# पेटेंट कार्यालय शासकीय जर्नल

# OFFICIAL JOURNAL OF THE PATENT OFFICE

निर्गमन सं. 37/2015 ISSUE NO. 37/2015

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DATE: 11/09/2015

### 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

11<sup>th</sup> SEPTEMBER, 2015

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# THE PATENT OFFICE KOLKATA, 11/09/2015

### **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:-

Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M.Road, Antop Hill, Mumbai - 400 037  Phone: (91)(22) 24123311, Fax: (91)(22) 24123322 E-mail: cgpdtm@nic.in  The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M.Road, Antop Hill, Mumbai - 400 037  The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M.Road, Antop Hill, Mumbai - 400 037 Fax: (91)(22) 2413701 Fax: (91)(22) 2413701 Fax: (91)(22) 24137087 E-mail: numbai-patent@nic.in  The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli  The Patent Office, 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	1	Office of the Controller General of Patents,	4	
Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037  Phone: (91)(22) 24123311, Fax: (91)(22) 24123322 E-mail: cgpdtm@nic.in  The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037  Phone: (91)(22) 2413322  The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in  The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli  The Patent Office, 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	1	·	4	
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Mumbai - 400 037  Phone: (91)(22) 24123311, Fax: (91)(22) 24123322 E-mail: cgpdtm@nic.in  The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in  The States of Ondirat, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli  The Patent Office, 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				1 1 0
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Fax: (91)(22) 24123322 E-mail: cgpdtm@nic.in  Fax: (91)(22) 24123322 E-mail: cgpdtm@nic.in  The States of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.  The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in  The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli  The Patent Office (Head Office), 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		Mumbai – 400 037		Chennai – 600 032.
Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in * The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli  3 The Patent Office, 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		Fax: (91)(22) 24123322		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
Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in  The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli  The Patent Office, 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	2	Government of India,	5	
Mumbai - 400 037     Phone: (91)(22) 24137701     Fax: (91)(22) 24130387     E-mail: mumbai-patent@nic.in     ★ The States of Gujarat, Maharashtra, Madhya     Pradesh, Goa and Chhattisgarh and the Union     Territories of Daman and Diu & Dadra and Nagar     Haveli  3 The Patent Office,     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		Boudhik Sampada Bhavan,		
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Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in  ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli   The Patent Office, 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		Mumbai – 400 037		CP-2, Sector -V, Salt Lake City,
E-mail: mumbai-patent@nic.in  The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli  The Patent Office, 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		Phone: (91)(22) 24137701		Kolkata- 700 091
<ul> <li>★ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; Dadra and Nagar Haveli</li> <li>The Patent Office, 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 &amp; 2808 1940</li> <li>Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</li> <li>★ Rest of India</li> </ul>		Fax: (91)(22) 24130387		
<ul> <li>★ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; Dadra and Nagar Haveli</li> <li>The Patent Office, 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 &amp; 2808 1940</li> <li>Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</li> <li>★ Rest of India</li> </ul>		E-mail: <u>mumbai-patent@nic.in</u>		Phone: (91)(33) 2367 1943/44/45/46/87
Territories of Daman and Diu & Dadra and Nagar Haveli  The Patent Office, 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		The States of Gujarat, Maharashtra, Madhya		
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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	3	The Patent Office,		
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Plot No. 32., Sector-14, Dwarka, New Delhi - 110075 Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940		Boudhik Sampada Bhavan,		
Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940		Plot No. 32., Sector-14, Dwarka,		
Fax: (91)(11) 2808 1920 & 2808 1940		New Delhi - 110075		
Fax: (91)(11) 2808 1920 & 2808 1940		Phone: (91)(11) 2808 1921 - 25		
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E.mail: <u>delhi-patent@nic.in</u>		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 11/09/2015

### • 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		फ़ैक्स: (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.
	फ़ैक्स: (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		
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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.

### **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.1789/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/06/2015 (43) Publication Date : 11/09/2015

(54) Title of the invention : TILE (EPOXY RESIN)

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C04B41/48, C04B41/83 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)JAYANT SINGH NEGI Address of Applicant: 170, GANGA NAGAR HOUSING SOCIETY NAWAB GANJ, KANPUR, U.P. Uttar Pradesh India (72)Name of Inventor:  1)JAYANT SINGH NEGI
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<sup>(57)</sup> Abstract:

This design was used in making design on cloth. Now for the first time this design has been converted into tile and by arranging the tiles together on the wall it will appear like a cloth design. No tile has been made in a design like this in epoxy resin till date which by arranging on a wall would appear like a cloth design.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2994/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 11/09/2015

(54) Title of the invention: LAXZMI-2

(51) International classification	:B60L11/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NANDAN GAUTAM
(32) Priority Date	:NA	Address of Applicant :D-29, MCD FLATS, BUNGLOW
(33) Name of priority country	:NA	ROAD, KAMLA NAGAR, DELHI. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NANDAN GAUTAM
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

LAXZMI-2 is the most eco friendly and economic way of producing electricity. Its applications are wide but it was designed by keeping in mind that it can generate electricity in remote or rural areas where electricity transmission is hard to achieve and some times is very costly for the people using it, it is hard to put a plant. It was designed specially for INDIAN ARMY AND ITS ARMED FORCES . Areas like siachin ,LAC, LOC. It is not economic to have generators workin on INTERNAL COMBUSTION ENGINES, to reduce that fact it was thought that there should be a source of power which can produce enough motion to rotate a shaft of generator without any fatigue. The major advantages of LAXZMI-2 are listed below and they chosen on the capability of this device. Eco friendly Works without any fatigue Once in working condition the whole maintenance requires some engine oil for lubrication of shafts Can be installed anywhere Less noisy Does not produce any radiations Specially made for armed forces One of a kind Highly economic The applications Inpowerplants Submarines Frigates Spacecrafts DOMESTIC USES This project if made precisely will hold the key to make India a developed country.

No. of Pages: 5 No. of Claims: 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4042/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/12/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: SYSTEM AND METHOD FOR FOOD COURT OPERATION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:G06Q10/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)Mugizhnan Sambandhamoorthy Address of Applicant: 904, Tower 24, Orchid Petals, Sohna Road, Gurgaon 122001 Haryana, India Haryana India (72)Name of Inventor:
Filing Date	:NA	1)Mugizhnan Sambandhamoorthy
(87) International Publication No	: NA	·
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A system for food ordering in a food court environment, having at least one outlet is provided. The system includes at least one ordering device adapted to execute an application for food ordering to be accessed by a user, a central system communicably connected with the ordering device and one or more outlet computers, the central system comprising an ordering module adapted to process one or more orders placed by the user by segregating the one or more orders and directing an order list to the at least one outlet based on a food item served by the outlet, a processing module adapted to generate a trigger on the ordering device indicating availability of the ordered food item, an authentication module adapted to authenticate the user ordering the food item and a tracking module adapted to track a geographical location of the user placing the order and determine a proximity of the user with the food court environment.

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

(22) Date of filing of Application :09/06/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR ENHANCING BIOMETHANATION BY THERMOPHILIC AEROBIC DIGESTION OF COMBINED VEGETABLE WASTE

(51) International classification	:C02F 3/00, C05F 1/PROF. VIKRAM S.GHOLE Address of Applicant :1097/2A, SHIV APARTMENT, MODEL COLONY, PUNE, 411016, INDIA Maharashtra India
(31) Priority Document No	:NA 2)ASHWINI JAGDISH KAMBLE
(32) Priority Date	:NA (72)Name of Inventor :
(33) Name of priority country	:NA 1)PROF. VIKRAM S.GHOLE
(86) International Application No	:NA 2)ASHWINI JAGDISH KAMBALE
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

### (57) Abstract:

Disclosed is a method for enhancing biomethanation by thermophilic aerobic digestion of combined vegetable waste followed by mesophilic digester for biogas production. The method uses a controlled aeration in thermophilic acidogenic digester (stage I) by which maximum formation of VFA achieved because of rapid growth and increased population of bacteria. The present invention can utilized variety of biodegradable as well as any cellulosic material such as cow dung, vegetable waste, agricultural waste, kitchen waste, effluent of industries like fermentation industry, paper mill waste and the like. Reinjection of outgoing slurry into the mesophillic digester reduces hydraulic retention time (HRT).

No. of Pages: 17 No. of Claims: 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2700/MUM/2015 A

(19) INDIA

(22) Date of filing of Application: 17/07/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: IMPROVED CHARGER

<ul> <li>(51) International classification</li> <li>(31) 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>	:H05K 7/00 :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  2)Bhairawakar Kshitij Pradeepkumar (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)Bhairawakar Kshitij Pradeepkumar

### (57) Abstract:

An improved charger comprises: Transformer used to convert the high volt ac to low volt ac voltage or desired voltage, rectifier for converting bi-directional ac to uni-directional dc, filter to filter out or remove ac component which is present in the output of the rectifier, voltage regulator to main the required dc voltage even change in input, then microcontroller which is the backbone of said improved charger. It gives a continuous monitoring on the battery level whether battery is fully charged or not and whether call is received during the charging, if both conditions are true, the charging turns off by grounding all the current by microcontroller. There is a voltage and current amplifier to make microcontroller output desired as microcontroller output is very small. The charging is continued till battery is fully charged. Once battery is fully charged, the charging is turned off by grounding the current which is done by microcontroller on getting feedback. If charger is still plugged in, as soon as battery level falls down it will again fully charge the battery and on full charging, charging is turned off. This cycle continues till charger is not plug out from mains or till mobile is not detached from charger.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2701/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :17/07/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: IMPROVED SAFE DRIVING FACILITY FOR THE VEHICLES.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B64F 1/36 :NA :NA	(71)Name of Applicant:  1)Sneha Ashok Nagarkar Address of Applicant:SNEHANKIT, S NO 125,SWAMI VIVEKANAND PARK, AHERNAGAR, CHINCHWADGAON,
(33) Name of priority country	:NA	PUNE-411033 Maharashtra India
(86) International Application No Filing Date	:NA :NA	2)Sagar Tanaji Londhe (72)Name of Inventor :
(87) International Publication No	: NA	1)Sagar Tanaji Londhe
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Due to packed window glasses, loud music system and loud firing of vehicles, the driver  $can^{TM}t$  hear the horns of surrounding vehicles or the vehicles which are at turn which may results in sever accidents. By providing sound recognition sensors with noise filter outside the vehicles which sense only the horn of surrounding vehicles and transfer it to the controller. Controller processes the sound signals from sensors and sends it to the headphones. Headphones are provided to the driver and they produce 3D sound effect. Therefore, the driver can easily detect from which direction horn is heard and can control the vehicle as per the situation There is also provided a small indicator in front of driver which blinks when horn is sensed by sensors.

