMBER		DATE	C	OUNTRY	
29/471,454		31/10/2013 U.S.A.		.S.A.	

DESIGN NUMBER	270517
CLASS	12-11

## 1)HERO CYCLES LIMITED, HERO NAGAR, G. T. ROAD, LUDHIANA-141003 (PUNJAB), INDIA,

(AN INDIAN COMPANY DULY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT, 1956)

DATE OF REGISTRATION	23/03/2015
TITLE	BICYCLE



#### PRIORITY NA

DESIGN NUMBER	264256	
CLASS	14-03	

#### 1)LG ELECTRONICS INC.

DATE OF REGISTRATION

128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	25/07/2014	
TITLE	MOBILE PHONE	



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0017227	07/04/2014	REPUBLIC OF KOREA

DESIGN NUMBER	269924
CLASS	23-01

## 1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

TITLE	WATER PURIFICATION DEVICE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002528794-0001	01/09/2014	OHIM	



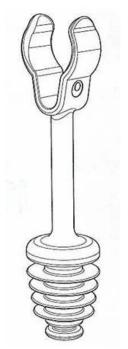
27/02/2015

DESIGN NUMBER	267096
CLASS	26-05

#### 1)SUNDAYA NORDIC AB,

FLÖJELBERGSGATAN 12, SE-431 37 MÖLNDAL, SWEDEN, NATIONALITY: SWEDEN

DATE OF REGISTRATION	29/10/2014
TITLE	LAMP STAND



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002456285-0002	30/04/2014	OHIM

DESIGN NUMBER	269689
CLASS	23-04

## 1)VIDEOCON INDUSTRIES LIMITED. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

14 KMS. STONE, AURANGABAD-PAITHAN ROAD, CHITEGAON, TQ.PAITHAN, DIST. AURANGABAD-431105, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	19/02/2015
TITLE	AIR CONDITIONER



#### PRIORITY NA

DESIGN NUMBER	270519
CLASS	12-11

## 1)HERO CYCLES LIMITED, HERO NAGAR, G. T. ROAD, LUDHIANA-141003 (PUNJAB), INDIA,

(AN INDIAN COMPANY DULY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT, 1956)

DATE OF REGISTRATION	23/03/2015
TITLE	BICYCLE



DESIGN NUMBER	200325
CLASS	11-01

#### 1)MRS. PUNITA TRRIKHA

OF S-69, GREATER KAILASH I, NEW DELHI 110048, INDIA, AN INDIAN NATIONAL.

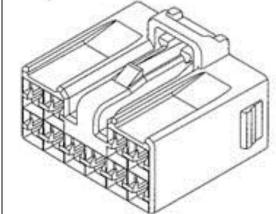
DATE OF REGISTRATION	11/07/2005
TITLE	EARRING SET



#### PRIORITY NA

DESIGN NUMBER	270093
CLASS	13-03
1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF 4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-0073, JAPAN	
DATE OF DECISTRATION	03/03/2015

DATE OF REGISTRATION	03/03/2015
TITLE	ELECTRICAL CONNECTOR HOUSING



#### **PRIORITY**

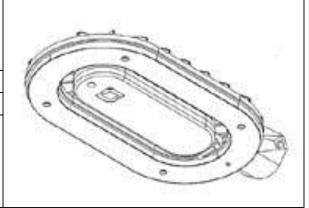
PRIORITY NUMBER	DATE	COUNTRY
2014-019404	03/09/2014	JAPAN

DESIGN NUMBER	268546
CLASS	26-03

## 1)LIGHTING TECHNOLOGIES INDIA PRIVATE LIMITED, A COMPANY REGISTERED UNDER COMPANIES ACT 1956, HAVING IT'S REGISTERED ADDRESS AT

M C JUNCTION, NO. 201, 3RD MAIN, KASTURI NAGAR, BANGALORE-560043, KARNATAKA, INDIA; NATIONALITY: INDIAN

DATE OF REGISTRATION	31/12/2014
TITLE	STREET LIGHTING FIXTURE

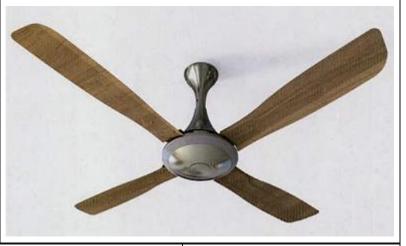


DESIGN NUMBER	267541
CLASS	23-04

#### 1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT

1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054

DATE OF REGISTRATION	21/11/2014
TITLE	CEILING FAN



#### PRIORITY NA

DESIGN NUMBER	267366
CLASS	14-03

#### 1)LG ELECTRONICS INC. 128 YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA

A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

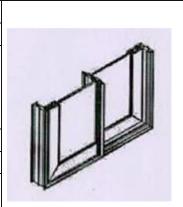
DATE OF REGISTRATION		13/11/2014	
TITLE	TLE		TELEVISION
PRIORITY			
PRIORITY NUMBER	DA	TE	COUNTRY
30-2014-0023893	14/0	05/2014	REPUBLIC OF KOREA

DESIGN NUMBER	261427
CLASS	08-09

1)GEETA ALUMINIUM COMPANY PVT. LTD., D/4, ANSA INDUSTRIAL ESTATE, SAKI VIHAR ROAD, SAKI NAKA, ANDHERI (E), MUMBAI-400072, STATE OF MAHARASHTRA INDIA,/

A PRIVATE LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT., ABOVE ADDRESS

DATE OF REGISTRATION	01/04/2014
TITLE	SLIDING WINDOW FITTING
PRIORITY NA	



DESIGN NUMBER	269686
CLASS	23-01
1)DANFOSS A/S, A DANISH COMPANY, OF NORDBORGVEJ 81, DK-6430 NORDBORG, DENMARK	

DATE OF REGISTRATION	19/02/2015
TITLE	VALVE HOUSING

PRIORITY

**CLASS** 

PRIORITY NUMBER	DATE	COUNTRY
002537878-0003	15/09/2014	OHIM

12-11

PRIORITY NUMBER	DATE	CC	DUNTRY
002537878-0003	15/09/2	014 OF	HIM
DESIGN NUMBER	2705	516	

#### 1)HERO CYCLES LIMITED, HERO NAGAR, G. T. ROAD, LUDHIANA-141003 (PUNJAB), INDIA,

(AN INDIAN COMPANY DULY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT, 1956)

DATE OF REGISTRATION	23/03/2015
TITLE	BICYCLE

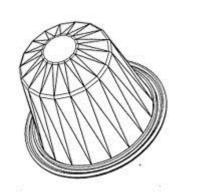


#### PRIORITY NA

DESIGN NUMBER	264163
CLASS	09-05
1)LANDMAX LTD, RESIDING AT	

SUITE 3105/31F OFFICE TOWER, CONVENTION PLAZA 1, HARBOUR ROAD, WAN CHAI, HONG KONG

DATE OF REGISTRATION	21/07/2014	
TITLE	CAPSULE	FOR HOLDING LIQUIDS
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
001400345	22/01/2014	ОНІМ



DECICAL MUMBED			26	C120	
DESIGN NUMBER	266128				
CLASS		15-99			
1)MESDAN S.P.A., A COL REPUBLIC					AN S
OF VIA MASSERINO, 6-		EGNAGO		` ''	
DATE OF REGISTRATION	N			9/2014	
TITLE				RATUS FOR CARRY ON TEXTILE SAMPI	2
PRIORITY					( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (
PRIORITY NUMBER		DAT	E	COUNTRY	
002442988-0002		08/04	4/2014	OHIM	
DESIGN NUMBER		26	7095		1
CLASS		20	5-02		
1)SUNDAYA NORDIC AI FLÖJELBERGSGATAN NATIONALITY: SWEDEN		1 37 MÖL	NDAL, SWEDI	EN,	
DATE OF REGISTRATION		29/10/2014			
TITLE	TORCH			1	
PRIORITY					
PRIORITY NUMBER	DA	ГЕ	COUNTRY		
002456285-0001	30/0	4/2014	OHIM		
				17-	
DESIGN NUMBER		2	69688		
CLASS		2	23-04		
1)VIDEOCON INDUSTR INCORPORATED UNDER 14 KMS. STONE, AURA CHITEGAON, TQ.PAITHAN MAHARASHTRA, INDIA.	THE INI NGABAD	<b>DIAN CO</b> I D-PAITHA	<b>MPANIES AC</b> ' N ROAD,	T, AT	
DATE OF REGISTRATION		19/02/2015			
TITLE		AIR CONDITIONER			

DESIGN NUMBER	270518
CLASS	12-11

## 1)HERO CYCLES LIMITED, HERO NAGAR, G. T. ROAD,

LUDHIANA-141003 (PUNJAB), INDIA,
(AN INDIAN COMPANY DULY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT, 1956)

DATE OF REGISTRATION	23/03/2015	
TITLE	BICYCLE	

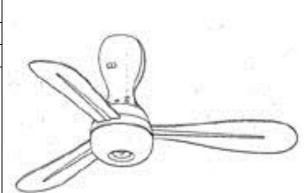


#### PRIORITY NA

DESIGN NUMBER	199831	
CLASS 03-04		
1)NEMO S.P.A., JOINT STOCK COMPANY, VIA PIAVE, 69, 22069 ROVELLASCA(PROV. OF COMO), ITALY		
DATE OF REGISTRATION 15/12/2004		
TITLE	FLECTRIC FAN	



PRIORITY NUMBER	DATE	COUNTRY
000269287	15/12/2004	OHIM



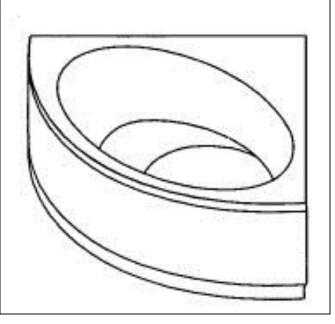
DESIGN NUMBER	200315
CLASS	23-02
1)KOHLER FRANCE SAS. A FRENCH COMPANY	

## OF 60 RUE DE TURENNE, CEDEX 03, 75139, PARIS, FRANCE

DATE OF REGISTRATION	07/01/2005
TITLE	TUB FOR BATHING



PRIORITY NUMBER	DATE	COUNTRY
29/220,908	07/01/2005	U.S.A.



DESIGN NUMBER		239656	
CLASS		09-07	
1)COLGATE-PALMOLIVE CO 300 PARK AVENUE, NEW YO		USA	
DATE OF REGISTRATION	2	22/09/2011	
TITLE	(	CLOSURE	
PRIORITY	•		
PRIORITY NUMBER	DATE	COUNTRY	
29/390, 908	29/04/2011	U.S.A.	
DESIGN NUMBER		252246	
CLASS		09-05	

81 RABINDRA SARANI, 1ST FLOOR, ROOM NO 13, KOLKATA-700073 WEST

11/03/2013

BENGAL, AN INDIAN, OF THE ABOVE ADDRESS



# CAPSULES (USED FOR STRAW PACKAGING)

#### PRIORITY NA

TITLE

DATE OF REGISTRATION

DESIGN NUMBER	267465	
CLASS	06-01	
1)MR. ARUN KALANI (PARTNER), NATIONALITY INDIAN TRADING AS THAR ART EXPORTS (A GOVT. RECOGNIZED EXPORT HOUSE) (INDIAN) WHOES ADDRESS IS S.P02 E.P.I.P., BORANADA, JODHPUR-342012, RAJASTHAN (INDIA)		
DATE OF REGISTRATION 17/11/2014		
TITLE	CHAIR	



DESIGN NUMBER	270330
CLASS	06-01

1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF

GODREJ INTERIO, PLANT 4, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	12/03/2015
TITLE	SOFA



#### PRIORITY NA

DESIGN NUMBER	269931
CLASS	12-16
1)TATA MOTORS I IMITED, AN INDIAN COMPANY OF	

#### 1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	27/02/2015
TITLE	FRONT WHEEL ARCH CLADDING OF A VEHICLE



#### PRIORITY NA

DESIGN NUMBER	202558
CLASS	22-06

## 1)DERECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE,

GOVERNMENT OF INDIA. WEST BLOCK-VIII, WING-1, SECTOR-1, RK PURAM, NEW DELHI-110066, INDIA, AN INDIAN NATIONAL.