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

(22) Date of filing of Application :14/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MEMORY DEVICE WITH NON-VOLATILE MEMORY ARRAY INCLUDING ONE FINFET ONE MEMRISTOR (1F1M)

		(71)Name of Applicant:
	****	1)Ms. Shalini Singh
(51) International classification	:H04W	I I
	88/04	Communication Engineering, ITM University,NH-75 Jhansi
(31) Priority Document No	:NA	Bypass Road, Turari, Gwalior, M. P. 474001, India Madhya
(32) Priority Date	:NA	Pradesh India
(33) Name of priority country	:NA	2)Mr. Varun Sable
(86) International Application No	:NA	3)Mr. Vijay Singh Baghel
Filing Date	:NA	4)Mr. Vishwas Mishra
(87) International Publication No	: NA	5)Shyam Akashe
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Ms. Shalini Singh
(62) Divisional to Application Number	:NA	2)Mr. Varun Sable
Filing Date	:NA	3)Mr. Vijay Singh Baghel
		4)Mr. Vishwas Mishra
		5)Shyam Akashe

### (57) Abstract:

One FinFET One Memristor i.e.1F1M is memory element that is used to store not only binary values but also decimal numbers with multiple bits. This is a novel approach of forming high density array that can be used for storing information from small gadgets mobile, internal storage, hard disks to large like satellite, radars and various military applications. Improvement in computer competence in the last few years had been closely associated with reduction of CMOS technology. Electrical interconnect has become both a performance barrier and one of the major source of power dissipation that is recently the most significant factor which act as a major barrier for technology growth. The main motives of designing 1F1M memory element is to create very high density storing device with very low power consumption, low leakage and very less delay in accessing data. Additionally these 1F1M devices are CMOS compatible also. So if needed, they can be employed with CMOS technology also.

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

(22) Date of filing of Application :10/04/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: BELT DRIVEN CONTINOUS VARIABLE TRANSMISSION SYSTEM FOR HYBRID 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> </ul>	:B60K 5/12 :NA
(86) International Application No Filing Date	:NA 1)ATUL RANADE :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 belt-driven continuous variable transmission system for hybrid vehicles is disclosed. The continuous variable transmission system comprises a belt-type continuously variable transmission 120 for receiving torque from more than one power sources 106 & 108 by means of a plurality of pulley sets. The pulley sets are operatively connected by means of a belt extending over width-variable grooves defined between halves of the pulley sets. The belt is held in position by means of belt tightener. An auxiliary power source 126 is provided for transmitting additional torque to the drive wheels 102. The transmission system is suitable for all kinds of hybrid vehicles, enabling simultaneous independent operation of the internal combustion engine 106 and the electric motors 108 & 126, thereby giving improved performance and fuel efficiency.

No. of Pages: 32 No. of Claims: 17

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

### (54) Title of the invention: SELF CLEANING FILTER ASSEMBLY FOR AIR HANDLING 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>	47/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)GUPTA Ashok Krishnamurarilal Address of Applicant: D-102 Dhananjay Towers Opposite Shyamal 3, 100 feet road, Satellite, Ahmedabad Gujarat India 2)GUPTA Neena Ashok 3)GUPTA Parul Ashok
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	<ul> <li>(72)Name of Inventor:</li> <li>1)GUPTA Ashok Krishnamurarilal</li> <li>2)GUPTA Neena Ashok</li> <li>3)GUPTA Parul Ashok</li> </ul>

### (57) Abstract:

Disclosed is an automated cleaning filter assembly for air handling unit. The automated cleaning filter assembly comprising: a rotatable cylindrical filter, the cylindrical filter comprises an outer periphery and inner periphery; a drive mechanism to provide rotating movement to the cylindrical filter; a blower assembly; a suction unit; a contaminant collecting unit; wherein the cylindrical filter is configured to allow movement of the contaminated air from the outer periphery to inner periphery of cylindrical filter so that contaminant particles present in the contaminated air get arrested at the outer periphery and filtered air comes out from the inner periphery of the cylindrical filter, the cylindrical filter is configured to rotate at speed of 20 to 27 revolutions per hour through the drive mechanism, the blower assembly is configured to bombard atmospheric fresh air on the inner periphery of cylindrical filter being coming in vicinity of the blower assembly due to rotation of the cylindrical filter so that the bombarded air moves with pressure from inner periphery to outer periphery of cylindrical filter to push the contaminant particles out of the outer periphery of cylindrical filter, the suction unit is configured to suck the contaminant particles being coming out of the outer periphery of cylindrical filter, and the contaminant collecting unit is configured to collect the contaminant particles sucked by the suction unit. (Fig. 1)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3099/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :15/08/2015 (43) Publication Date : 11/09/2015

(54) Title of the invention: A NOVEL CONCEPT FOR PROVIDING EARLY OR ANTICIPATORY INDICATION AND / OR WARNING, TO THE DRIVER OF AN AUTOMOBILE AND THE VEHICLE (S) WHICH ARE FOLLOWING CLOSE BEHIND (TRAVELLING IN SAME DIRECTION), FOR AVOIDING POSSIBILITY OF COLLISION IN SITUATIONS ARISING DUE TO SUDDEN BRAKING OR SLOWING DOWN OF THE LEADING VEHICLE (S) OR VEHICLE(S) IN FRONT.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:B60R 21/213 :NA :NA :NA	(71)Name of Applicant:  1)Abhijit Arvind Athawale Address of Applicant:Flat no 503, Silver Oak Hsg Society, Behind New India School, Right bhusari Colony, Off Paud Road, Kothrud, Pune Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Abhijit Arvind Athawale
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to a simple concept which can prove very useful in congested traffic situations, bumper to bumper traffic in majority of cities and also on Highways wherein the traffic density is comparatively higher. The subject vehicle is equipped with a proximity sensor (In the front side of vehicle) a data processing & control unit (hereafter called as DPCU) based on microcontroller. DPCU is also connected to an audible and/or visible warning system located suitably inside the subject vehicle so that driver can see or hear the warning and/or an audible and/or visual warning system located at the rear side of Subject Vehicle • suitably so that the drivers of the vehicle(s) following the Subject Vehicle • in traffic can see and/ or hear the warning being communicated from DPCU. The warning signal is communicated by DPCU when the vehicle(s) leading the subject vehicle in same direction of travel brakes abruptly or slows down due to traffic conditions. The sensors sense the vehicle proximity in front and the DPCU calculates the rate of change in distance between two vehicles. Based the algorithms programmed in DPCU it initiates the warning signal which alerts the drivers in advance. Based on these warnings the vehicles may be slowed down or appropriate actions can be taken by the drivers of vehicle(s)

No. of Pages: 6 No. of Claims: 4

(22) Date of filing of Application :05/02/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: A COW URINE BIOTRANSFORMED PRODUCT AND PROCESS FOR PREPARING THE SAME

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61K 31/167 :NA	(71)Name of Applicant:  1)MURKUTE ASHLESH V. Address of Applicant:H.NO.200, C/O DR. V.R.MURKUTE,
(32) Priority Date	:NA	NEAR SMALL AYACHIT MANDIR, BADKAS CHOWK,
(33) Name of priority country	:NA	MAHAL, NAGPUR-440032, MAHARASHTRA, INDIA.
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	2)DR. ITANKAR PRAKASH R.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MURKUTE ASHLESH V.
Filing Date	:NA	2)DR. ITANKAR PRAKASH R.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention provides a process for the preparation of cow urine biotransformed product; said process comprising providing a plant material such as Nicotianata baccum leaves, Calendulla officinalis flower, Hibiscus rosasinensis flowers, and Embellica oficinalis fiuits; partly drying said material; macerating said material in cow urine for a time period of 20 to 30 days to obtain a biotransformed extract; and harvesting said extract followed by lyophilization to obtain powdered cow urine biotransformed product. The present invention also provides abiotransformed product comprising at least one . cow. urine macerated plant material selected from the group consisting of Nicotiana tabaccumleaves, Calendulla officinalis flower, Hibiscus rosasinensisflowers, and Embellica oficirzalis fruits which is effective in the treatment and/ or prevention of at least one condition selected from the group consisting of hair fall, dandruff and alopecia.

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

(22) Date of filing of Application :18/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : HEPARIN EMBEDDED CELLULOSE ACETATE PHTHALATE CORE/CORONA NANOPARTICLES OF 5-FLUOROURACIL FOR TARGETED DELIVERY TO LUNG CANCER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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 48/00 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Dr. Awesh Kumar Yadav Address of Applicant: Associate Professor, Guru Ramdas Khalsa Institute Science and Technology, Pharmacy, Barela, Jabalpur, MP, India Pincode 483001. Madhya Pradesh India 2)Dr. Gopal Rai 3)Dr. Santram Lodhi 4)Mr. Ashish Garg 5)Dr. Alok Pal Jain (72)Name of Inventor: 1)Dr. Awesh Kumar Yadav 2)Dr. Gopal Rai 3)Dr. Santram Lodhi 4)Mr. Ashish Garg 5)Dr. Alok Pal Jain
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### (57) Abstract:

The present invention relates to a method for targeted effectively delivering an anticancer drug (i.e. 5-FU) into cancer cells by encapsulated the anticancer drug to heparin anchored cellulose acetate phthalate (HEC) nanoparticles. HEC nanoparticles according to the present invention, HEC nanoparticles were selectively deliver 5-FU to lung cancer as heparin and other related compounds have been proved to modulate the activity of Tumor Necrosis Factor and NF-B, which are involved in apoptotic cell death and heparin as ligands for Anaplastic Lymphoma Kinase (ALK). HEC nanoparticles can also allow for controlled and/or sustained release of 5-FU in vivo.

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

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: UNIVERSAL TENSILE AND SHEAR TEST FIXTURES FOR BOLTS

		(71)Name of Applicant :
(51) International classification	:G01N3/04	1)AIRCRAFT UPGRADE RESEARCH & DESIGN
(31) Priority Document No	:NA	CENTRE (AURDC), HINDUSTAN AERONAUTICS
(32) Priority Date	:NA	LIMITED, NASIK DIVISION
(33) Name of priority country	:NA	Address of Applicant :HINDUSTAN AERONAUTICS
(86) International Application No	:NA	LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST
Filing Date	:NA	OFFICE, OJHAR(MIG), NASIK-422207 MAHARASHTRA,
(87) International Publication No	: NA	INDIA Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)POONAM SHRIVASTAV DGM (D-INDG)
(62) Divisional to Application Number	:NA	2)A B BHANDAKKAR SR. MANAGER (LAB)
Filing Date	:NA	3)S R MUKUNDE SR. MANAGER (LAB)
		4)S P NIKAM, ASO ASSTT. SC. OFFICER

#### (57) Abstract:

In one of the applications during carrying out of tensile test of bolts alignment issues were observed, also the time required to carry out the test was very high as the alignment of top and bottom fixture was required. Hence necessity was felt to device a permanent solution to address the alignment issue and reduce the time required for testing of bolts for tensile & shear test. A new scheme for tensile fixture was evolved by designing and fabrication of Tensile fixture assembly for testing of bolts for tensile. In the new scheme top and bottom fixture are designed and adaptor flange was designed as a part of the testing setup which could be changed as per the required size of the bolt. A new scheme for Shear fixture was evolved by designing and fabrication of Shear fixture assembly for testing of bolts for Shear test. The bolt shank portion is inserted in all the three flanges as a part of the testing setup which could be changed as per the required size of the bolt for which Shear test is to be carried out. After the modification, trial was carried out with new method suggested and the results were found satisfactory & consistent. These new modified fixtures were implemented on Universal Testing Machine.

No. of Pages: 8 No. of Claims: 2

(22) Date of filing of Application: 19/08/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention : MICRO NANO WIND POWER GENERATION WHICH OPERATES ON ARTIFICIAL AND NATURAL WIND

(51) International classification		(71)Name of Applicant:
()	31/054	
(31) Priority Document No	:NA	Address of Applicant :SHALIWAN TAILORS, ANAND
(32) Priority Date	:NA	NAGAR, S. T. ROAD, CHEMBUR, MUMBAI-400 071,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. ANIL GULAB SHINDE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This power generation consist of micro/nano generator with aero dynamic turbines. The present invention relates to a method to extract power from the artificial wind created by moving objects (examples different vehicles buses, car, two wheelers, three wheeler, aerop!ane etc.) that wind can be use for power extraction at that object itself & area from where it passes (highways, railways tracks, airport, etc.). Also we can use neglected those places which has potentials of producing abundant amount of electricity(Towers, bridges, mountains like Himalaya) This power generation system can be use over and around the body of different e-vehicles, no need to stop for charging/it will get charge with speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3145/MUM/2015 A

(19) INDIA

(22) Date of filing of Application: 19/08/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: WIND POWER GENERATION WHICH WORKS ON SELF INDUCED WIND.

(51) International classification	:H01F 27/42	(71)Name of Applicant: 1)DR. ANIL GULAB SHINDE
(31) Priority Document No	:NA	Address of Applicant :SHALIWAN TAILORS, ANAND
(32) Priority Date	:NA	NAGAR, S. T. ROAD, CHEMBUR, MUMBAI-400 071,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. ANIL GULAB SHINDE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

These device which once rotated will rotates its all generators turbines(all generators are connected in series, positive and negative electrodes are diverted towards main axis around which whole device revolves and connected with electrodes) and power generated can be receive at the moving electrodes. We can keep separate wheel which will supply power to dc motor which rotate whole device. Thus we get continue flow of power uninterrupted, without using any fossil fuels & atomic energy.

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

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

(43) Publication Date: 11/09/2015

# (54) Title of the invention : A COMPOSITION OF IMPROVED SYNTHETIC ENGINE OIL FOR LONGER DRAIN PERIOD WITH NEGLIGIBLE TBN VALUE AND THE PROCESS OF MANUFACTURE THEREOF

(51) International classification	:C10M	(71)Name of Applicant:
(31) international classification	159/12	1)TURBO CHEMICALS PVT LTD
(31) Priority Document No	:NA	Address of Applicant :W/124-B, NEAR DEEPAK
(32) Priority Date	:NA	FERTILIZER, MIDC TALOJA, PANVEL, DIST: RAIGAD-
(33) Name of priority country	:NA	410208, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TARIQ SHAFI USMANI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
	L.	

#### (57) Abstract:

The present invention describes a Composition of an Improved Synthetic Engine Oil (Glycolube 5W-40) with an additive component (Mutodyne-21) for longer drain period with negligible TBN value and the process for the manufacture thereof. The Improved Synthetic Engine Oil composition possesses several superior properties such as wear protection, reduced oil consumption, improved fuel economy, outstanding resistance to corrosion, long drain capability and increased operating efficiency

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :16/08/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: DISINFECTANT MIST DEPLOYMENT DEVICE FOR PERSONAL AND PUBLIC USE

		(71)Name of Applicant:
(51) International classification	:A01G	,
(51) international elassification	31/02	Address of Applicant :DEPARTMENT OF CHEMICAL
(31) Priority Document No	:NA	ENGINEERING IIT KHARAGPUR WEST BENGAL 721302
(32) Priority Date	:NA	West Bengal India
(33) Name of priority country	:NA	2)DR.SUDARSHAN NEOGI
(86) International Application No	:NA	3)MR.SAGNIK CHAKRABORTY
Filing Date	:NA	4)MR.SRAJAN KUMAR
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR.SAGNIK CHAKRABORTY
Filing Date	:NA	2)MR.SRAJAN KUMAR
(62) Divisional to Application Number	:NA	3)MR.SAGNIK CHAKRABORTY
Filing Date	:NA	4)DR.SUDARSHAN NEOGI
		5)MR.SHAMBOJIT ROY

### (57) Abstract:

The device being described herein consists of an ultrasonic transducer that is immersed in a liquid containing a solution whose concentration can be varied, a hot air blower with the outlet connected to a duct for conveying the air and liquid mist mixture to the external environment at a flow rate that can be varied according to the prevailing requirements. The transducer surface is covered by a liquid film at all times when the device is in use and this generates a mist whose concentration can be approximated to be the same as that of the liquid. The stream of heated air directs the mist to the external environment. The micron sized droplets dispersed in a stream of hot air are more effective in disinfecting the surface that is undergoing the exposure due to the availability of a higher surface area for the disinfecting agent to act upon. The technology for deploying ultrasonic mist is completely novel and innovative and has been tested for enhanced effectiveness in laboratory incubation conditions against Escherichia coli.

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

(22) Date of filing of Application :16/08/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: SYSTEM FOR DETECTING VACANT PARKING SPACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H04M 1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Ajinkya Abhay Peshave    Address of Applicant: 79, Deepanjali Appt., Flat No. 501, Mayur Colony, Kothrud, Pune - 411038 Maharashtra India 2)Parisa Rajesh Rai 3)Surabhi Rajeev Marathe 4)Suvedh Prakash Bhagwat 5)Lalit Vishwambhar Kulkarni 6)Debajyoti Mukhopadhyay (72)Name of Inventor: 1)Ajinkya Abhay Peshave 2)Parisa Rajesh Rai 3)Surabhi Rajeev Marathe 4)Suvedh Prakash Bhagwat 5)Lalit Vishwambhar Kulkarni 6)Debajyoti Mukhopadhyay
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### (57) Abstract:

Present invention provides a system for identification of parking space using image processing. The system comprises of a camera-based system and computer vision algorithms for detecting vacant parking spaces. The plane-based 3-D scene model plays a key part in handling inter-object occlusion and perspective distortion. The system first divides the parking spaces into cuboids which are further divided into their planar patches - top, ground, front, side. Based on the occupancy of these planar surfaces the occupancy of that particular parking space is determined. Following invention is described in detail with the help of Figure 1 of sheet 1 showing architecture of the proposed system.

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

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: SECURE BOOTING IN EMBEDDED LINUX DEVELOPMENT IN NUMERICAL RELAY

(51) International classification		(71)Name of Applicant:
(61) International Guassinousion	G06F 21/00	
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box
(32) Priority Date	:NA	No. 278, Mumbai 400 001, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT//	1)SINGH, Ankur
Filing Date	:01/01/1900	2)BARLINGAY, Ravindra
(87) International Publication No	: NA	3)TIWARI, Sumit
(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 the electrical industry. In particular, the present disclosure relates to making firmware image(s) used in design of electrical substation automation relays secure. The present disclosure relates to a system to verify an image to be loaded during booting of an electrical substation automation relay device, wherein the system can include a verification module that is configured to receive the image to be loaded, and further configured to hash the image to confirm if the hashed image matches with a signature provided with the image, and wherein the signature is generated based on a private key during a signature generation module.

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

(21) Application No.2950/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :04/08/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: A SYSTEM FOR MONITORING A DRIVER OF A VEHICLE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:B60J 1/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)Indra Vijay Singh Address of Applicant: Assistant Professor, Department of Electronics & Communication Engg., ITM University Gwalior (MP)-474001. Madhya Pradesh India  2)Amlan Basu
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)Kundan Kumar Jha (72)Name of Inventor: 1)Indra Vijay Singh 2)Amlan Basu 3)Kundan Kumar Jha

### (57) Abstract:

A system for monitoring a driver of a vehicle that keeps the monitoring means updated about a car at every instance of time by the help of biometric instruments. This system for monitoring a driver of a vehicle comprises a microcontroller, a heart rate sensor having an infrared diode, a photo diode and an operational amplifier, a display means; and a GSM module for transmitting data.

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

(22) Date of filing of Application :28/08/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: RUBBER COMPOUND HA 1824 FOR AIRBORNE APPLICATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C08G81/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC), HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION Address of Applicant: CENTRAL LABORATORY, AURDC, NASIK HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK-422207 (MAHARASHTRA), INDIA Maharashtra India (72)Name of Inventor: 1)POONAM SHRIVASTAV DGM (D-INDG) 2)AJIT BHANDAKKAR SR. MANAGER (LAB) 3)D B JONDHALE MANAGER (LAB)
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### (57) Abstract:

The supply of imported rubber compound is not consistent due to high lead time & less shelf life of rubber compound (i. e. 3 months). In order to meet the production requirement the nitrile rubber compound HA 1824 was developed in-house. The developed rubber compound HA1824 is used at HAL, Nasik Division for manufacture of rubber seals and rubber bonded valves used in Brake units (Part No.s KT92D & KT92B) & other assemblies of fighter aircraft. The rubber compound HA1824 was developed in-house to comply airworthiness requirements. Accordingly Test Schedule was prepared considering the various aspects of end use. The physico-mechanical properties were tested in Central Laboratory, HAL, Nasik Division and found satisfactory for airborne use. The functional test was carried out on the Brake unit assembly & found satisfactory.