DATE OF REGISTRATION	23/12/2005
TITLE	NON-ELECTRIC MOSQUITO REPELLANT LIQUID VAPORISER
PRIORITY NA	



DESIGN NUMBER	266590
CLASS	08-07

1)(1) RUPESHBHAI MANSUKHBHAI MANSARA (2) JAYESHBHAI GOBARBHAI SHEKHLIYA (3) CHETANBHAI LAVJIBHAI SINGHALA (ALL THE PARTNERS ARE ADULT AND INDIAN NATIONALS) PARTNERS OF JAY SOMNATH METAL (INDIAN **PARTNERSHIP FIRM**)

HAVING PLACE OF BUSINESS AT-3, MARUTI INDUSTRIAL AREA, KOTHARIA RING ROAD, B/S. MURLIDHAR WAYBRIDGE, N H NO. 8 B, RAJKOT-360003-GUJARAT,- (INDIA)

DATE OF REGISTRATION	10/10/2014
TITLE	DOOR LATCH
PRIORITY NA	



DESIGN NUMBER	267473
CLASS	09-03

#### 1)MANJUSHREE TECHNOPACK LIMITED, OF

143, C-5, BOMMASANDRA INDUSTRIAL AREA, HOSUR ROAD, BANGALORE-560099, KARNATAKA, INDIA, AN INDIAN COMPANY

DATE OF REGISTRATION	17/11/2014
TITLE	JAR



#### PRIORITY NA

DESIGN NUMBER	270332
CLASS	06-01

#### 1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF

GODREJ INTERIO, PLANT 4, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	12/03/2015
TITLE	SOFA
PRIORITY NA	



DESIGN NUMBER	268150
CLASS	12-05

## 1)GODREJ MATERIAL HANDLING, GODREJ & BOYCE MFG. CO. LTD.

PLANT-16, PIROJSHANAGAR, VIKHROLI, MUMBAI-400 079, MAHARASHTRA, INDIA, INDIAN COMPANY

DATE OF REGISTRATION	12/12/2014
TITLE	ELECTRIC COUNTERBALANCE FORKLIFT TRUCK



#### PRIORITY NA

DESIGN NUMBER	262655	
CLASS	30-03	
1)M/S SHRI KRISHNA INTERNATIONAL (INDIAN PARTNERSHIP FIRM), HAVING ITS OFFICE AT B-21, WAZIRPUR INDUSTRIAL AREA, DELHI-110052 (INDIA)		
DATE OF REGISTRATION	16/05/2014	
TITLE	PET BOWL	



#### PRIORITY NA

DESIGN NUMBER	270097
CLASS	13-03
ANNUAL WILL GODDON A FRONT A TABLATER	

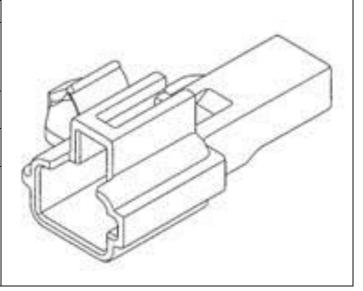
## 1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF

4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-0073, JAPAN

DATE OF REGISTRATION	03/03/2015
TITLE	ELECTRICAL CONNECTOR HOUSING

#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-019409	03/09/2014	JAPAN

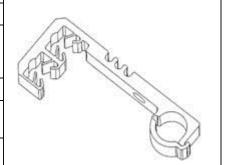


DEDIGITION DER	ESIGN NUMBER	265276
<b>CLASS</b> 12-16	ASS	12-16

#### 1) TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	29/08/2014
TITLE	CLAMP FOR TUBES AND WIRES OF A VEHICLE



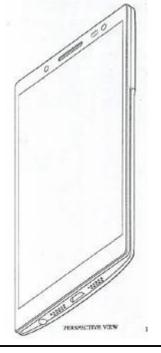
#### PRIORITY NA

DESIGN NUMBER	269698
CLASS	14-03

#### 1)LG ELECTRONICS INC.

128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA

DATE OF REGISTRATION	19/02/2015
TITLE	MOBILE PHONE



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0040301	19/08/2014	REPUBLIC OF KOREA

DESIGN NUMBER	270333
CLASS	06-01

# 1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF

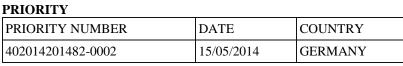
GODREJ INTERIO, PLANT 4, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA

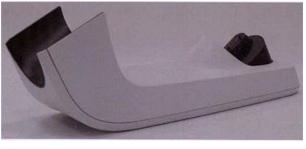
DATE OF REGISTRATION	12/03/2015	
TITLE	SOFA	
PRIORITY NA		



DESIGN NUMBER			269945	
CLASS		12-16		
1)TATA MOTORS LIMITE BOMBAY HOUSE, 24 HO! 001, MAHARASHTRA, INDIA	MI MODY S		OF MA CHOWK, MUMBAI 400	
DATE OF REGISTRATION		2	7/02/2015	
TITLE		REAR BUMI	PER OF A VEHICLE	
PRIORITY NA				
DESIGN NUMBER		257569		
CLASS			14-03	
1) <b>APPLE INC.,</b> 1 INFINITE LOOP, CUPER	TINO CAI	TEODNIA 05014		
AMERICA, A CORPORATION		,		
		PRATED IN THE S		
AMERICA, A CORPORATION		DRATED IN THE S	TATE OF CALIFORNIA	
AMERICA, A CORPORATION  DATE OF REGISTRATION		DRATED IN THE S	TATE OF CALIFORNIA 8/10/2013	
AMERICA, A CORPORATION  DATE OF REGISTRATION  TITLE		DRATED IN THE S	TATE OF CALIFORNIA 8/10/2013	
AMERICA, A CORPORATION  DATE OF REGISTRATION  TITLE  PRIORITY		PRATED IN THE S  MOE	TATE OF CALIFORNIA 8/10/2013 BILE PHONE	
AMERICA, A CORPORATION  DATE OF REGISTRATION  TITLE  PRIORITY  PRIORITY NUMBER		DRATED IN THE S  MOE  DATE	TATE OF CALIFORNIA  8/10/2013  BILE PHONE  COUNTRY	

AND EXISTING UNDER THE LAWS OF GERMANY, OF GÖSCHWITZER STRASSE 51-52, 07745 JENA, GERMANY		
DATE OF REGISTRATION 14/11/2014		
TITLE STAND FOR EYE DIAGNOSIS DEVICE		
·		





DESIGN NUMBER	267469
CLASS	06-04
	•

1)MR. ARUN KALANI (PARTNER), NATIONALITY INDIAN TRADING AS THAR ART EXPORTS (A GOVT. RECOGNIZED EXPORT HOUSE) (INDIAN) WHOES ADDRESS IS

S.P.-02 E.P.I.P., BORANADA, JODHPUR-342012, RAJASTHAN (INDIA)

DATE OF REGISTRATION	17/11/2014
TITLE	WARDROBE



#### PRIORITY NA

DESIGN NUMBER	270331
CLASS	06-01

1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF

GODREJ INTERIO, PLANT 4, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	12/03/2015
TITLE	ARM REST OF A SOFA



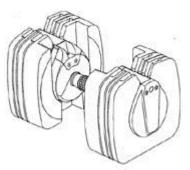
#### PRIORITY NA

DESIGN NUMBER	268143
CLASS	21-02

1)NAUTILUS, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF WASHINGTON, OF

17750 SE 6TH WAY, VANCOUVER, WA 98683, U.S.A.

DATE OF REGISTRATION	1	2/12/2014
TITLE	Di	UMBBELL
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
29/493 901	13/06/2014	II S A



DESIGN NUMBER	262654
CLASS	30-03

## 1)M/S SHRI KRISHNA INTERNATIONAL (INDIAN PARTNERSHIP FIRM), HAVING ITS OFFICE AT

B-21, WAZIRPUR INDUSTRIAL AREA, DELHI-110052 (INDIA)

DATE OF REGISTRATION	16/05/2014
TITLE	PET BOWL



#### PRIORITY NA

DESIGN NUMBER	269793
CLASS	07-02

## 1)TTK PRESTIGE LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT 1956,

HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 11TH FLOOR, BRIGADE TOWERS, 135 BRIGADE ROAD, BANGALORE-560 025, STATE OF KARNATAKA, INDIA

DATE OF REGISTRATION	24/02/2015		
TITLE	PRESSURE COOKER		



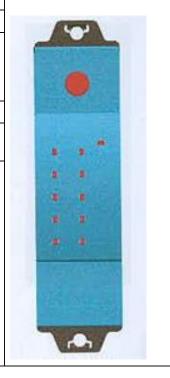
#### PRIORITY NA

DESIGN NUMBER	267306
CLASS	13-03

## 1)LARSEN & TOUBRO LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 OF

L & T HOUSE, BALLARD ESTATE, MUMBAI 400001, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	10/11/2014		
TITLE	COMMUNICATION MODULAR DEVICE FOR MCB/CONTACTOR		



DESIGN NUMBER				2681	58		
CLASS		15-06					
1)GROZ- BECKERT KG, O PARKWEG 2, 72458 ALBS		GER	MANY, A	GERMAN (	COMPAN	ΝΥ	
DATE OF REGISTRATION				12/12/2	2014		
TITLE		GUI	IDE NEED	LE LEAD F MACH		IN KNITTING	0
PRIORITY							0
PRIORITY NUMBER			DATE		COUNT	RY	
002483362-0003			16/06/2014	ļ	OHIM		
DESIGN NUMBER			23880	)9			
CLASS			14-0	2			
1)INDRA SISTEMAS, S.A., AVDA. BRUSELAS, 33-35.	, 28108	ALC	OBENDAS	, MADRID,	SPAIN		
DATE OF REGISTRATION			17/08/2	011		1	
TITLE	CON	NTROL DESK FOR AIR TRAFFIC CONTROL			AFFIC	Jac	The state of the s
PRIORITY						>	
PRIORITY NUMBER	D.	DATE COUNTRY		_			
DM/075382	22	2/02/2	2011	WIPO			
DESIGN NUMBER				2639	78		
CLASS		28-99			9		
1)RECKITT BENCKISER I INCORPORATED IN THE ST MORRIS CORPORATE CE NEW JERSEY 07054, UNITED	TATE ( NTER )	<b>OF DI</b> IV, 39	<b>ELAWAR</b> 99 INTERP	E <b>, U.S.A. O</b> ACE PARK	F		
DATE OF REGISTRATION		11/07/2014					
TITLE		TABLET FOR USE IN CLEANING BOWL		G A TOILET			
PRIORITY							

COUNTRY

OHIM

DATE

14/01/2014

PRIORITY NUMBER

001398838-0004

DESIGN NUMBER	200565
CLASS	08-06
1)GLITTERS INTERNATIONAL	ESTATE LOWED DAREL GANDHINAGAR

10/2, MAHALAXMI INDUSTRIAL ESTATE, LOWER PAREL, GANDHI NAGAR, MUMBAI 400013, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	20/07/2005
TITLE	HANDLE
DD TO D TOTAL ALL	



PRIORITY NA

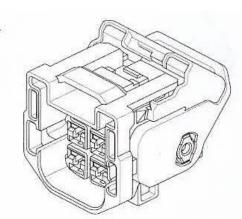
DESIGN NUMBER	270108	
CLASS	13-03	
1)X/A/ZAIZI CODDOD A/TION A	TADANECE CODDODATION OF	

1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF 4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-8333, JAPAN

DATE OF REGISTRATION	03/03/2015	
TITLE	ELECTRICAL CONNECTOR HOUSING	



PRIORITY NUMBER	DATE	COUNTRY
2014-019414	03/09/2014	JAPAN

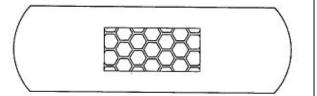


DESIGN NUMBER	239023		
CLASS	24-04		
1) IOIDIGON & IOIDIGON CONGUNED COMPANIES INC			

1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC., NEW JERSEY, OF GRANDVIEW ROAD, SKILLMAN, NJ 08858, UNITED STATES OF AMERICA

DATE OF REGISTRATION	29/08/2011		
TITLE	ADHESIVE BANDAGE WITH DECORATED PAD		
PRIORITY			
DDIODITY NUMBER	DATE	COLINTRY	

PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
13/036471	28/02/201	1 U.S.A.



DESIGN NUMBER	266622
CLASS	15-99

## 1)ALLTECH INDUSTRIES INDIA PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956)

HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS: 337, GIDC-II, DEDIYASAN, MEHSANA-384002, GUJARAT-INDIA

TITLE BITUMEN DEC	ENTER



#### PRIORITY NA

DESIGN NUMBER	259059	
<b>CLASS</b> 14-03		
1)NOKIA CORPORATION, A FINNISH CORPORATION OF THE ADDRESS KEILALAHDENTIE 4, ESPOO, FINLAND 02150		
DATE OF REGISTRATION	27/12/2013	

MOBILE PHONE



#### PRIORITY

TITLE

PRIORITY NUMBER	DATE	COUNTRY
29/465742	30/08/2013	U.S.A.

DESIGN NUMBER	263977
CLASS	28-99

## 1)RECKITT BENCKISER LLC, A LIMITED LIABILITY COMPANY INCORPORATED IN THE STATE OF DELAWARE, U.S.A. OF

MORRIS CORPORATE CENTER IV, 399 INTERPACE PARKWAY, PARSIPPANY, NEW JERSEY 07054, UNITED STATES OF AMERICA

DATE OF REGISTRATION		11/07/2	2014
TITLE	TABLET FOR USE IN CLEANING A TOILET BOWL		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
001398838-0003		14/01/2014	OHIM



DESIGN NUMBER	200564
CLASS	08-06

## 1)GLITTERS INTERNATIONAL

10/2, MAHALAXMI INDUSTRIAL ESTATE, LOWER PAREL, GANDHI NAGAR, MUMBAI 400013, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	20/07/2005
TITLE	HANDLE

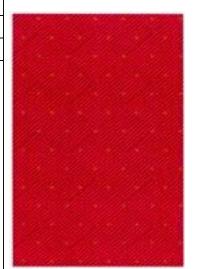


#### PRIORITY NA

DESIGN NUMBER	265893
CLASS	05-05

1) **SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD.** A COMPANY REGISTERED UNDER THE PROVSION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT- 394221 GUJARAT.

DATE OF REGISTRATION	24/09/2014
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	266789
CLASS	23-04

#### 1)AHKEO VENTURES LLC,

1825 WEST WALNUT HILL LANE, SUITE 100, IRVING, TEXAS 75038, UNITED STATES OF AMERICA, NATIONALITY: U.S.A.

DATE OF REGISTRATION	17/10/2014
TITLE	VAPORIZER

## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/488,431	18/04/2014	U.S.A.



DESIGN NUMBER	265021
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

4103, 4TH FLOOR, J. J. A.C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.

DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	269903
CLASS	08-06

1)DILIPBHAI BACHUBHAI HIRPARA (INDIAN NATIONALS) AND SOLE PROPRIETOR OF JANKI DIE-CAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF **BUSINESS AT-**

PLOT NO. 834, AJI INDUSTRIAL AREA, NR; SITARAM WAY BRIDGE, OPP: MUNICIPAL WORKSHOP, BHAVNAGAR ROAD, RAJKOT-GUJARAT (INDIA)

DATE OF REGISTRATION	27/02/2015	
TITLE	HANDLE	
PRIORITY NA		



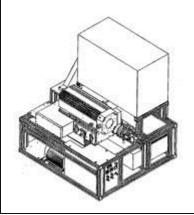
'KIOKITY NA

DESIGN NUMBER	265644
CLASS	10-05

1)AEROMEGT GMBH. (A PRIVATE LIMITED COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY), HAVING ITS REGISTERED **OFFICE AT:** 

AM HÜPPLINGSGRABEN 14, 42799 LEICHLINGEN, GERMANY

DATE OF REGISTRATION	12/09/2014	
TITLE	AEROSOL DETECTOR	

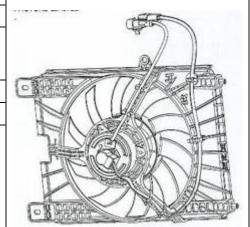


DESIGN NUMBER 270336	
<b>CLASS</b> 12-16	

## 1) TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	12/03/2015
TITLE	ENGINE COMPARTMENT COOLING FAN



#### PRIORITY NA

DATE OF REGISTRATION

TITLE

PRIORITY

PRIORITY NUMBER

001398838-0002

268156		
15-06		
GERMANY, A GER	MAN COMPANY	
	12/12/2014	
GUIDE NEEDLE LEAD FOR USE IN KNITTING MACHINES		
•		
DATE	COUNTRY	200
16/06/2014	OHIM	
	263976	
28-99		
OF DELAWARE, U.	S.A. OF	
	DATE 16/06/2014  LIMITED LIABILITOF DELAWARE, U., IV, 399 INTERPACE	GERMANY, A GERMAN COMPANY  12/12/2014  GUIDE NEEDLE LEAD FOR USE IN KNITTING MACHINES  DATE  COUNTRY  16/06/2014  OHIM  263976  28-99  LIMITED LIABILITY COMPANY OF DELAWARE, U.S.A. OF IV, 399 INTERPACE PARKWAY, PARSIPPANY,

DATE

14/01/2014

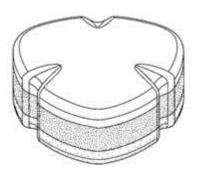
11/07/2014

TABLET FOR USE IN CLEANING A TOILET

**BOWL** 

**COUNTRY** 

OHIM



DESIGN NUMBER		200420	
CLASS		07-06	
1)SUDER EXPORTS, A-120, WAZIRPUR INDUSTRIA PARTNERSHIP FIRM,	AL AREA, DELHI-110052	2, AN INDIAN	
DATE OF REGISTRATION	25	5/07/2005	
TITLE	SALT	& SPICE POT	
PRIORITY NA			
DESIGN NUMBER		269948	
CLASS		12-16	
1)TATA MOTORS LIMITED, A BOMBAY HOUSE, 24 HOMI M 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	27	7/02/2015	1
TITLE	REAR QUARTER	GLASS OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		266384	
CLASS		12-05	The state of the s
1)KONECRANES PLC, A COMI THE LAWS OF FINLAND, OF TH KONEENKATU 8, 05830 HYVI	IE ADDRESS	D EXISTING UNDER	
DATE OF REGISTRATION	01	/10/2014	
TITLE	(	CRANE	
PRIORITY			100
PRIORITY NUMBER	DATE	COUNTRY	west .
002440057-0001	002440057-0001 04/04/2014		
	1	ı	-

DESIGN NUMBER	267076	
CLASS	15-03	
1)SATAKE CORPORATION, A JAPANESE COMPANY OF 7-2, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO, 101-0021, JAPAN		
DATE OF REGISTRATION 29/10/2014		
TITLE	OPTICAL GRANULAR MATERIAL SORTER	



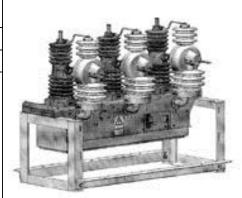
### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
2014-010120	12/05/2014	JAPAN

DESIGN NUMBER	266781	
CLASS	13-03	
1)ABB TECHNOLOGY LTD., HAVING REGISTERED OFFICE AT		

AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND, A SWISS COMPANY

DATE OF REGISTRATION	17/10/2014
TITLE	RECLOSER



## PRIORITY NA

DESIGN NUMBER	268528	
CLASS	15-01	
1) IACHWANTI AL D DANCHAL	INDIVIDUAL AN INDIAN MATIONAL	

## 1)JASHWANTLAL P. PANCHAL, INDIVIDUAL, AN INDIAN NATIONAL, PROPRIETOR OF PANCHAL MACHINERY, HAVING ITS OFFICE AT

13, AJAY INDUSTRIAL ESTATE, NEAR WATER TANK, DUDHESHWAR ROAD, DUDHESHWAR, AHMEDABAD-380 004, GUJARAT, INDIA.

DATE OF REGISTRATION	31/12/2014
TITLE	TWIN SHAFT EXTRUDER GEAR BOX

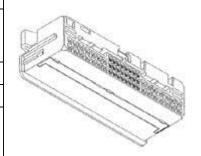


DESIGN NUMBER	267505
CLASS	13-03

#### 1)SUMITOMO WIRING SYSTEMS, LTD.,

1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE-KEN 510-8503, JAPAN, NATIONALITY-JAPAN

DATE OF REGISTRATION	19/11/2014	
TITLE	ELECTRICAL CONNECTOR HOUSING	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
2014-011940	03/06/2014	JAPAN



DESIGN NUMBER	269342
CLASS	08-06

# 1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	05/02/2015
TITLE	HANDLE



### PRIORITY NA

DESIGN NUMBER	268375
CLASS	06-11

## 1)SAHIL PLASTIC PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS

NO. 5 MIRZA STREET, OPPOSITE: ABDULREHMAN STREET, MUMBAI 400003 IN THE STATE OF MAHARASHTRA WITHIN THE UNION OF INDIA, WHO ARE INDIAN BY NATIONALITY

DATE OF REGISTRATION	23/12/2014	
TITLE	MAT	
PRIORITY NA		



DESIGN NUMBER		269642	
CLASS		06-07	
1)MAHESH GUPTA, INDIAN NA 125, GREEN TOWERS APARTM DELHI-110 075, INDIA		C, SECTOR-23, DWARKA, NEW	
DATE OF REGISTRATION		16/02/2015	
TITLE	PHOTO FRA	AME WITH BACK POCKET	
PRIORITY NA			
DESIGN NUMBER		270151	
CLASS		06-01	
INDIAN COMPANIES ACT, AT 41, NATIONAL HOUSE, SAKI - 400072	VIHAR ROAD, PO		
DATE OF REGISTRATION		05/03/2015	
TITLE		CHAIR	
PRIORITY NA			
DESIGN NUMBER		246488	
CLASS		23-03	
1)TECHNOLOGICAL RESOURCE	CES PTY. LIMITE	D; AN AUSTRALIAN	$\wedge$
OF 120 COLLINS STREET, MEL	BOURNE, VICTOR	RIA 3000, AUSTRALIA	
OF 120 COLLINS STREET, MEL	BOURNE, VICTOR	RIA 3000, AUSTRALIA 13/07/2012	
COMPANY OF 120 COLLINS STREET, MEL  DATE OF REGISTRATION  TITLE	· ·	·	
OF 120 COLLINS STREET, MEL  DATE OF REGISTRATION  TITLE	· ·	13/07/2012 MICROWAVE TREATMENT OF	
OF 120 COLLINS STREET, MEL  DATE OF REGISTRATION	· ·	13/07/2012 MICROWAVE TREATMENT OF	