No. of Pages: 7 No. of Claims: 2

(21) Application No.3385/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :28/08/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: A SLIT DILATING DEVICE AND A METHOD OF DILATING A SLIT

<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>	57/04 :NA :NA :NA	(71)Name of Applicant: 1)SAXENA, KULDEEP Address of Applicant:24 JHAWAR ESTATES, GULAB CHAND KA BAGICHA BEHIND RACHIT MEDICAL STORE, THATIPUR. GWALIOR - 474011 (M.P), INDIA. Madhya
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAXENA, KULDEEP
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A slit dilating device (10) and a method of dilating a slit (26) comprising a shaft (12) including a hook (18) configured to dilate a slit (26). At least a finger grip (22) positioned on the shaft (12) and configured to grip a finger (20) of a user. The finger (20) of the user being gripped in the finger grip (22) moves the shaft radial to the slit (26) thereby dilating the slit (26) by the hook (18). Figure 1 is the representative figure.

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

(22) Date of filing of Application :20/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : SYSTEM FOR AUTOMATED MONITORING AND CONTROLLING OF UNAUTHORIZED SETTLEMENT IN URBAN AREAS USING REMOTE SENSING.

(51) International classification	:H02J	(71)Name of Applicant:
(51) International classification	3/14	1)MR. JADHAV BHAGAVAT DNYANESHWAR
(31) Priority Document No	:NA	Address of Applicant :JSPM'S RAJARSHI SHAHU
(32) Priority Date	:NA	COLLEGE OF ENGINEERING, S.NO. 80, PUNE-MUMBAI
(33) Name of priority country	:NA	BYPASS HIGHWAY, TATHAWADE, PUNE-411033,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	2)DR. PATIL PRADEEP MITHARAM
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)MR. JADHAV BHAGVAT DNYANESHWAR
Filing Date	:NA	2)DR. PATIL PRADEEP MITHARAM
(62) Divisional to Application Number	:NA	3)DR. BORMANE DATTATRYA SHANKAR
Filing Date	:NA	4)MS. THORAT CHANDRAMA GANGADHAR

### (57) Abstract:

A system and method of automated monitoring and controlling of unauthorized settlement in urban areas using remote sensing is presented. The system comprises; input as satellite or Arial images of targeted urban areas over a time interval; Geographical Information System(GIS) of selected area; the processor such as GPU for image analysis and validation with town planning sanctioned data; the automated hardware system to communicate the municipal commissioner and respective authorities of selected area for further action and controlling.

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

(22) Date of filing of Application :20/08/2015

(43) Publication Date: 11/09/2015

# (54) Title of the invention : AN EFFICIENT AND GREENER ENZYME CATALYZED METHODOLOGY FOR THE SYNTHESIS OF 2-PROPENOIC ACID-3-PHENYL-ALKYL ESTER COMPOUNDS IN SUPERCRITICAL CARBON DIOXIDE MEDIA

(51) International classification		(71)Name of Applicant:
(31) international classification	8/035	1)BHANAGE BHALCHANDRA MAHADEO
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY,
(32) Priority Date	:NA	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 Maharashtra India
Filing Date	:NA	2)BADGUJAR KIRTIKUMAR CHANDULAL
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)BADGUJAR KIRTIKUMAR CHANDULAL
Filing Date	:NA	2)BHANAGE BHALCHANDRA MAHADEO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention offers a greener and efficient methodology for the synthesis of 2-propenoic acid-3-phenyl-alkyl ester (cinnamate ester) compounds in the supercritical carbon dioxide as a solvent. This methodology has several advantages like greener bio-catalyst and greener supercritical carbon dioxide as a reaction media which fulfilled a complete greener aspect. Moreover, the present invention reports an efficient method for the synthesis of various types of cinnamate esters with broad substrate array (alkyl, cycloalkyl, aryl and heterocyclic alkyl). The reaction method used is simple and suitable for the large-scale industrial application, which involves the simple work-up process to get desired product. This methodology offers 30-98 % yield of the corresponding 2-propenoic acid-3-phenyl-alkyl ester (cinnamate ester) compounds.

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

(22) Date of filing of Application: 13/12/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: CONTINUOUS VOLTAGE CREATOR MACHINE (UNINTERRUPTED POWER SUPPLY).

:H02K49/00	(71)Name of Applicant:
:NA	1)Niyaj Jahangir Nadaf
:NA	Address of Applicant : A/P - Dudhondi, Tal - Palus, Dist -
:NA	Sangli, Maharashtra, India. Pin - 416308. Maharashtra India
:NA	(72)Name of Inventor:
:NA	1)Niyaj Jahangir Nadaf
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA : NA :NA :NA

#### (57) Abstract:

Even today, many places in remote areas cannot avail of electricity. This project can help provide electricity to such areas. The application of this project will actually enable us to reduce the increased strain of load shedding. Many commercial set-ups either have to shut down due to unavailability of power supply or have to make alternative arrangements for the power supply. Applying this method instead of the conventional methods shall definitely boost the momentum of the industrial growth. This project can be put to use in places of high energy generation such as Power generation centres, Diesel generators, Petrol generators etc. Similarly, the application of this project in places of high energy requirement shall prove to be crucial. Increased number of vehicles has lead to an increased demand of fuel Diesel and Petrol. Application of this project in vehicles can reduce the fuel consumption and contribute to environmental conservation.

No. of Pages: 23 No. of Claims: 0

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: HERBAL FORMULA FOR DIABETES MELLITUS

(87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA	<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>	:NA :NA :NA	1)DR. DESHPANDE SHARADCHANDRA GOVIND Address of Applicant :RAHUL CLINIC, 24, ELLORA COMPLEX, NEXT TO SBI ZONAL OFFICE, CIDCO, N-5 AURANGABAD PIN 431003 (INDIA) Maharashtra India 2)DR. DESHPANDE RAHUL SHARADCHANDRA 3)MRS. DESHPANDE RAPATWAR ANAGHA PRABHAKAR (72)Name of Inventor:
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#### (57) Abstract:

A herbal formula was invented which could help to control the Diabetes, help to prevent its complications, helps to reduce the doses of insulin or may even allow the patient to stop insulin with the help of this herbal formula. The following are the medicine in the herbal formula which are fund to be useful. (1) Nutgrass, (2) Indravaruni ki muli, (3) Triphala, (4) Syzygium cumuni, (5) Gymneme sulvesta, (6) Tinospora cardiofola, (7) Memorica charantia, (8) Indian gooseberry, (9) Margosa leaves, (10) Bengal guines, (11) Cassia tora, (12) Cucuma amada, (13) Salacia chinesis, (14) Leaf of pomegranate tree. After trials this formula was found to be successful in treating Diabetes, patient used to feel normal beyond Diabetes control, complications were minimal and compared to the patient on allopathic medicine patient with this formula felt more happy, comfortable and have sense of being normal. Many drugs and formula all over the world are in practice but none of them is found to be effective. This formula has ray of hope for the Diabetic community at large all over the world. Lots of experiments were made with permitations and combinations. Amongst all this combination has proved to be most consistently effective in controlling and treating Diabetes, which is proved with blood sugar level testing before and after lunch and with smart HblAc test.

No. of Pages: 9 No. of Claims: 5

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: MULTI-GRAIN DEHUSKING MACHINE.

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)YERPUDE SIDDHESH JANMEJAY
(32) Priority Date	:NA	Address of Applicant :PLOT NO.I-6, TATYA TOPE
(33) Name of priority country	:NA	NAGAR, WEST HIGH COURT ROAD, NAGPUR-440015,
(86) International Application No	:NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YERPUDE SIDDHESH JANMEJAY
(61) Patent of Addition to Application Number	:NA	2)DR. CHAUDHARI SHARAD SUDHAKARRAO
Filing Date	:NA	3)MOHAMMAD SOHAIL PERVEZ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The utility model discloses a multi-graindehusking machine. The existing rice and daldehusking machines complicated in structure, difficult to operate, difficult to replace the quick-wear parts, and the machining halts when a huller blade is damaged. The multi-graindehusking machine solves all the problems. The setup consists of a gear train that runs the mechanism, cranked lever attached to the gear train, 2 shafts connected with this gear train and 2 rollers assembled over the 2 shafts respectively. Separate rollers are used for separate grain such as rubber rollers for rice grains dehusking and cement rollers for dal dehusking. The setup uses human energy for rotating the lever. As the lever rotates, gears will also rotate. The shafts with rollers assembled with the gear train will rotate in opposite direction and will apply pressure over the grains that are passing through the gap between the rollers and due to friction the husk will be removed. This husk will be blown off with the help of winnowing fan and the grains thus obtained will be cleaned grains. Sieve plate will be assembled with last gear. This sieve will have small holes of particular grit size that will separate the grains. Separate sieve will be used for separate grains. As the gear rotate, sieve will reciprocate and thus it will allow only the grains to pass through it leaving behind the husk at the top of the sieve.

No. of Pages: 11 No. of Claims: 3

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : APPLICATION OF GREEN SOLUTION FOR IMPROVING THE MECHANICAL PROPERTIES OF CONSTRUCTION MATERIALS

	·A61F	(71)Name of Applicant:
(51) International classification	13/471	
(31) Priority Document No	:NA	Address of Applicant :Visvesvaraya National Institute of
(32) Priority Date	:NA	Technology Nagpur. Maharashtra India
(33) Name of priority country	:NA	2)Dr. M. V. Latkar
(86) International Application No	:NA	3)Dr. T. Chakrabarti
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dr. R. V. Ralegaonkar
(61) Patent of Addition to Application Number	:NA	2)Dr. M. V. Latkar
Filing Date	:NA	3)Dr. T. Chakrabarti
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to use of calcite precipitating soil bacteria to improve the mechanical performance and to provide self healing properties in the building materials. The use of soil bacteria amended green solution to improve the compressive strength of concrete can be used instead of using harmful chemicals like epoxy based water proofing agents. The process involved in the production of Green Solution is environmental friendly and it is very easy to handle. The Green Solution enables pores to fill within the cement-sand matrix due to the calcite deposition. Furthermore, Green Solution is cost effective product because it is produced by the cheaper available protein source like lentil seeds as compared to chemicals like peptone, etc. Following invention is described in details with the help of Figure 1A to 1 D of sheet 1 which shows the diagram for simplified representation of the events occurring during the microbially induced carbonate precipitation, Figure 2 of sheet 2 shows the diagram for SEM of bio-OPC using peptone and Figure 3 of sheet 2 shows the diagram for SEM of bio-OPC using lentil seeds.