DESIGN NUMBER		265892	
CLASS	05-05		With
1)M/S. SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVSION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT.			
DATE OF REGISTRATION	24	4/09/2014	
TITLE	TEXT	TLE FABRIC	
PRIORITY NA			
DESIGN NUMBER		266788	
CLASS		23-04	
1)AHKEO VENTURES LLC, 1825 WEST WALNUT HILL LANE, SUITE 100, IRVING, TEXAS 75038, UNITED STATES OF AMERICA, NATIONALITY: U.S.A.			
DATE OF REGISTRATION	17	7/10/2014	1 //
TITLE	VAPORIZER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/488,431	18/04/2014	U.S.A.	
DESIGN NUMBER	<u> </u>	269078	
CLASS		12-16	
1)UPSTREAM CAPITAL MANA INCORPORATED UNDER THE L. 8 MARINA BOULEVARD, #05-0 SINGAPORE	AWS OF SINGAPORE	HAVING ADDRESS AT	
DATE OF REGISTRATION	27	7/01/2015	
TITLE	WORKING UNIT OF A VEHICLE DOOR CLOSER		
PRIORITY NA			

DESIGN NUMBER	267742
CLASS	08-08

1)(1) MANSUKHBHAI NARSINHBHAI GONDALIYA (2) BHARATBHAI DHIRUBHAI BODAR (BOTH THE PARTNERS ARE ADULT AND INDIAN NATIONAL) PARTNERS OF BALAJI METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT-

6, PARSANA SOCIETY, 50 FEET ROAD, NEAR SRP METAL, KOTHARIYA MAIN ROAD, RAJKOT-GUJARAT-(INDIA)

DATE OF REGISTRATION	27/11/2014	
TITLE	CURTAIN BRACKET	
PRIORITY NA		



## PRIORITT NA

DESIGN NUMBER	269663
CLASS	23-04

## 1)BIJAY KUMAR JAISWAL (INDIAN NATIONAL) OF

KENDUA PUL MAA SHARDA ELECTRICK, PO-KUSUNDA, DIST-DHANBAD, JHARKHAND

DATE OF REGISTRATION	18/02/2015
TITLE	GEAR BOX ASSEMBLY FOR FAN



## PRIORITY NA

DESIGN NUMBER	266927
CLASS	23-04

## 1) CUMMINS FILTRATION IP, INC., AN US COMPANY OF

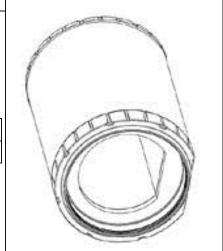
500 JACKSON STREET, COLUMBUS, IN 47201, UNITED STATES OF AMERICA;

NATIONALITY: U.S.A.

DATE OF REGISTRATION	27/10/2014
TITLE	FILTER FOR USE IN AN INTERNAL COMBUSTION ENGINE SYSTEM

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/490,215	07/05/2014	U.S.A.



PRIORITY NA		
TITLE	BOTTLE	
DATE OF REGISTRATION	17/11/2014	
1)MARICO LIMITED, AN INDIAN GRANDE PALLADIUM, 7TH FLO 400098 (INDIA)	N COMPANY, OF OOR, KALINA, SANTACRUZ (E), MUMBAI	
<b>CLASS</b> 09-01		
DESIGN NUMBER	267460	
PRIORITY NA		
TITLE	GEMSTONE	
DATE OF REGISTRATION 21/11/2014		
UNDER THE COMPANIES ACT, 19 UNIT, GUJARAT HIRA BOURSE, GEM & JEWELLERY PARK, ICHI	TE LIMITED, A COMPANY INCORPORATED 56 WHOSE ADDRESS IS F 02 TO F 06, DTA HAPORE, SURAT 394510 IN THE STATE OF INDIA, WHO ARE INDIAN BY NATIONALITY	
CLASS	11-01	
DESIGN NUMBER	267604	

DESIGN NUMBER	269690
CLASS	23-04

# 1)VIDEOCON INDUSTRIES LIMITED. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

14 KMS. STONE, AURANGABAD-PAITHAN ROAD, CHITEGAON, TQ.PAITHAN, DIST. AURANGABAD-431105, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	19/02/2015
TITLE	AIR CONDITIONER
PRIORITY NA	



DESIGN NUMBER	246227
CLASS	09-01

1)PADMASHRI DR. VITTHALRAO VIKHE PATIL SAHAKARI SAKHAR KARKHANA LTD. (A CO-OPERATIVE SOCIETY REGISTERED UNDER MAHARASHTRA CO-OPERATIVE SOCIETIES ACT, 1960),

AT PRAVARANAGAR, TAL. RAHATA, DIST. AHMEDNAGAR

DATE OF REGISTRATION	26/06/2012	
TITLE	BOTTLE	



#### PRIORITY NA

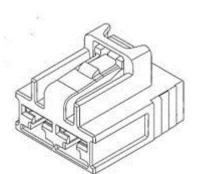
DESIGN NUMBER	270094	
CLASS	13-03	
1)YAZAKI CORPORATION, A JAPANESE CORPORATION OF		

4-28, MITA 1-CHOME, MINATO-KU, TOKYO 108-0073, JAPAN

DATE OF REGISTRATION	03/03/2015
TITLE	ELECTRICAL CONNECTOR HOUSING

PRIORITY

1 Hi O Hi I		
PRIORITY NUMBER	DATE	COUNTRY
2014-019405	03/09/2014	JAPAN



DESIGN NUMBER	269785
CLASS	08-08

1)ASHOKBHAI VALLABHBHAI NASIT (ADULT AND INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT-NEW THOLARA RAMNAGAR SOCIETY STREET NO. 8, RAJKOT-GUJARAT-(INDIA)

DATE OF REGISTRATION	24/02/2015
TITLE	CURTAIN BRACKET



DESIGN NUMBER	267079		
<b>CLASS</b> 12-15			
1)METRO TYRES LIMITED, A CO INDIAN COMPANIES ACT, 1956 NA C-49, SECTOR-62, NOIDA-201301	ATIONALITY: INDIA		
DATE OF REGISTRATION	29	0/10/2014	
TITLE		TYRE	
PRIORITY NA			
DESIGN NUMBER	<u>'</u>	266783	
CLASS		10-04	
1)THALES COMMUNICATIONS & SECURITY SAS, SOCIÉTÉ PAR ACTION SIMPLIFIÉE (SAS) OF 4, AVENUE DES LOUVRESSES 92230 GENNEVILLIERS, FRANCE			
DATE OF REGISTRATION	17	7/10/2014	□  H   H·
TITLE	CONTACTLESS	TICKET VALIDATOR	7 181 181
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002449967	18/04/2014 OHIM		
DESIGN NUMBER 269073			
CLASS	18-02		
1)CASIO KEISANKI KABUSHIKI KAISHA DOING BUSINESS AS CASIO COMPUTER CO., LTD. A JAPANESE COMPANY, OF 6-2, HON-MACHI 1-CHOME, SHIBUYA-KU, TOKYO, JAPAN			
DATE OF REGISTRATION	27/01/2015		
TITLE	LABEL PRINTER		

DESIGN NUMBER	20	67871	
CLASS		07-05	
1)KONINKLIJKE PHILIPS N EXISTING UNDER THE LAWS NETHERLANDS, RESIDING A ADDRESS IS HIGH TECH CAMPUS 5, 565	V., A COMPANY OF OF THE KINGDOM TEINDHOVEN, WH	RGANIZED AND I OF THE OSE POST-OFFICE	
DATE OF REGISTRATION	1	12/2014	
TITLE		IC DRY IRON	
PRIORITY	<u> </u>		
PRIORITY NUMBER	DATE	COUNTRY	
002483065-0001	16/06/2014	OHIM	
DESIGN NUMBER		269346	
CLASS		08-06	
	URVEY NO. 195/P 66, 80 FEET ROAD, BEHIND YA, RAJKOT, GUJARAT, INDIA  05/02/2015  HANDLE		
PRIORITY NA			
DESIGN NUMBER		267411	
CLASS		09-01	
1) <b>RISHI VERMA; AN INDIA</b> 6352/2, ALEXANDRA ROAD			NDIA
DATE OF REGISTRATION		14/11/2014	
TITLE		BOTTLE	
PRIORITY NA			

DESIGN NUMBER	269647	
CLASS	15-03	
PARTNERS 1. MR. IMTIYAZBHAI ISMAILSHA FAKIR 3. MR. IMRAN REGISTERED OFFICE IS	GISTERED PARTNERSHIP FIRM, HAVING ISMAILSHA FAKIR 2. MR. SABIRBHAI IBHAI IKBALBHAI SHAHAMDAR, HAVING D.C., RAJKOT-AHMEDABAD HIGHWAY, AT. RAT	
DATE OF REGISTRATION	17/02/2015	
TITLE	STONE REMOVING MACHINE FOR GRAIN	
PRIORITY NA		
DESIGN NUMBER	270165	
CLASS	07-99	
(INDIA), AN INDIAN PROPRIETORSHIP FATMARAM LAKHWANI INDIAN N DATE OF REGISTRATION	FIRM, WHOSE PROPRIETOR IS HARESH ATIONALS, OF ABOVE ADDRESS 09/03/2015	
TITLE	GAS LIGHTER	
PRIORITY NA		
DESIGN NUMBER	269879	
CLASS	12-16	520
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 001, MAHARASHTRA, INDIA	INDIAN COMPANY OF DY STREET, HUTATMA CHOWK, MUMBAI 400	
DATE OF REGISTRATION	26/02/2015	
	1	CHILIPPINIC CONT.

FRONT BUMPER OF A VEHICLE

TITLE

DESIGN NUMBER	263773	
CLASS	12-08	

## 1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT, A GERMAN COMPANY OF

PORSCHEPLATZ 1, 70435 STUTTGART, GERMANY

DATE OF REGISTRATION	01/07/2014	
TITLE	CAR	



#### PRIORITY NA

DESIGN NUMBER	265744	
CLASS	21-01	
1/DICHADD DHILID DIELE LIC NATIONAL AT		

#### 1)RICHARD PHILIP BIELE, US NATIONAL, AT

 $10633\ HICKORY\ CREST\ LANE,\ COLUMBIA,\ MARYLAND,\ UNITED\ STATES$ 

DATE OF REGISTRATION	18/09/2014
TITLE	GAME BOARD



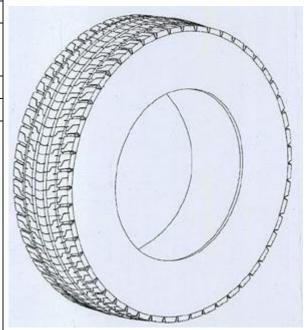
## PRIORITY

**DESIGN NUMBER** 

PRIORITY NUMBER	DATE	COUNTRY
29/489,014	25/04/2014	U.S.A.

270345

CLASS	12-15
1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION 12/03/2015	
TITLE	TYRE TREAD

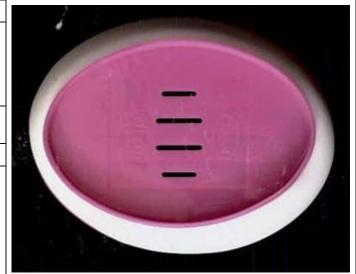


DESIGN NUMBER	267996
CLASS	23-02

1)1) SHRI. BASANT J. BAFNA 2) SMT. DAKSHA B. BAFNA, PARTNERS- INDIAN NATIONAL TRADING AS JEWEL PLAST, HAVING ITS REGISTERED OFFICE AT

PLOT NO. 361/8, SHREE GANESH INDUSTRIAL ESTATE, KACHIGAM, DAMAN-396210, INDIA, OF ABOVE ADDRESS

DATE OF REGISTRATION	08/12/2014
TITLE	SOAP CASE



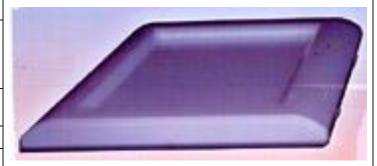
DESIGN NUMBER	268159		
CLASS	15-06		
1)GROZ- BECKERT KG, OF PARKWEG 2, 72458 ALBSTADT,	GERMANY, A GERM	IAN COMPANY	
DATE OF REGISTRATION	12	2/12/2014	
TITLE	GUIDE NEEDLE LEAD FOR USE IN KNITTING MACHINES		
PRIORITY			$C^{\prime\prime}$
PRIORITY NUMBER	DATE	COUNTRY	
002483362-0004	16/06/2014	OHIM	
DESIGN NUMBER	263979		
CLASS		28-99	
1)RECKITT BENCKISER LLC, A INCORPORATED IN THE STATE ( MORRIS CORPORATE CENTER I NEW JERSEY 07054, UNITED STATI	<b>OF DELAWARE, U.S</b> . IV, 399 INTERPACE P	.A. OF	
DATE OF REGISTRATION	11/07/2014		
TITLE	TABLET FOR USE IN CLEANING A TOILET BOWL		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
001398838-0001	14/01/2014 OHIM		
		<b>_</b>	

DESIGN NUMBER	200574
CLASS	13-03

## 1)HANSHABEN RAMESHBAI PATEL, PROPRIETOR OF M/S. DHARAM INDUSTRIES,

ADDRESS AT & POST. DHRUV NAGAR, TS. TANKARA DIS. RAJKOT, STATE GUJARAT (INDIA)

DATE OF REGISTRATION	27/07/2005
TITLE	ELECTRIC SWITCH BOARD



## PRIORITY NA

DESIGN NUMBER	269834
CLASS	12-16

## 1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

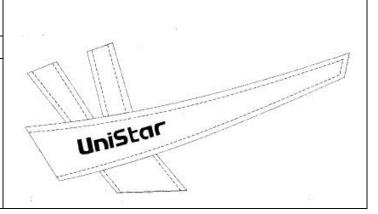
DATE OF REGISTRATION	25/02/2015
TITLE	WHEEL CAP OF A VEHICLE



## PRIORITY NA

DESIGN NUMBER	239068
CLASS 02-04	
1)HARI SHANKAR BAHETY 32, SADHANA ENCLAVE, NEAR MALVIYA NAGAR, NEW DELHI 110017, DELHI STATE, INDIA,	
DATE OF	

DATE OF REGISTRATION	02/09/2011
TITLE	SHOE ACCESSORIES



DESIGN NUMBER	268542	
CLASS	21-01	

## 1)MOHD. IKRAM, SOLE PROPRIETOR OF M/S. CHOUDHARY TOYS, WHOSE ADDRESS IS

152, PHASE-II, SHAHZADA BAGH, INDERLOK, DELHI-110035, (INDIA), AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	31/12/2014	
TITLE	TOY	



#### PRIORITY NA

DESIGN NUMBER	268668	
CLASS	05-06	
CLIISS	02 00	

#### 1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	06/01/2015	
TITLE	DECORATIVE SHEET MATERIAL	



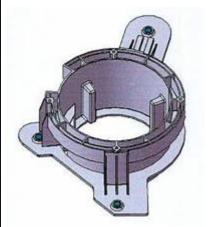
## PRIORITY NA

DESIGN NUMBER	267534	
CLASS	12-16	
1)TATA MOTORS LIMITED AN INDIAN COMPANY OF		

#### 1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	20/11/2014	
TITLE	SPACER BRACKET FOR MOUNTING SPEAKER IN A VEHICLES	



DESIGN NUMBER  CLASS  1)PREETHI KITCHEN APPLIANCES PR COMPANY INCORPORATED UNDER TH ACT, 1956, OF TECHNOPOLIS KNOWLEDGE BARK M	267267 31-00 RIVATE LIMITED, AN INDIAN	
1)PREETHI KITCHEN APPLIANCES PR COMPANY INCORPORATED UNDER TH ACT, 1956, OF		~ @
ANDHERI-EAST, MUMBAI-400093, INDIA		
DATE OF REGISTRATION	07/11/2014	
TITLE	FOOD PROCESSOR	
PRIORITY NA		
DESIGN NUMBER	270513	
CLASS	12-11	
1)HERO CYCLES LIMITED, HERO NAC (PUNJAB), INDIA, (AN INDIAN COMPANY DULY INCORP INDIAN COMPANIES ACT, 1956)	PORATED UNDER THE PROVISIONS O	F
DATE OF REGISTRATION	23/03/2015	
TITLE	BICYCLE	
PRIORITY NA		
DESIGN NUMBER	265028	
CLASS	05-05	<b>次运机会的价码。</b> 是可
1) SIDDHI VINAYAK KNOTS & PRINTS UNDER THE PROVISION OF COMPANIE REGISTERED OFFICE AT A-26, CENTRA 394221 GUJARAT.	ES ACT, 1956 HAVING ITS	ED
DATE OF REGISTRATION	25/08/2014	
TITLE	TEXTILE FABRIC	

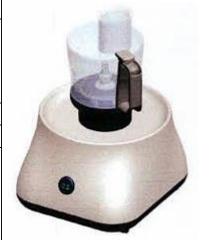
DESIGN NUMBER	SIGN NUMBER 269911		
CLASS	26-06		
1)HONDA MOTOR CO., LTD., A J 1-1, MINAMI-AOYAMA 2-CHOM			
DATE OF REGISTRATION	27	7/02/2015	
TITLE		TION LAMP FOR MOTOR COOTER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-019989	09/09/2014	JAPAN	
DESIGN NUMBER		265992	
CLASS		15-07	-
MUMBAI-400079, INDIA  DATE OF REGISTRATION  24/09/2014  TITLE  REFRIGERATOR  PRIORITY NA			
DESIGN NUMBER		268545	
CLASS	CLASS 26-03		
1)LIGHTING TECHNOLOGIES INDIA PRIVATE LIMITED, A COMPANY REGISTERED UNDER COMPANIES ACT 1956, HAVING IT'S REGISTERED ADDRESS AT  M C JUNCTION, NO. 201, 3RD MAIN, KASTURI NAGAR, BANGALORE-560043, KARNATAKA, INDIA; NATIONALITY: INDIAN			
DATE OF REGISTRATION	31/12/2014		
TITLE	STREET LIGHTING FIXTURE		
PRIORITY NA			

DESIGN NUMBER	267269
CLASS	31-00

# 1)PREETHI KITCHEN APPLIANCES PRIVATE LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956 AND HAVING OFFICE AT

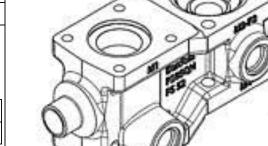
TECHNOPOLIS KNOWLEDGE PARK, MAHAKALI CAVES ROAD, CHAKALA, ANDHERI-EAST, MUMBAI-400093, INDIA

DATE OF REGISTRATION	07/11/2014	
TITLE	FOOD PROCESSOR	



#### PRIORITY NA

DESIGN NUMBER	269685		
CLASS 23-01			
1)DANFOSS A/S, A DANISH COMPANY, OF NORDBORGVEJ 81, DK-6430 NORDBORG, DENMARK			
DATE OF REGISTRATION 19/02/2015			
TITLE	VALVE HOUSING		



#### **PRIORITY**

11101111				
	PRIORITY NUMBER	DATE	COUNTRY	
	002537878-0002	15/09/2014	OHIM	

DESIGN NUMBER	270515
CLASS	12-11

## 1)HERO CYCLES LIMITED, HERO NAGAR, G. T. ROAD, LUDHIANA-141003 (PUNJAB), INDIA,

(AN INDIAN COMPANY DULY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT, 1956)

DATE OF REGISTRATION	23/03/2015
TITLE	BICYCLE



DESIGN NUMBER	255951
CLASS	26-02
1) A NA DI NA TRI DA C. C. DA DECH NA TRI DA C. DA DENIERO CE MIC. CREE	

#### 1)ANADI NATH DAS & PARESH NATH DAS, PARTNERS OF M/S. SREE LAKSHMI ENTERPRISE HAVING ITS OFFICE AT

1/1G, RADHA MOHAN DEY LANE, KOLKATA-700036, WEST BENGAL, AN INDIAN, OF THE ABOVE ADDRESS

DATE OF REGISTRATION	22/08/2013
TITLE	TORCH



#### PRIORITY NA

DESIGN NUMBER		269913
CLASS		26-06
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN		
DATE OF REGISTRATION	27/02/2015	
TITLE	FRONT COMBINATION LAMP FOR MOTOR SCOOTER	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY



2014-019988	09/09/2014	JAPAN
DESIGN NUMBER	265486	
CLASS	09-04	

1)BHARAT COTTAGE INDUSTRIES, A REGISTERED PARTNERSHIP FIRM AT 1ST FLOOR, VAKIL INDUSTRIAL ESTATE, WALBHAT ROAD, GOREGAON (E), MUMBAI-400 063, MAHARASHTRA, INDIA,

WHOSE PARTNERS ARE: 1. PRIYANK M JAIN, 2. MAHENDRA M. JAIN AND 3. MRS. MADHUBALA M JAIN, ALL INDIAN NATIONALS

DATE OF REGISTRATION	08/09/2014
TITLE	BASKET
PRIORITY NA	



DESIGN NUMBER		268153	
CLASS		23-03	
1)HAVELLS INDIA LIMITED, A OFFICE AT 1, RAJ NARAIN MARG, CIVIL		, HAVING REGISTERED	
DATE OF REGISTRATION	1:	2/12/2014	
TITLE	WAT	ER HEATER	
PRIORITY NA			
DESIGN NUMBER		263975	
CLASS		28-99	
1)RECKITT BENCKISER LLC, INCORPORATED IN THE STATE MORRIS CORPORATE CENTE NEW JERSEY 07054, UNITED STA	E <b>OF DELAWARE, U.S</b> R IV, 399 INTERPACE F	.A. OF	
DATE OF REGISTRATION	1	1/07/2014	
TITLE		IN CLEANING A TOILET BOWL	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001398838-0001	14/01/2014	OHIM	
DESIGN NUMBER		267268	
CLASS		31-00	
1)PREETHI KITCHEN APPLIA COMPANY INCORPORATED UN ACT, 1956, OF TECHNOPOLIS KNOWLEDGE ANDHERI-EAST, MUMBAI-40009	NDER THE PROVISION PARK, MAHAKALI CA	NS OF THE COMPANIES	
DATE OF REGISTRATION	0,	7/11/2014	
r	<del> </del>		

FOOD PROCESSOR

TITLE

DESIGN NUMBER	267419
CLASS	11-01
1)RISHI VERMA; AN INDIAN NATIONAL WHOSE ADDRESS IS	

6352/2, ALEXANDRA ROAD, AMBALA CANTT-133001, HARYANA, INDIA

REGISTRATION	
TITLE BANGLES (SET)	



## PRIORITY NA

DESIGN NUMBER	269684
CLASS	23-01
1)DANFOSS A/S, A DANISH COMPANY, OF	

## NORDBORGVEJ 81, DK-6430 NORDBORG, DENMARK

DATE OF REGISTRATION	19/02/2015
TITLE	VALVE HOUSING
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002537878-0001	15/09/2014	OHIM

DESIGN NUMBER	270514
CLASS	12-11

### 1)HERO CYCLES LIMITED, HERO NAGAR, G. T. ROAD, LUDHIANA-141003 (PUNJAB), INDIA,

(AN INDIAN COMPANY DULY INCORPORATED UNDER THE PROVISIONS OF INDIAN COMPANIES ACT, 1956)

DATE OF REGISTRATION	23/03/2015	
TITLE	BICYCLE	



DESIGN NUMBER		265038	
CLASS	05-05		
1) SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF COREGISTERED OFFICE AT 4103, 4TH FLOOR, J. J. A.C. MAINDIA.	MPANIES ACT, 1956 F	HAVING ITS	
DATE OF REGISTRATION	2:	5/08/2014	
TITLE	TEXT	TILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		269912	
CLASS		12-11	
1)HONDA MOTOR CO., LTD., A 1-1, MINAMI-AOYAMA 2-CHO			
DATE OF REGISTRATION	27/02/2015		
TITLE	MOTO	OR SCOOTER	-
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
2014-019987	09/09/2014	JAPAN	
DESIGN NUMBER		265963	
CLASS		05-05	
1) SIDDHI VINAYAK KNOTS A A COMPANY REGISTERED UNDE HAVING ITS REGISTERED OFFICE SURAT- 394221 GUJARAT.	R THE PROVSION OF		
DATE OF REGISTRATION	24/09/2014		A POTENTIAL PARTIES
TITLE	TEXTILE FABRIC		211 2211 2
PRIORITY NA			

DESIGN NUMBER	267084	
CLASS	12-15	
1)METRO TYRES LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956 NATIONALITY: INDIAN COMPANY,		

C-49, SECTOR-62, NOIDA-201301, U.P.