No. of Pages: 16 No. of Claims: 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3261/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: ECO FRIENDLY PAVER BLOCK

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:B65D 75/00 :NA	(71)Name of Applicant:  1)Abhay Tawalare  Address of Applicant: Department of Civil Engineering,
(32) Priority Date	:NA	Visvesvaraya National Institute of Technology Nagpur, South
(33) Name of priority country	:NA	Ambazari Road, Nagpur-440010 Maharashtra India
(86) International Application No	:NA	2)S. Durga Vikas
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Abhay Tawalare
(61) Patent of Addition to Application Number	:NA	2)S. Durga Vikas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a method for replacing the cement as a binding agent with the combination of geo-polymers like Sodium silicate and sodium hydroxide solutions in order to produce eco-friendly Paver blocks based on the geo-polymerization technology. Unlike the conventional method for producing pavements blocks, the new procedure neither uses cement as a binding component and nor requires the long period of curing time for the process thus having significant environmental and ecological benefits.

No. of Pages: 10 No. of Claims: 3

(22) Date of filing of Application :17/04/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: 3-LAYERED SOLAR WALL CONSTRUCTION

	E0.4D2.400	
(51) International classification	:E04B2/00, E04B1/76.	(71)Name of Applicant : 1)SAUMIL P. PATEL
(51) International Glassification	E04B1/74	Address of Applicant :9/B VADIGAM SOCIETY, NEAR
(31) Priority Document No	:NA	GAYATRI MANDIR ROAD, RANIP, AHMEDABAD-382480
(32) Priority Date	:NA	GUJARAT, INDIA. Gujarat India
(33) Name of priority country	:NA	2)ANKIT V. PATEL
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAUMIL P. PATEL
(87) International Publication No	: NA	2)ANKIT V. PATEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A3-layered solar wall construction of a external wall of a building, characterized in that the said wall has layers one after the other seen from the inside (7) of the outside (13); a RCC WALL (1), having an inside surface coating (10) of cement. A material insulation layer (3), consisting of loosely blasted-in insulating par-tides, and an masonry brick wall (2), having an outside surface coating (11) of cement serving for pore sealing, a material insulation layer (4), and a solar panel wall (6), having an outside surface of plurality of vertically fitted solar photovoltaic panel (T V Panel) mounted on angles, bars and other securing materials thus secured to the brick wall (2)

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

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: NIRBHAY-ERGONOMIC BED FOR THE AGE DISABILITIES

<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>	:A61G7/065, A47C20/02, :NA :NA	(71)Name of Applicant:  1)ANAND KISHORBHAI PATEL Address of Applicant: PLOT NO.859, SECTOR-8, GANDHINAGAR-382 007, GUJARAT, INDIA. Gujarat India 2)ANUP JAGDISH GEHANI
(86) International Application No Filing Date	:NA :NA	3)TWISHA HARENDRAKUMAR BHATT (72)Name of Inventor:
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	1)ANAND KISHORBHAI PATEL 2)ANUP JAGDISH GEHANI 3)TWISHA HARENDRAKUMAR BHATT
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A RECUNIABLE BED AND THE METHOD OF BRINGING THE BED TO RECLINED AND NORMAL POSITION BY USING SWITCHES ON THE HANDLE BAR, ALLOWING ELECTRIC SCREW ACTUATORS WITH SELF LOCKING HELIX ANGLE TO ADJUST THE BED TO THE SAFE RECLINING ANGLE. AND AN ANTI SKID HEIGHT ADJUSTABLE PLATFORM WITH HANDLE HAVING SWITCHES ON EITHER SIDE OF THE HANDLE TO ASSIST IN SAFE RECLINING AND LANDING ON THE PLATFORM.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :25/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: TECHNIQUE TO USE OF PERFORATED GEOCELLS IN THE CONCRETE PAVEMENTS

(51) International classification	:E01C	(71)Name of Applicant :
(31) International classification	3/00	1)Prof. Shrikant Madhav Harle
(31) Priority Document No	:NA	Address of Applicant :Assistant Professor, Department of
(32) Priority Date	:NA	Civil Engineering, Prof Ram Meghe College of Engineering &
(33) Name of priority country	:NA	Management, Badnera, Amravati-444701, Maharashtra
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Shrikant Madhav Harle
(61) Patent of Addition to Application Number	:NA	2)Prof. Prakash S. Pajgade
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

In the present investigation the high density polyethylene Geocells used for the construction of concrete road pavements. The new technologies such as Geocell filled concrete road will lead to economical and durable roads. The placing of formwork is easy and cheaper solution. The Geocells are easy to lay on the firm ground and easy to fill as the different sizes are available. The use of it saves the time. It gives the good technique for low volume roads, urban roads, etc. the size of the formwork is feasible to lying of concrete with the less consumption of time & money.

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

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

## (54) Title of the invention: DESIGN GUIDELINES FOR RAPID MIXER OF WTP USING WATER JET

classification (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA Number	A A A A A A A A A A A A A A A A A A A	(71)Name of Applicant:  1)LAKSHMANAGOUDA GOVINDAPPA PATIL Address of Applicant: DEPARTMENT OF CIVIL_WATER MANAGEMENT, SGGS INSTITUTE OF ENGINEERING AND TECHNOLOGY, NANDED-431606, MAHARASHTRA, (INDIA) Maharashtra India  2)SANTOSH HANUMANJI KALASKAR (72)Name of Inventor:  1)LAKSHMANAGOUDA GOVINDAPPA PATIL 2)SANTOSH HANUMANJI KALASKAR
Filing DateA	٦.	

#### (57) Abstract:

Small water treatment plants (WTP) generally needs simple, robust and maintenance free units. Rapid or flash mixer (coagulation unit) is an important unit in the Water Treatment Plant (WTP). Jet flash mixer is simple, economical, maintenance free and robust. Formulation of design guidelines for the same was carried out with both computational fluid dynamics (CFD) and experimental fluid dynamics (EFD) approaches. The L/d ratio (length of rectangular basin/diameter of jet nozzle) equal to 18 was found to be the best for getting lowest residual turbidity. These type of alum coagulant mixers are recommended for small water treatment plants meant for village areas.

No. of Pages: 15 No. of Claims: 5

(22) Date of filing of Application :30/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : CONCURRENT ARCHITECTURE OF VEDIC MULTIPLIER-AN ACCELERATOR SCHEME FOR HIGH SPEED COMPUTING

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:G02B 6/26 :NA :NA	(71)Name of Applicant:  1)Mr. Jitendra S. Edle Address of Applicant: C/o Shri. Rajesh S. Edle, Near Shri Krishna Temple, Mangaldham Housing Society, Amravati.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No Filing Date	:NA :NA	2)Dr. Prashant R. Deshmukh (72)Name of Inventor:
(87) International Publication No	: NA	1)Mr. Jitendra S. Edle
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)Dr. Prashant R. Deshmukh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Present invention provides Concurrent Architecture of Vedic Multiplier-An Accelerator Scheme for High Speed Computing. The methodology of applying Vedic fundamentals greatly optimizes the constraints like Power, Time, Area and Hardware Resource Utilization. And can be proven for development of Efficient and Secured Templates. Vedic mathematics deeply removes the intermediate steps and gives direct output, for complex procedures like multiplication. The said procedure has wide applications in Encryption, Decryption, Image Processing, Signal Processing, Secured Wireless Sensor Network, Cloud Computing, Error Correction and Detection Modules and etc. all these applications has one common block of multiplier, which is complex procedure at hardware level. Hence, a need of high speed Multiplication can be fulfilled by implemented Novel Vedic Multiplier using blocks of concurrently executable hardware architecture like FPGA. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram of the architecture of Vedic Multiplier.

No. of Pages: 20 No. of Claims: 5

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BRACKETORY/FITTING FOR INSTALLATION OF ANTENNA ON FIN OF AN AIRCRAFT

	:H01O	(71)Name of Applicant : 1)AIRCRAFT UPGRADE RESEARCH & DESIGN
(51) International classification	1/00	CENTRE (AURDC), HINDUSTAN AERONAUTICS
(31) Priority Document No	:NA	LIMITED, NASIK DIVISION
(32) Priority Date	:NA	Address of Applicant :DESIGN AIRFRAME (DA)
(33) Name of priority country	:NA	AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE
(86) International Application No	:NA	(AURDC), HINDUSTAN AERONAUTICS LIMITED, NASIK
Filing Date	:NA	DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR
(87) International Publication No	: NA	(MIG), NASHIK-422207, MAHARASHTRA, INDIA.
(61) Patent of Addition to Application Number	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)RD MONE DGM (DESIGN)
Filing Date	:NA	2)PS BHARAMBE SR. MANAGER (DESIGN)
		3)NP SHIRSAT MANAGER (DESIGN)

(57) Abstract:

No. of Pages: 10 No. of Claims: 5

(21) Application No.111/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :12/01/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: WATER REDISPERSIBLE PUTTY AND POWDER PAINT

<ul> <li>(51) International classification</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>	28/00 :NA :NA :NA	(71)Name of Applicant:  1)MAHANWAR; PRAKASH ANNA Address of Applicant: DEPARTMENT OF POLYMER AND SURFACE ENGINEERING, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PAREKH MARG, MATUNGA (EAST), MUMBAI 400 019,
Filing Date	:NA	INDIA Maharashtra India
(87) International Publication No	: NA	2)DONGRE; RAVIPRAKASH HARIBHAU
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MAHANWAR; PRAKASH ANNA
(62) Divisional to Application Number	:NA	2)DONGRE; RAVIPRAKASH HARIBHAU
Filing Date	:NA	

(57) Abstract:

No. of Pages: 34 No. of Claims: 10

(21) Application No.4649/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MASS IRON CLOTH 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) Petent of Addition to Application Number</li> </ul>	: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.Raja 2)Nimal
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	: NA :NA :NA	2)Nimal
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

## (57) Abstract:

This invention discloses the use of an equipment to press multiple clothes and fabrics at the same time. The clothes and fabrics are lined up in rows in the machine and sprayed with water. Later a heater that emits heat, travels around the clothes to dry them and thereby removing wrinkles.