DATE OF REGISTRATION	29/10/2014	
TITLE	TYRE	



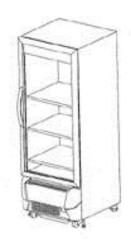
#### PRIORITY NA

DESIGN NUMBER	267215	
CLASS	15-07	

1)PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF

1-61 SHIROMI 2-CHOME, CHOU-KU, OSAKA-SHI, OSAKA 540-6207, JAPAN

DATE OF REGISTRATION	05/11/2014	
TITLE	REFRIGERATING APPARATUS	



## PRIORITY NA

DESIGN NUMBER	268540		
CLASS	21-01		
1)MOUD IVDAM SOLE PROPRIETOR OF M/S CHOUDHARY TOYS WHOSE			

1)MOHD. IKRAM, SOLE PROPRIETOR OF M/S. CHOUDHARY TOYS, WHOSE ADDRESS IS

152, PHASE-II, SHAHZADA BAGH, INDERLOK, DELHI-110035, (INDIA), AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	31/12/2014	
TITLE	TOY	



DESIGN NUMBER	203245		
CLASS	04-02		
1)COLGATE-PALMOLIVE COMPANY OF 300 PARK AVENUE, NEW YORK, NEW YORK, USA 10022, A US COMPANY.			
DATE OF REGISTRATION	17	7/08/2005	
TITLE	ELECTRIC TO	OTHBRUSH HANDLE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/236, 482	17/08/2005	U.S.A.	
DESIGN NUMBER		268666	
CLASS		13-03	SHEET)
1)YAZAKI CORPORATION, A JA 4-28, MITA 1-CHOME, MINATO-I			
DATE OF REGISTRATION	00	6/01/2015	
TITLE	HOUSING FOR ELECTRIC CONNECTOR		Second Control of the
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
2014-015345	14/07/2014	JAPAN	
DESIGN NUMBER	267266		
CLASS	31-00		
1)WHIRLPOOL S.A., A BRAZILIAN COMPANY, OF AVENIDA DAS NACOES UNIDAS, 12.995-32° ANDAR, BROOKLIN NOVO- 04578-000-SAO PAULO-SP-BRAZIL			
DATE OF REGISTRATION	07/11/2014		
TITLE	BEVERAGE EQUIPMENT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
BR 30 2014 002025 0	07/05/2014 BRAZIL		

DESIGN NUMBER	267417	
CLASS 11-01		
1)RISHI VERMA; AN INDIAN NATIONAL WHOSE ADDRESS IS 6352/2, ALEXANDRA ROAD, AMBALA CANTT-133001, HARYANA, INDIA		
DATE OF REGISTRATION 14/11/2014		
TITI F	FARRINGS (SFT)	



#### PRIORITY NA

DESIGN NUMBER	265023
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

4103, 4TH FLOOR, J. J. A.C. MARKET, RING ROAD, SURAT-395002 (GUJARAT) INDIA.

DATE OF REGISTRATION	25/08/2014
TITLE	TEXTILE FABRIC



## PRIORITY NA

DESIGN NUMBER	263265
CLASS	20-03
1)BEHR PROCESS CORPORATION, A CALIFORNIA CORPORATION, OF THE	

1)BEHR PROCESS CORPORATION, A CALIFORNIA CORPORATION, OF THE ADDRESS

3400 W. SEGERSTROM AVENUE, SANTA ANA, CALIFORNIA 92704

DATE OF REGISTRATION	11/06/2014
TITLE	COLOUR CARD ASSEMBLY



PRIORITY NUMBER	DATE	COUNTRY
29/476,933	18/12/2013	U.S.A.



DESIGN NUMBER	269910
CLASS	26-06

### 1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF

1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN

DATE OF REGISTRATION	27/02/2015
TITLE	REAR COMBINATION LAMP FOR MOTOR SCOOTER
PRIORITY	



DESIGN NUMBER	266372
CLASS	23-01

## 1)FIMA CARLO FRATTINI S.P.A.,

VIA BORGOMANERO, 105, 28024-BRIGA NOVARESE (NOVARA)-ITALY, NATIONALITY: ITALY

DATE OF REGISTRATION	30/09/2014
TITLE	TAP HANDLE

#### **PRIORITY**

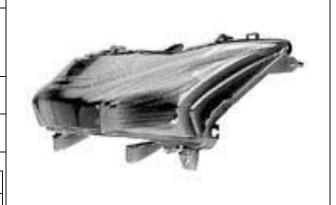
PRIORITY NUMBER	DATE	COUNTRY
002439539-0003	03/04/2014	OHIM

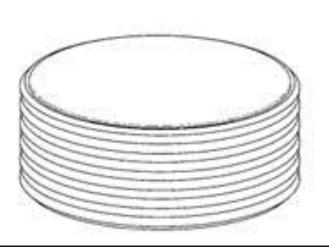
DESIGN NUMBER	269631
CLASS	07-01

1)BRASS LINE., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT SHEHZADA HOUSE, HIMGIRI COLONY, BEHIND CHOUDHRY MARKET, KANTH ROAD, HARTALA, MORADABAD-(U.P.)-244001. WHOSE PARTNERS ARE (1) MR. MOHD ASLAM. (INDIAN NATIONAL),

(2) MR. MOHD WASEEM. (INDIAN NATIONAL), (3) MR. MOHD JAVED (INDIAN NATIONAL), & (4) MR. MOHD NADEEM (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS

DATE OF REGISTRATION	16/02/2015	
TITLE	BOWL	







DESIGN NUMBER			268163	
CLASS	15-06			
1)GROZ- BECKERT KG, OF PARKWEG 2, 72458 ALBSTADT,	, GER	RMANY, A GERM	IAN COMPANY	
DATE OF REGISTRATION		12/12/2014		
TITLE	GU	GUIDE NEEDLE LEAD FOR USE IN KNITTING MACHINES		
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002483362-0008		16/06/2014	OHIM	
DESIGN NUMBER	200627			
CLASS	08-06		Π.	
1) <b>OZONE OVERSEAS LIMITED</b> 3/46A, WEST PUNJABI BAGH, N	EW I	DELHI-110 026, II	NDIA.	
DATE OF REGISTRATION	02/08/2005			

HINGES



## TITLE PRIORITY NA

DESIGN NUMBER	269985
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	02/03/2015	
TITLE	CEILING FAN	



DESIGN NUMBER	267078
CLASS	12-15
1)METRO TYRES LIMITED, A COMPANY INCORPORATED UNDER THE	

COMPANIES ACT, 1956 NATIONALITY: INDIAN COMPANY,

C-49, SECTOR-62, NOIDA-201301, U.P.

DATE OF REGISTRATION	29/10/2014
TITLE	TYRE



#### PRIORITY NA

DESIGN NUMBER	266782
CLASS	10-04

1)ABB TECHNOLOGY LTD., HAVING REGISTERED OFFICE AT AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND, A SWISS COMPANY

DATE OF REGISTRATION	17/10/2014
TITLE	FLOWMETER



## PRIORITY NA

DESIGN NUMBER	268529
CLASS	15-01

1) JASHWANTLAL P. PANCHAL, INDIVIDUAL, AN INDIAN NATIONAL, PROPRIETOR OF PANCHAL MACHINERY, HAVING ITS OFFICE AT 13, AJAY INDUSTRIAL ESTATE, NEAR WATER TANK, DUDHESHWAR ROAD, DUDHESHWAR, AHMEDABAD-380 004, GUJARAT, INDIA.

DATE OF REGISTRATION	31/12/2014	
TITLE	TWIN SHAFT EXTRUDER GEAR BOX	



DESIGN NUMBER	267870
CLASS	07-02

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS

HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION 03/12/2014		03/12/2014
TITLE	INNER POT FOR RICE COOKER	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

16/06/2014

OHIM



DESIGN NUMBER	269343
CLASS	08-06

1)SUMANGAL TECHNOCAST PVT. LTD. (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

AIMS INDUSTRIAL PARK, SURVEY NO. 195/P 66, 80 FEET ROAD, BEHIND GOLDEN IND. AREA, KOTHARIYA, RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	05/02/2015	
TITLE	HANDLE	



#### PRIORITY NA

002482976-0001

DESIGN NUMBER	269646	
CLASS	12-15	

1)CONTINENTAL REIFEN DEUTSCHLAND GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

VAHRENWALDER STR. 9, 30165 HANNOVER, GERMANY

DATE OF REGISTRATION	17/02/2015	
TITLE	TYRE	

## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
839466101	17/09/2014	WIPO



DESIGN NUMBER	262564	
CLASS	26-05	

1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN,

WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	13/05/2014		
TITLE	OLED PANEL		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002346957-0001	18/11/2013	OHIM	





 $41,\,\mathrm{NATIONAL}$  HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	05/03/2015		
TITLE	CHAIR		



#### PRIORITY NA

DESIGN NUMBER	269876	
CLASS	15-07	

## 1)WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY HAVING ITS CORPORATE OFFICE AT

'WHIRLPOOL HOUSE', PLOT NO. 40, SECTOR-44, GURGAON-122002, HARYANA, INDIA

DATE OF REGISTRATION	26/02/2015	
TITLE	REFRIGERATOR CRISPER WITH COVER	



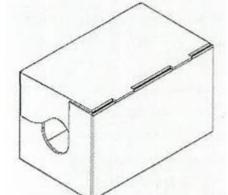
DESIGN NUMBER	263772		
CLASS	12-08		
1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT, GERMAN COMPANY OF PORSCHEPLATZ 1, 70435 STUTTGART, GERMANY			

DATE OF REGISTRATION	01/07/2014	
TITLE	CAR	



PRIORITY NA			
DESIGN NUMBER		264794	
CLASS		12-16	
1)HARLEY-DAVIDSON MOTOR ( 3700 WEST JUNEAU AVENUE, M STATES OF AMERICA, NATIONALI	IILWAUKEE, WISCO		
DATE OF REGISTRATION	14/08/2014		
TITLE	WHEEL OF A MOTORCYCLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/482,276	17/02/2014	U.S.A.	
DESIGN NUMBER	265910		
CLASS		05-05	The The The
1) SIDDHI VINAYAK KNOTS & P UNDER THE PROVSION OF COMPA OFFICE AT A-26, CENTRAL PARK, (	NIES ACT, 1956 HAV	ING ITS REGISTERED	
DATE OF REGISTRATION	24/09/2014		
TITLE	TEXTILE FABRIC		
PRIORITY NA			