No. of Pages: 6 No. of Claims: 2

(21) Application No.4021/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :03/08/2015 (43) Publication Date : 11/09/2015

(54) Title of the invention: AN AQUA FUEL KIT

(51) International classification	:C25B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE REGISTRAR
(32) Priority Date	:NA	Address of Applicant :VELS UNIVERSITY, P.V.
(33) Name of priority country	:NA	VAITHIYALINGAM ROAD, VELAN NAGAR,
(86) International Application No	:NA	PALLAVARAM, CHENNAI - 117, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR.SREERAJ KUMARDAS
(61) Patent of Addition to Application Number	:NA	2)DR. CHANDRASEKARAN MANOHARAN
Filing Date	:NA	3)MR. SIBI NAVANEETHA KRISHNAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to an aqua fuel kit which is a HHO generator. The present invention relates to a device which produces hydrogen gas and oxygen gas from an electrolyte solution by electrolysis process. The present invention relates to a HHO generator that doesnt require any separate unit to separate hydrogen and oxygen gases, like in case of conventional HHO generator.

No. of Pages: 11 No. of Claims: 4

(21) Application No.1906/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention : ADVANCED DRYING ROOM WITH COST EFFECTIVE FURNACE FOR DRYING AGRICULTURAL PRODUCE INCLUDING LATEX SHEETS

(51) International classification	:F26B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)A.M. SEBASTIAN
(32) Priority Date	:NA	Address of Applicant :ARACKAL HOUSE, CHULLY P.O,
(33) Name of priority country	:NA	KANJANGAD, KASARGOD Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)A.M. 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:

A drying room (either existing or newly Constructed) installed with a drying apparatus or furnace with burner /radiant section and firebox / convection section for drying various agricultural produces including latex sheets by burning with conventional fire wood etc. which is more efficient and less time consuming for drying the latex sheets and hazard free in comparison with the present drying rooms and apparatus currently used.

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

(21) Application No.4564/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: VOICE AND COMPARATIVE DIAGNOSIS BASED STETHOSCOPE

<ul> <li>(51) International classification</li> <li>(31) 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>	:A61B :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)T.Shoba
<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	
(62) Divisional to Application Number Filing Date	:NA	

### (57) Abstract:

Every doctor uses a device called stethoscope to listen to the sounds of heart or breathing of a patient. This invention discloses the use of a Voice and comparative diagnosis based stethoscope. The stethoscope has stored data relating to various internal sounds of a person and this is compared with that of the current sound that is recorded to diagnose the condition of the patient. Senthil Kumar B Agent for the applicant IN/PA-1549

No. of Pages: 6 No. of Claims: 2

(21) Application No.4566/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BLIND MAN VOICE SPECS

.C02C	(71)Ni
:G02C	(71)Name of Applicant:
:NA	1)BHARATH UNIVERSITY
:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
:NA	600 073 Tamil Nadu India
:NA	(72)Name of Inventor:
:NA	1)Dr.Sundeep Aanand
: NA	2)Dr.X.Charles
:NA	3)Dr. J. Hameed Hussain
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

## (57) Abstract:

The device disclosed in this invention uses ultrasound to guide the visually challenged person, by detecting obstacles and informing the user through a voice message to the head phone that is connected to the spectacles.

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

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : SYSTEM AND METHOD FOR OPTIMIZING TESTING OF SOFTWARE PRODUCTION INCIDENTS

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VENKATA SUBRAMANIAN JAYARAMAN
(87) International Publication No	: NA	2)RAJIV KUMAR AGRAWAL
(61) Patent of Addition to Application Number	:NA	3)GANESH NARAYAN
Filing Date	:NA	4)BHARATH KUMAR HEMACHANDRAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

This disclosure relates generally to software testing, and more particularly to a system and method for optimizing testing of software production incidents. In one embodiment, the method comprises analyzing an incident ticket using a machine learning algorithm to identify one or more keywords in the incident ticket, and identifying a location of the incident ticket based on the one or more keywords, a test workspace corresponding to the incident ticket based on the location, and a plurality of specific test cases corresponding to the incident ticket based on the test workspace. The identification leads to a first scenario and a second scenario. In the first scenario, the method further comprises initiating a learning process based on intelligence gathered from a manual processing of the incident ticket. In the second scenario, the method further comprises executing the plurality of specific test cases in a test environment. Figure 3

No. of Pages: 32 No. of Claims: 19

(21) Application No.4575/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ACU-POINT ACUPRESSURE THERAPY

(51) International classification	:A61H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.Vijayakumar
(87) International Publication 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 acupuncture practitioner provides treatment to various ailments by way of acupressure treatments. This requires location of the appropriate acupressure points on the individual for the treatment to be effective. This invention discloses the use of an equipment for accurate location of the acu-points.

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

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD AND SYSTEM FOR MANAGING PERFORMANCE OF INSTRUMENTATION DEVICES

	~~~	
(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DATTAGURU BASAVAPATNA NANJUNDAIAH
(87) International Publication No	: NA	2)HAR AMRIT PAL SINGH DHILLON
(61) Patent of Addition to Application Number	:NA	3)DINESH KUMAR PATHAK
Filing Date	:NA	4)ATUL KUMAR
(62) Divisional to Application Number	:NA	5)SUDHEER DALAVAYLA
Filing Date	:NA	

#### (57) Abstract:

The present disclosure relates to a method for managing performance of at least one instrumentation device deployed across one or more sites. The method comprises receiving instrument data from the at least one instrumentation device. The instrument data comprises data pertaining to performance of the at least one instrumentation device. The method further comprises validating the instrument data based on at least one of predefined range parameters, predefined error parameters, predefined policy parameters, and historical analysis parameters. The method further comprises determining at least one of calibration issues, maintenance issues, reliability of at least one of the instrumentation device, and quality of the instrument data based on validation of the instrument data and generating performance report based on the validation and the determination for managing the performance of the one or more instrumentation devices. Figure 2

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

(21) Application No.2500/CHENP/2015 A

(19) INDIA

(22) Date of filing of Application :30/04/2015 (43) Publication Date : 11/09/2015

(54) Title of the invention: ENGINE VALVE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:NA :NA :NA	(71)Name of Applicant: 1)NITTAN VALVE CO.LTD. Address of Applicant:518SoyaHadano shi Kanagawa 2570031 Japan (72)Name of Inventor: 1)NITTAN VALVE CO.LTD.
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------

### (57) Abstract:

Provided is an engine valve in which the component ratio of specific rare metals in the build up metal of a face can be suppressed and specific properties in terms of abrasion resistance impact resistance and high temperature corrosion resistance can all be met in order to respond to the increasing severity of the usage environment. An engine valve wherein: a ring shaped cladding section is provided by means of build up welding on the cap part of a valve base and a face is provided which forms a surface hardening layer on the cladding section; the build up metal of the cladding section is formed from a Ni Fe Cr alloy; the component mass of the included elements is 8.0 40% W 20.0 40.0% for the total of Mo and W 20.0 50.0% Fe 12.0 36.0% Cr 1.0 2.5% B with the remainder being Ni and unavoidable impurities; and the surface hardening layer forms a nitride layer by means of nitriding treatment of the entire valve on a finished surface formed on the face. Thus the composition component ratio of rare metals can be suppressed and it is possible to ensure specific properties.

No. of Pages: 31 No. of Claims: 3

(21) Application No.4632/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :02/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CAMERA BASED DENTAL ROBOT WITH ALL FACILITIES

<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>	:A61C :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, Agharam Road, Selaiyur, Chennai 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.S.Kishore Kumar
(87) International Publication No	: NA	2)Dr.S.Bhuminathan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

This invention discloses the use of a camera based dental robot. The Doctor can view any portion inside the mouth. The doctor can see any angular or any direction of mouth interiors on display screen and do the procedure. Also, doctor can select the particular instrument for procedure and do in any direction in mouth watching through the display screen.

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

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A METHOD OF PROVIDING MEDIA PERSONALIZATION FOR ONE OR MORE USERS USING AN ELECTRONIC DEVICE

(51) International classification	:a06F	(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		Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No		(72)Name of Inventor:
Filing Date	:NA	1)GOWRISHANKAR SUBRAMANIAM NATARAJAN
(87) International Publication No	: NA	2)SAYAR BANERJI
(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 method of providing media personalization for one or more users using an electronic device. The method comprises receiving, by an electronic device, a profile activation request from one or more user devices for activating a predefined profile associated with each of the one or more users. The method further comprises assigning an active operation status for one of the one or more user devices and a passive operation status for rest of the one or more user devices based on predefined policy information. The method further comprises activating a primary functionality of controlling the electronic device for the user device having the active operation status and one or more secondary functionalities for the rest of the one or more user devices. The method further comprises applying the predefined profile associated with the user device having the active operation status for the media personalization. Fig.3b

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

(22) Date of filing of Application :03/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR EXTENDING FUNCTIONALITY OF INTER-CONNECTED PRIMARY AND SECONDARY ELECTRONIC APPLIANCES

(51) Intermetional elegification	.C06E	(71) Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TINKU MALAYIL JOSE
(87) International Publication No	: NA	2)MANISH VERMA
(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 method for extending the functionality of a primary electronic appliance interconnected with one or more secondary electronic appliances in a communication network. In an embodiment a functionality detection unit is configured in each of the electronic appliances. The functionality detection unit identifies functions, data and properties of the primary electronic appliance and also identifies the functions, data and properties of the one or more secondary electronic appliances. The functionality detection unit determines similarity in the functions the one or more properties and data corresponding to the primary electronic appliance and the one or more secondary electronic appliances and based on the similarity extends the functionality of the primary electronic appliance. Fig.2b

No. of Pages: 30 No. of Claims: 18

(21) Application No.5459/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: HYBRID NANOCOMPOSITES WITH IMPROVED PHYSICAL PROPERTIES

(51) International classification :Co	08K (71)Name of Applicant :
(31) Priority Document No :N	A 1)AMET UNIVERSITY
(32) Priority Date :N	A Address of Applicant :135 EAST COAST ROAD,
(33) Name of priority country :N	A KANATHUR - 603 112 Tamil Nadu India
(86) International Application No :N	A (72)Name of Inventor:
Filing Date :N	A 1)DR. N. MANOHARAN
(87) International Publication No : N	A 2)V. SELVAKUMAR
(61) Patent of Addition to Application Number :N	A
Filing Date :N	A
(62) Divisional to Application Number :N	A
Filing Date :N	A

## (57) Abstract:

The present invention relates to novel hybrid nanocomposites with improved flame retardancy, improved mechanical properties and improved barrier properties. Additionally, the present invention relates to the use of a hybrid nanocomposite for the production of moulded and extruded articles based on a hybrid nanocomposite according to the invention as well as to mould and extruded articles comprising the inventive hybrid nanocomposites. Moreover, the invention is related to a process for producing such a hybrid nanocomposite.

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

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A RADIOLUCENT APPARATUS FOR THE REDUCTION OF FOREARM BONE FRACTURE AND A METHOD THEREOF

		(71)Name of Applicant:
		1)DR. VISHWANATH YALIGOD
(51) International classification	:A61B	Address of Applicant :NO.117, 5th MAIN, 5th CROSS,
(31) Priority Document No	:NA	N.G.E.F LAYOUT, SANJAYNAGAR, BANGALORE-560090
(32) Priority Date	:NA	Karnataka India
(33) Name of priority country	:NA	2)DR. NIRMITHA DEV .M
(86) International Application No	:NA	3)NAVEEN BALARAJU
Filing Date	:NA	4)HS NIKHIL
(87) International Publication No	: NA	5)UME HANI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. VISHWANATH YALIGOD
(62) Divisional to Application Number	:NA	2)DR. NIRMITHA DEV .M
Filing Date	:NA	3)NAVEEN BALARAJU
-		4)HS NIKHIL
		5)UME HANI

### (57) Abstract:

An apparatus and a method for reduction of forearm bone fracture on a patient, a radiolucent base plate having a first end and a second end, including a plurality of members which are spatially apart, a first engaging member positioned at the first end of the base plate, a second engaging member positioned in between the first end and the second end of the base plate, a track member is guide to slide the second engaging member fixed over the base plate, and a traction member positioned at the second end of the base plate for the unobstructed radiographs. The first engaging member positioned to employ an elbow of the patient, the second engaging member positioned to engage the wrist of the patient, were the patient wore a cloth made autoclavable glove including a periphery hoop and the traction member coupled to the hoop to confer sustained traction and counter traction forces to the patient arm to realign the fractured bone. Figure 1 (for publication)

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

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 11/09/2015

(54) Title of the invention: A METHOD FOR PROVIDING A PLATFORM FOR ASSISTING SALES PROFESSIONALS AND CHANNEL OWNERS IN CHOOSING THE BEST PRODUCTS TO PRESENT, SELL TO THEIR CUSTOMERS, BASED ON VARIOUS INTERNAL, EXTERNAL PARAMETERS

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Chokkanathan Naga Subramanian
(32) Priority Date	:NA	Address of Applicant :Fortune Summit Business Park Plot
(33) Name of priority country	:NA	No.244, Hosur Main Road, Bangalore -560068 Karnataka India
(86) International Application No	:NA	2)Vishal Narapareddy
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Chokkanathan Naga Subramanian
(61) Patent of Addition to Application Number	:NA	2)Vishal Narapareddy
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention provides a method and system for providing a platform for assisting sales professionals and channel owners in choosing the best products to present, sell to their customers, based on various internal, external parameters. The method includes calculation of how a certain product applies to a certain customer scenario, how much a customer is likely to buy a certain product, how well the product is likely to perform during sales, how well the product is likely to perform in a sales channel and other factors related to this. The organization can adjust these parameters and their weightages based on their business need and the system automatically promotes the right products, learning on its own based on the feedback from users. The system also allows the auditing of recommendations, while hiding the private details from the individual users. This helps in bringing shorter sales cycles and the efforts of the sales professionals and channel owners being spent in the right direction, improving profitability and revenue.

No. of Pages: 24 No. of Claims: 5

(21) Application No.4597/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :31/08/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DYNAMIC ORGANIZATIONAL NETWORK

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Arun Krishnan
(32) Priority Date	:NA	Address of Applicant :D-21, Legacy Dimora, Jakkur
(33) Name of priority country	:NA	Plantations, Bangalore-560064, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Arun Krishnan
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention discloses a method and a user interface for building a dynamic organizational network. The method includes steps to obtain an employee specific profile, create a dynamic representation from the employee specific profile, classify employees with respect to parameters obtained from the profiles, derive recommendations for employees using the classified parameters and compare employees with respect to parameters to obtain specific grouping of employees. The recommendation for employees enables real time succession plan for an employee and the comparison enables real time measurement of an employee method within the organization. The user interface is configurable. The interface authenticates the user, allows the user to select employees within the organization, presents the user a selectable list of parameters specific to the employees and creates representation showing relationship of one employee with respect to other employee based on the selected parameters. The invention also provides a system thereof.

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

(21) Application No.6020/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: IDIYAPPAM MACHINE (AUTOMATIC)

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) International Application No.</li> </ul>	:NA :NA :NA	(71)Name of Applicant: 1)MR. A.JORDAN Address of Applicant: LALITH FOOD MACHINES, 19,45, GANGAI AMMAN KOIL STREET, KORATTUR, CHENNAI
(86) International Application No Filing Date	:NA :NA	600 080 Tamil Nadu India (72)Name of Inventor:
(87) International Publication No	: NA	1)MR. A.JORDAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

I, Mr. A. Jordan, aged about 66 years, at Lalith Food Machines, 19/45, Gangai Amman Koil Street, Korattur, Chennai-600 080 claim the following. The Idiyappam Machine is made up of Stainless Steel and comprising of the following engineering systems built in it:

1. DOUGH INTAKE SYSTEM: Prior to the present invention, the dough was used to be fed by Pnematics Cylinders only. In the present invention, Twin nylon roller with wiper assembly is used. The functioning of the dough intake system is as follows: (i) Two cylinders are fixed parallely with 6mm gap between them. (ii) The cylinders so fixed are allowed to rotate in opposite direction. (iii) As the Strail Slot in the cylinders are set reciprocally, 15 KGF/Cm pressure is produced when it runs, (iv) A Wiper Blade is fixed below the cylinders (v) When the dough is filled in the hopper, a thin layer of dough measuring 3mm gets formed/ spread on the cylinders. Then the wiper blades wipe the dough and push the dough further down, (vi) By applying ths technology the dough can be pulled inside at a rate of 40 to 60 grams per second.

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

(21) Application No.4607/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :01/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A PHOTO LUMINESCENT DISPLAY

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Vinay Hegde
(32) Priority Date	:NA	Address of Applicant :#37,4th main road, Ramamohanpur,
(33) Name of priority country	:NA	Gayathri Nagar, Bangalore-560021 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Vinay Hegde
(87) International Publication 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 preparing a photo luminescent screen. The method includes selecting a base, preparing a photo luminescent suspension; depositing at least one layer of the photo luminescent suspension on the selected base and fixing the photo luminescent suspension on the base to obtain the photo luminescent display. The invention also provides a method for displaying an artwork on the photo luminescent display. The method includes selecting at least one photo luminescent display and irradiating the photo luminescent display in a predetermined pattern for a predetermined time through a light emitting device. The pattern formed is on display for about 2-3 minutes.

No. of Pages: 11 No. of Claims: 12

(21) Application No.4608/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :01/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: WATCH GPS DETECTOR FOR PARENTS

(51) I ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	C04C	(71) No. 10 C. A. 10 Provide
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.X.Charles