DESIGN NUMBER	268539	
CLASS	09-03	
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPO, FINLAND, NATIONALITY: FINLAND		
DAME OF DECICEDAME	21/12/2014	
DATE OF REGISTRATION	31/12/2014	



## PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2499434-0001	09/07/2014	OHIM

DESIGN NUMBER	267766	
CLASS	13-03	
1)M/S CM MODULAD DVT LTD. (A COMPANY INCORDODATED LINDED		

## 1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	27/11/2014
TITLE	SWITCH PLATE



## PRIORITY NA

DESIGN NUMBER	220583	
CLASS	06-11	
1)S.N. KAPOOR EXPORTS, AN INDIAN PARTNERSHIP FIRM OF KHWASJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA)		
ATE OF REGISTRATION 30/12/2008		
TITLE	CARPET	
	-	



	T		
DESIGN NUMBER		265022	
CLASS		05-05	
1) SIDDHI VINAYAK KNOTS & P UNDER THE PROVISION OF COM REGISTERED OFFICE AT 4103, 4TH FLOOR, J. J. A.C. MAR INDIA.	IPANIES ACT, 1956 H	IAVING ITS	
DATE OF REGISTRATION	25	5/08/2014	. 5 Day 6
TITLE	TEXT	TLE FABRIC	<b>《</b> 《 图 图 图 2
PRIORITY NA			**************************************
DESIGN NUMBER		253940	
CLASS		11-02	1
1)EXPORT INTERNATIONAL CORPORATION, MANJU NAGAR, OPP. PRABHAT MARKET, RAMPUR ROAD, MORADABAD-244001, U.P. INDIA  (AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- SH. ABHAYE GUPTA AND SMT. SUNITA GUPTA, AN INDIAN NATIONAL OF THE ABOVE ADDRESS			
DATE OF REGISTRATION	17	7/05/2013	
TITLE	VASE		
PRIORITY NA			
DESIGN NUMBER	269909		
CLASS	SS 12-11		
1)HONDA MOTOR CO., LTD., A J 1-1, MINAMI-AOYAMA 2-CHOM			3
DATE OF REGISTRATION	27/02/2015		
TITLE	MOTOR SCOOTER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-020029	10/09/2014	JAPAN	

DESIGN NUMBER	266770
CLASS	12-15

# 1)BRIDGESTONE CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURES AND MERCHANTS, OF

1-1, KYOBASHI 3-CHOME, CHUO-KU, TOKYO 104-8340, JAPAN

DATE OF REGISTRATION	17/10/2014
TITLE	TIRE



PRIORITY NUMBER	DATE	COUNTRY
JP2014-008638	18/04/2014	JAPAN



DESIGN NUMBER	267827
CLASS	24-02

### 1)HOYA CORPORATION,

7-5 NAKA-OCHIAI 2-CHOME, SHINJUKU-KU, TOKYO 161-8525, JAPAN, NATIONALITY-JAPAN

DATE OF REGISTRATION	28/11/2014
TITLE	ENDOSCOPE SUCTION VALVE

#### **PRIORITY**

INOMII		
PRIORITY NUMBER	DATE	COUNTRY
2014-014334	30/06/2014	JAPAN



DESIGN NUMBER	267504
CLASS	13-03

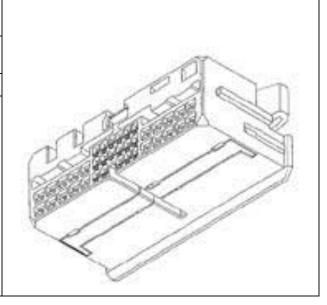
### 1)SUMITOMO WIRING SYSTEMS, LTD.,

1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE-KEN 510-8503, JAPAN, NATIONALITY-JAPAN

DATE OF REGISTRATION	19/11/2014
TITLE	ELECTRICAL CONNECTOR HOUSING

### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
2014-011939	03/06/2014	JAPAN



DESIGN NUMBER	268221
CLASS	12-15

# 1)MUTHUKRISHNAN, SOLE PROPRIETOR/INDIAN NATIONAL, TRADING AS DAFENG AGRO TECHNICS,

NO. 431 T.V. PURAM, PONERI POST & TALUK, TIRUVALLUR DIST-601204, TAMIL NADU

DATE OF REGISTRATION	16/12/2014
TITLE	TYRE



#### PRIORITY NA

DESIGN NUMBER 267405	
CLASS	06-04
1)MR RAVI ITMANI INDIAN NATIONAL WHOSE ADDRESS IS -	

1)MR. RAVI UTMANI, INDIAN NATIONAL, WHOSE ADDRESS IS, -LAXMI IDEAL INTERIORS, PA-012-004, MAHINDRA WORLD CITY-SEZ, HANDICRAFT ZONE, AJMER ROAD, JAIPUR 302037, RAJ

DATE OF REGISTRATION	14/11/2014
TITLE	STORAGE CABINET



PRIORITY NA	
TITLE	ALMIRAH LOCK
DATE OF REGISTRATION 16/02/2015	
1)RUCHIT AGARWAL, AN INDIAN NATIONAL TRADING AS M/S. BE JAY ENTERPRISES, 14/133, NEAR ACHAL TANK, G.T. ROAD, ALIGARH, U.P.	
CLASS	08-07
DESIGN NUMBER	269637



DESIGN NUMBER	200080
CLASS	02-04

### 1)PARAGON RUBBER INDUSTRIES, A PARTNERSHIP FIRM,

CARRYING ON BUSINESS AT 45-A, 2ND PHASE, PEENYA INDUSTRIAL AREA, BANGALORE-560058, KARNATAKA, INDIA.

THE E	DATE OF REGISTRATION	24/06/2005
TILE FOOT WEAR	TITLE	FOOT WEAR



### PRIORITY NA

DESIGN NUMBER	270150
CLASS	06-01

## 1)PRIMA PLASTICS LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

41, NATIONAL HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	05/03/2015
TITLE	CHAIR



### PRIORITY NA

29/482,276

DESIGN NUMBER		264792
CLASS		12-11
1)HARLEY-DAVIDSON MOTOR COMPANY GROUP, LLC, 3700 WEST JUNEAU AVENUE, MILWAUKEE, WISCONSIN 53208, UNITED STATES OF AMERICA, NATIONALITY: U.S.A.		
DATE OF REGISTRATION	14/08/2014	
TITLE	MOTORCYCLE	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

17/02/2014



U.S.A.

DESIGN NUMBER	265807
CLASS	24-04

# 1)3M INNOVATIVE PROPERTIES COMPANY, A COMPANY INCORPORATED IN THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL,

MINNESOTA 55133-3427, U.S.A.,

DATE OF REGISTRATION	17/09/2014
TITLE	DRESSING FOR SECURING ENDOTRACHEAL TUBE



### PRIORITY NA

DESIGN NUMBER	258225
CLASS 12-09	
1)DEERE & COMPANY, A US CORPORATION OF ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098 USA	
DATE OF REGISTRATION	19/11/2013
TITLE	TRACTOR



### PRIORITY NA

DESIGN NUMBER	267235
CLASS	06-01
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD 380007 GUJARAT, HAVING NATIONALITY	

AS INDIAN

DATE OF REGISTRATION 07/11/2014

TITLE STUDY SEAT



CLASS 1)NEW HOLLAND TRACTORS		199433	
		12-09	
50 OKHLA INDUSTRIAL ESTA		020,	
DATE OF REGISTRATION	02	2/05/2005	
TITLE	TI	RACTOR	
PRIORITY NA			
DESIGN NUMBER		269581	
CLASS		07-02	
NAME AND STYLE OF M/S. CEL REGISTERED UNDER THE PRO HAVING OFFICE ADDRESS AT CORPORATE AVENUE, 'B' WI GOREGAON (EAST), MUMBAI-40	<b>VISION OF INDIAN PA</b> NG, CELLO HOUSE, SO	ARTNERSHIP ACT, 19 ONAWALA ROAD,	
DATE OF REGISTRATION	13	3/02/2015	
TITLE	CA	SSEROLE	
PRIORITY NA			
DESIGN NUMBER		200596	
CLASS	09-03		
1)BRISTOL MYERS SQUIBB CO OF LAWRENCEVILLE-PRINCE STATES OF AMERICA	<b>OMPANY,</b> ETON ROAD, PRINCETO	ON. NJ 08543-4000, UN	ITED
DATE OF REGISTRATION	02	2/02/2005	
TITLE	СО	NTAINER	

DESIGN NUMBER		269841		
CLASS		26-06		
1)TATA MOTORS LIMITE BOMBAY HOUSE, 24 HOM MUMBAI 400 001, MAHARAS	IÍ MOD	Y STREET, H		
DATE OF REGISTRATION		25/02	2/2015	9
TITLE	FRC	NT FOG LAM	MP OF A V	'EHICLE
PRIORITY NA				
DESIGN NUMBER			26637	70
CLASS			23-0	1
1)FIMA CARLO FRATTINI VIA BORGOMANERO, 10: NATIONALITY: ITALY				
DATE OF REGISTRATION		30/09/2014		
TITLE		TAP HANDLE		
PRIORITY				
PRIORITY NUMBER		DATE COUNTRY		
002439539-0001		03/04/2014 OHIM		
DESIGN NUMBER		267130		
CLASS		24-02		
1)KABUSHIKI KAISHA TO 1-1, SHIBAURA 1-CHOME				
DATE OF REGISTRATION		31/10/2014		
TITLE		PAD OF A BIOMEDICAL SIGNAL RECORDER		
PRIORITY		1		
PRIORITY NUMBER		DATE	CC	UNTRY

JAPAN

13/05/2014

2014-010184

DESIGN NUMBER	266751
CLASS	23-01

### 1) ANAND KUMAR JAIN, INDIAN NATIONAL OF

A WING, 2ND FLOOR, MHATRE PEN BUILDING, SENAPATI BAPAT MARG, DADAR (W), MUMBAI-400028, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	16/10/2014	
TITLE	LPG REGULATOR	



#### PRIORITY NA

DESIGN NUMBER	266851
CLASS	12-15

# 1)BRIDGESTONE CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURES AND MERCHANTS, OF

1-1, KYOBASHI 3-CHOME, CHUO-KU, TOKYO 104-8340, JAPAN

DATE OF REGISTRATION		21/10/2014		
TITLE		TIR	Е	
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
JP2014-008912		23/04/2014	JAPAN	



DESIGN NUMBER	269628	
CLASS	09-08	
1)B. D. INDUSTRIES (A PARTNERSHIP FIRM),		

5 RAJ RAJESHWARI ROAD OPP. NAVAL STORES MAIN GATE, L.B.S. MARG GHATKOPAR (W) MUMBAI-400086. AN INDIAN NATIONAL

DATE OF REGISTRATION	16/02/2015
TITLE	PALLET FOR FORKLIFTS
PRIORITY NA	



DESIGN NUMBER		200625	
CLASS	08-06		
1)OZONE OVERSEAS LIMITED 3/46A, WEST PUNJABI BAGH, N		NDIA.	
DATE OF REGISTRATION	0:	2/08/2005	
TITLE	]	HINGES	
PRIORITY NA			
DESIGN NUMBER		265809	
CLASS		24-04	
1)3M INNOVATIVE PROPERTII IN THE STATE OF DELAWARE ( MINNESOTA 55133-3427, U.S.A	D		
DATE OF REGISTRATION	1	7/09/2014	The state of the s
TITLE	DRESSING FOR SEC	CURING ENDOTRACHEA TUBE	AL
PRIORITY NA			
DESIGN NUMBER		266371	
CLASS		23-01	
1)FIMA CARLO FRATTINI S.P.A VIA BORGOMANERO, 105, 280 NATIONALITY: ITALY		(NOVARA)-ITALY,	
DATE OF REGISTRATION	30/09/2014		
TITLE	TAP HANDLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002439539-0002	03/04/2014 OHIM		

DESIGN NUMBER	266752
CLASS	23-01

### 1) ANAND KUMAR JAIN, INDIAN NATIONAL OF

A WING, 2ND FLOOR, MHATRE PEN BUILDING, SENAPATI BAPAT MARG, DADAR (W), MUMBAI-400028, MAHARASHTRA, INDIA

DATE OF REGISTRATION	16/10/2014	
TITLE	LPG REGULATOR	



### PRIORITY NA

DESIGN NUMBER	269630
CLASS	07-01

1)BRASS LINE., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT SHEHZADA HOUSE, HIMGIRI COLONY, BEHIND CHOUDHRY MARKET, KANTH ROAD, HARTALA, MORADABAD-(U.P.)-244001. WHOSE PARTNERS ARE (1) MR. MOHD ASLAM. (INDIAN NATIONAL),

(2) MR. MOHD WASEEM. (INDIAN NATIONAL), (3) MR. MOHD JAVED (INDIAN NATIONAL), & (4) MR. MOHD NADEEM (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS

DATE OF REGISTRATION	16/02/2015	
TITLE	DINNER PLATE	



DESIGN NUMBER	268162		
CLASS	15-06		
1)GROZ- BECKERT KG, OF PARKWEG 2, 72458 ALBSTADT, GERMANY, A GERMAN COMPANY			
DATE OF REGISTRATION	12/12/2014		
TITLE GUIDE NEEDLE LEAD FOR USE IN KNITTING MACHINES			



PRIORITY NUMBER	DATE	COUNTRY
002483362-0007	16/06/2014	OHIM



DESIGN NUMBER	200626	
CLASS	08-06	
1)OZONE OVERSEAS LIMITED 3/46A, WEST PUNJABI BAGH, N	EW DELHI-110026, INDIA.	0 0
DATE OF REGISTRATION	02/08/2005	
TITLE	HINGES	
PRIORITY NA		
DESIGN NUMBER	267080	
CLASS	12-15	
1)OZONE OVERSEAS LIMITED 3/46 A, WEST PUNJABI BAGH, N	IEW DELHI. 110 026. INDIA	
DATE OF REGISTRATION	29/10/2014	
TITLE	TYRE	WE .
PRIORITY NA		
DESIGN NUMBER	266787	
CLASS	15-03	College   Park   Park
1)DAEDONG INDUSTRIAL CO., I 35, NONGONGJUNGANG-RO 34- 711-852, REPUBLIC OF KOREA, NA	GIL, NOOGONG-EUP, DALSUNG-GUN, DAEGU	100
DATE OF REGISTRATION	17/10/2014	
THE E	HOOD FOR RICE DI ANTENIGAMA CHINTE	
TITLE	HOOD FOR RICE-PLANTING MACHINE	

COUNTRY

REPUBLIC OF KOREA

DATE

18/04/2014

PRIORITY

PRIORITY NUMBER

30-2014-0019852

DESIGN NUMBER	269075
CLASS	06-02

1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF GODREJ INTERIO, PLANT 4, PIROJSHANAGAR, VIKHROLI

(WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	27/01/2015
TITLE	BED



### PRIORITY NA

DESIGN NUMBER	267515
CLASS	07-02
1)GURVIN SINGH, #2164, SECTOR 71, MONALI (INI	DIA),
DATE OF REGISTRATION	19/11/2014

COOKING APPLIANCES



PRIORITY NA

TITLE

DESIGN NUMBER	267873
CLASS	12-15

1)BRIDGESTONE CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURES AND MERCHANTS, OF

1-1, KYOBASHI 3-CHOME, CHUO-KU, TOKYO 104-8340, JAPAN

DATE OF DECISTRATION	03/12/2014
DATE OF REGISTRATION	03/12/2014
TITLE	TIRE TREAD



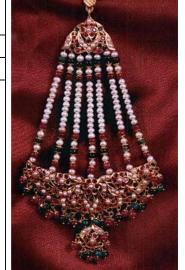
### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
JP2014-012937	16/06/2014	JAPAN

TITLE	JE	EWELLERY	22000
DATE OF REGISTRATION		14/11/2014	
1) <b>RISHI VERMA; AN INDIAN NA</b> 6352/2, ALEXANDRA ROAD, AM			
CLASS		11-01	
DESIGN NUMBER		267412	
002483990-0001	17/06/2014	OHIM	
PRIORITY NUMBER	DATE	COUNTRY	100
PRIORITY			
TITLE	HANDHELD F	RESPIRATORY DEVICE	
DATE OF REGISTRATION		16/12/2014	0
UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFFI HIGH TECH CAMPUS 5, 5656 AE	CE ADDRESS IS	,	
1)KONINKLIJKE PHILIPS N.V., A	A COMPANY ORGA	ANIZED AND EXISTING	(1)
CLASS		24-01	579-301
DESIGN NUMBER		268232	



DESIGN NUMBER



CLASS	20-03		
1)BEHR PROCESS CORPORATION ADDRESS 3400 W. SEGERSTROM AVENUE	•	,	
DATE OF REGISTRATION	10/06/2014		
TITLE	COLOUR CARDS ASSEMBLY		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/476,927	18/12/2013	U.S.A.	



263224

DESIGN NUMBER	268989
CLASS	12-16

## 1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF

300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN

DATE OF REGISTRATION	21/01/2015
TITLE	REAR BUMPER FOR VEHICLE



PRIORITY NUMBER	DATE	COUNTRY
2014-018411	25/08/2014	JAPAN



DESIGN NUMBER	267826
CLASS	24-02

### 1)HOYA CORPORATION,

7-5 NAKA-OCHIAI 2-CHOME, SHINJUKU-KU, TOKYO 161-8525, JAPAN, NATIONALITY-JAPAN

DATE OF REGISTRATION	28/11/2014
TITLE	ENDOSCOPE PROCESSOR

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
2014-014332	30/06/2014	JAPAN



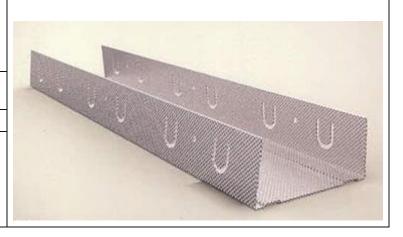
DESIGN NUMBER	268220
CLASS	25-01

### 1)SAINT GOBAIN INDIA LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING PLACE OF BUSINESS AT

05TH LEVEL, LEELA BUSINESS PARK, ANDHERI-KURLA ROAD, ANDHERI EAST, MUMBAI 400059

DATE OF REGISTRATION	16/12/2014	
TITLE	FLOOR & CEILING CHANNEL	





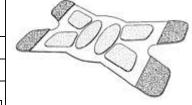
DESIGN NUMBER	267491
CLASS	24-04

## 1)PFIZER INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF

 $235\ EAST\ 42ND\ STREET,$  NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA

DATE OF REGISTRATION	18/11/2014		
TITLE	ADHESIVE HEAT PATCH		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
29/492,857		03/06/2014	U.S.A.

262992

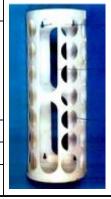


# CLASS 07-99 1)FAIR PLASTICS., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT 1922). AT EPHIMATHALA P.O. 4TH MH F. ALLIYA 622 112

1)FAIR PLASTICS., (A PARTNERSHIP FIRM REGISTERED UNDER INDIAN PARTNERSHIP ACT, 1932), AT ERUMATHALA P.O. 4TH MILE, ALUVA-683 112, KERALA.

WHOSE PARTNERS ARE (1) PANTHAKADA AHAMED YOUSUF. (INDIAN NATIONAL), & (2) MOHAMMED ALI. (INDIAN NATIONAL), ALL ARE HAVING ABOVE ADDRESS.

DATE OF REGISTRATION	30/05/2014
TITLE	STAND USED FOR KITCHEN



#### PRIORITY NA

**DESIGN NUMBER** 

DESIGN NUMBER	270149
CLASS	06-01

## 1)PRIMA PLASTICS LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

41, NATIONAL HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	05/03/2015
TITLE	CHAIR



DESIGN NUMBER	269863
CLASS	12-16

## 1)DEERE & COMPANY, A US CORPORATION OF

ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098 USA

DATE OF REGISTRATION	25/02/2015
TITLE	HOOD FOR A VEHICLE



#### PRIORITY NA

DESIGN NUMBER	269988
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	02/03/2015
TITLE	CEILING FAN



DESIGN NUMBER	263705	
CLASS	12-16	
1)MAHINDRA & MAHINDRA LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 WHOSE ADDRESS IS GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400 001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	26/06/2014	
TITLE	CHASSIS	
PRIORITY NA		



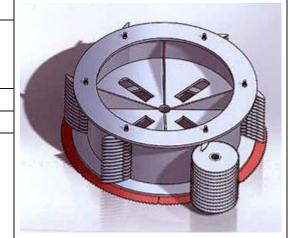
DESIGN NUMBER		265888	
CLASS		05-05	
1) SIDDHI VINAYAK KNOTS & UNDER THE PROVSION OF COMP OFFICE AT A-26, CENTRAL PARK	PANIES ACT, 1956 HAV	COMPANY REGISTERI ING ITS REGISTERED	(457) (592) 51 (1935) A
DATE OF REGISTRATION	24	4/09/2014	(中) 美以上() 中 (A)
TITLE	TEXT	TILE FABRIC	NO SERVICE
PRIORITY NA			
DESIGN NUMBER		266373	
CLASS		13-03	Ø <sub>0</sub>
1)RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROAD WASHINGTON 99216 U.S.A., NATI		P, SPOKANE VALLEY	
DATE OF REGISTRATION	30	0/09/2014	18 9 4
TITLE	PLASTER RING FO	OR ELECTRICAL OUTL BOX	ET
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/486,883	03/04/2014	U.S.A.	~3
DESIGN NUMBER		266429	
CLASS		08-07	
1)SUGATSUNE KOGYO CO., LT 1-8-11, HIGASHIKANDA, CHIY COMPANY DULY ORGANIZED UN	ODA-KU, TOKYO, JAP		000
DATE OF REGISTRATION	0.	7/10/2014	200
TITLE	DOC	OR CLOSER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	( ) "   ( )
2014-007707	08/04/2014	JAPAN	The state of the s
	· · · · · · · · · · · · · · · · · · ·		

DESIGN NUMBER	269635
CLASS	15-03

# 1)BHOGALS PVT. LIMITED, 1104, G.T. ROAD, DHANDARI KALAN, LUDHIANA-141010 (PUNJAB) INDIA

(AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS

DATE OF REGISTRATION	16/02/2015
TITLE	STRAW SHAVER AND SHREDDER



#### PRIORITY NA

DESIGN NUMBER	270148
CLASS	06-01

## 1)PRIMA PLASTICS LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

41, NATIONAL HOUSE, SAKI - VIHAR ROAD, POWAI, ANDHERI (E), MUMBAI - 400072

DATE OF REGISTRATION	05/03/2015
TITLE	CHAIR



### PRIORITY NA

DESIGN NUMBER	269986
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	02/03/2015	
TITLE	CEILING FAN	



DESIGN NUMBER CLASS		264677 15-07	
1)LG ELECTRONICS IN 20, YEOUIDO-DONG, YOF KOREA		DEUNGPO-GU, SEOUL 150- 721, REPUBLIC	
DATE OF REGISTRATION		11/08/2014	
TITLE		EGG BASKET FOR REFRIGERATOR	
PRIORITY NA			