(87) International Publication No	: NA	2)Dr.J.Hameed Hussain
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to the field of electronic equipment and more particularly to watch based GPS unit. Watches are used widely by people. It is considered a stylish accessory these days. The invention proposes the use of the GPS technology in a watch.

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

(22) Date of filing of Application :28/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR MANAGING REAL-TIME RISKS ASSOCIATED WITH APPLICATION LIFECYCLE MANAGEMENT PLATFORMS

(51) International classification	:G06Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAYASHREE SRIPATHAN
(87) International Publication 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 method for managing the real-time risks associated with application lifecycle management platforms (ALM) comprising a plurality of application projects. In an embodiment, a risk management system is integrated within application lifecycle management platforms. The risk management system maps one or more risks from pre-defined risks to one or more delivery parameters. Based on the mapping the risk management system monitors one or more delivery parameters for identifying one or more risks associated with the application. On identification of one or more risk, the risk management system provides solutions to mitigate the occurrence of one or more risks. Fig.2

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

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR DETECTING ROOT CAUSE FOR SOFTWARE FAILURE AND HARDWARE FAILURE

	G0.CE	
(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PULLURU SHRAVAN KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present disclosure relates to a method and system for detecting root cause for software failure and hardware failure. The system comprises a debugging unit with one or more preconfigured communication protocols. The debugging unit identifies one or more debugging issues and performs protocol level transactions with the hardware, participating in the system integration, through a suitable communication protocol. The debugging unit also determines status of the protocol level data transaction based on whether a data read failure has occurred during this transaction. The status is unsuccessful when there is a data read failure in the data transaction and the status is successful otherwise. The root cause for the failure is detected to be one of the hardware components when the status is unsuccessful and the software application when the status is successful. Finally, the detected root causes are resolved using appropriate techniques. Fig. 1a

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

(22) Date of filing of Application :12/05/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : LINGULA LOCATOR AND MEDIAL CUT STOPPER FOR SAGITTAL SPLIT RAMUS OSTEOTOMY OF THE MANDIBLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Ganesh, Praveen Address of Applicant:#3, 1st cross street, Srinivasapuram, Thiruvanmayur, Chennai-600041 Tamil Nadu India 2)Nagarjuna, Muralidhara 3)Boyina, Kiran Kumar 4)Shetty, Samarth 5)Salins, Paul (72)Name of Inventor: 1)Ganesh, Praveen 2)Nagarjuna, Muralidhara 3)Boyina, Kiran Kumar 4)Shetty, Samarth 5)Salins, Paul
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

# (57) Abstract:

The present invention contemplates to a device that facilitates orthognathic surgery acting as a medial cut guide and stopper for sagittal split ramus osteotomy of the mandible. The said device helps in locating the lingula and provides a posterior stop for the osteotomy by extending its wing into the retrolingular fossa, protecting the vital structures and providing a posterior stop to limit the extension of osteotomy. The said device also facilitates the safe execution of medial cut during osteotomy.

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

(22) Date of filing of Application :01/09/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SYSTEM FOR WASTE HEAT RECOVERY FROM MULTISTAGE BOOSTER, EJECTOR VACUUM SYSTEM DURING THE PROCESSING OF VEGETABLE OILS 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></ul>	:F01K13/02 :NA :NA :NA	(71)Name of Applicant:  1)ASHOK GHOSH  Address of Applicant: C/O. SRI ANUP GHOSH,  ANANDAPARA EXTENSION, (NEAR KADAMTALA BUS
(86) International Application No	:PCT//	TERMINALS), P.O. JALPAIGURI, DIST JALPAIGURI West
Filing Date (87) International Publication No	: NA	Bengal India (72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)ASHOK GHOSH
(62) Divisional to Application Number	:NA ·NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a system for waste heat recovery from multistage booster, ejector vacuum system during the processing of vegetable oils, comprising the following components: RO WATER / DM WATER OR SOFT WATER supply, steam vacuum interface, oil inlet & outlet pipe line, steam injection nozzle, heat exchanger, flue gas heat pipe, the barometric cooling tower, a plurality of steam jet ejectors (Z- ejector/Dry ejector), tail pipe of all the vacuum systems (Bleacher / De-odouriser / Hydrogenation and Interesterification) connected to hot water generator, a re- circulation pump with necessary pipe lines and a hot water generator; wherein water is heated with the live high pressure steam coming from the tail pipe of the Z- ejector(Dry-ejector) of the vacuum system; and wherein the said hot water from the hot water generator is re-circulated through a recirculation pump to a heat exchanger to exchange heat with cold vegetable oils & fats or boiler feed water and itself (hot water) gets cooled and returning back to hot water generator through pipe line, and the method for the same. Fig-2

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

(21) Application No.887/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :14/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A PASTING MACHINE

(51) Intermediated algorithms	.D21D1/60	(71) Name of Applicant.
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)NILAY BISWAS
(32) Priority Date	:NA	Address of Applicant :VILL: KUSURIYA (EAST),
(33) Name of priority country	:NA	PRITINAGAR PAYRADANGA, RANAGHAT DIST-NADIA
(86) International Application No	:NA	PIN-741247 West Bengal India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NILAY BISWAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention describes a pasting machine for preparing the paste of hard natural ingredients for beauty treatment. The machine is operated by frictional force between stone & ingredients. The material holder holds the material (material to be processed) vertically to the grinding stone by spring pressure. The half portion of the stone sinks under the base liquid. There is one input hole & one output hole arrangement in both cells to fill the cell with base liquid for processing & drain out the processed material.

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

(22) Date of filing of Application :14/08/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: LOW COST INTELLIGENT COLORIMETER USING COLOR LEDS

(51) International classification	:G01J3/50	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. SIDDHARTHA BHATTACHARYYA
(32) Priority Date	:NA	Address of Applicant :RCC INSTITUTE OF INFOMATION
(33) Name of priority country	:NA	TECHNOLOGY CANAL SOUTH ROAD, BELIAGHATA,
(86) International Application No	:NA	KOLKATA - 700015, WEST BENGAL India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. SIDDHARTHA BHATTACHARYYA
(61) Patent of Addition to Application Number	:NA	2)DR. SANKHA SUBHRA MUKHERJEE
Filing Date	:NA	3)PROF. (DR). PARAMARTHA DUTTA
(62) Divisional to Application Number	:NA	4)PROF. (DR). SUSANTA CHAKRABORTY
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a very low cost colorimeter that is conceived using color LEDs, microcontroller and artificial neural networks. LEDs of the three primary colors Red, Green and Blue are used to measure the primary components of the reflected light from a printed patch under a bright white illuminant. The LEDs are interfaced with a microcontroller (PIC18F4550) to measure the reflected: light intensity falling on each sensor LED. Depending upon the wavelengths reflected from the printed patch produced by the three LEDs, photocurrents of varying magnitude are produced. The microcontroller interface transforms this into another form of representation - the time it takes the photocurrent to discharge the internal capacitor. Various techniques to map this data from sensor readings to actual color values are considered. Then an artificial neural network is trained with the data (comprising a 256 color palette) right after the data has been normalized in the 0.0-1.0 range. Once the desired degree of accuracy has been obtained in the training of the network, the updated weights are then saved and can be used to map sensor readings to actual color values.

No. of Pages: 25 No. of Claims: 6

(21) Application No.890/KOL/2015 A

(19) INDIA

(22) Date of filing of Application: 18/08/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention : A SYSTEM AND METHOD TO TURN AN ORDINARY PMR OF EYE GLASSES INTO A SMART HEAD-UP DISPLAY COMPUTING 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>	:NA :NA :NA	(71)Name of Applicant:  1)AFREED ISLAM  Address of Applicant:20 NEELKAMAL PATH,  HATIGAON, GHY, 38, ASSAM India  (72)Name of Inventor:
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)AFREED ISLAM
(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 system in which an ordinary pair of eyeglasses is converted into a smart head-up display computing device that can be controlled using smart phones and other computing devices. The eyeglass is aided with a wireless module connected to a very small display that projects the received audio, video and GPS signals; the projection of the very small display is magnified to receive a larger optimizing image for the eyes to be able to see. Figure 1 Depicts the proposed system. This system if attached to any ordinary eyeglasses can turn it to a smart head-up display computing device that can be controlled by smart phones and other computing devices. Figure 2 Depicts the proposed system attached to an ordinary eyeglass and turning the eyeglass in to a smart head-up display computing device that can be controlled by smart phones and other computing devices. Figure 3 Depicts the complete system with the components of the device that can be controlled by smart phones and similar computing devices.

No. of Pages: 9 No. of Claims: 5

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : AN IONIC EROSION FREE ELECTRON CYCLOTRON RESONANCE-RADICAL ENHANCED-ATOMIC LAYER DEPOSITION SYSTEM

(51) International classification	:H01L21/205	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. GOURANGA SUNDAR TAKI
(32) Priority Date	:NA	Address of Applicant :C-13/11, KARUNAMOYEE
(33) Name of priority country	:NA	HOUSING ESTATE, BIDHANNAGAR, SALTLAKE CITY,
(86) International Application No	:NA	KOLKATA-700091 INDIA West Bengal
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. GOURANGA SUNDAR TAKI
(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 an Electron Cyclotron Resonance-Radical Enhanced-Atomic Layer Deposition (ECR-RE-ALD) system which develops ionic erosion free uniform films at a high deposition rate. The ECR mirror magnetic field is generated by permanent magnets. The supply of plenty cold secondary electrons in plasma reduces the plasma potential causing the extraction of positive ions from ECR plasma at very low energy level. Moreover, a specially configured electric and magnetic field at the exit of plasma source stops the propagation of ions and electrons towards the substrate. The higher particle deposition rate is obtained by a direct flow of reactive radicals from plasma. The use of filters and a conical horn makes the deposition uniform. Thus the system produces ionic erosion free uniform films of several atomic layers.

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

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: WIND AND SOLAR ENERGY POWERED RAILWAY COACHING STOCK.

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B61B1/00 :NA :NA	(71)Name of Applicant:  1)SAYAK DUTTA GUPTA  Address of Applicant: 14/1, MADHAB MUKHERJEE LANE,
(33) Name of priority country	:NA	BALLY, HOWRAH -711201 WEST BENGAL. India
(86) International Application No Filing Date	:NA :NA	2)DR. GOURANGA SUNDAR TAKI (72)Name of Inventor :
(87) International Publication No	: NA	1)SAYAK DUTTA GUPTA
(61) Patent of Addition to Application Number	:NA	2)DR. GOURANGA SUNDAR TAKI
Filing Date  (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

This invention relates to wind and solar energy harnessing from railway coaching stock. The system comprises of solar panels mounted on the coach roof and wind turbines attached to the coach bellies. Wind induced by train motion is captured and properly channelized to run these turbines during the run time of the train. This efficiently generated power by the turbine drives the air conditioning load. The solar panels also generate substantial power during day time to meet the basic requirement of illumination and cabin fans. In both the cases, the surplus power charges the accumulators which supply on demand during night time. The system is hence a green solution for powering the hotel load of standard railway coaches.

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

(22) Date of filing of Application :03/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A MANUAL AND SEMIAUTOMATIC DOUBLE DUAL CLUTCH TRANSMISSION SYSTEM FOR 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></ul>	:H04N11/20 :NA :NA :NA	(71)Name of Applicant: 1)PRIYAMOHAN SAHU Address of Applicant: PO-MANAPADA, VIA. ATTABIRA, DISTRICT-BARGARH, ODISHA, PIN-768028 India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)PRIYAMOHAN SAHU
(61) Patent of Addition to Application Number	:NA	
Filing Date  (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to an automatic manual transmission with both manual and semiautomatic mode transmission with purely a mechanical shifting mechanism without any electronic control circuit adopted to transfer power from engine to drive line of a motor vehicle or to change the gear with or without using clutch. The double dual clutch transmission system of the present invention consists of four clutches, three hollow output shafts, one input hollow shaft. Here the shifting mechanism is different and thus no electronic control circuit is required and without the clutch pedal press the present invention can change the gear just by the sequential shifting and no interruption of power occurred like the manual transmission. The present invention can change the gear while driving instantly without using clutch and with using clutch also. The input shaft is connected to flywheel and other three out hollow shafts are concentric and connected to clutches to connect to flywheel.

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

(22) Date of filing of Application :21/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DEVICE FOR MEASURING NOISE CONTROL BEHAVIOR OF ANY SAMPLE MATERIAL.

:G01H17/00	(71)Name of Applicant:
:NA	1)Dr. Mallika Datta
:NA	Address of Applicant :BH-68, SEC-II, Saltlake City, Kolkata-
:NA	700091, West Bengal, INDIA.
:PCT//	(72)Name of Inventor:
:01/01/1900	1)Dr. Mallika Datta
: NA	
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA

#### (57) Abstract:

The present invention is all about a device for measuring noise-control behavior of any sample material. The device includes a sound generator for generating a sound wave, a sound detector for measuring energy of the generated sound wave, a sound chamber cooperatively disposed with respect to the said sound generator and the said sound detector and providing a propagation path of the sound wave from the sound source to the sound detector, a testing sample holder for holding the said sample material in the said sound chamber. The testing sample holder accommodates the said sample material for measuring transmission loss in the generated sound wave energy due to introduction of the testing sample material in the sound wave propagation path to favour measuring the noise-control behavior of the material.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :24/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A SIGNAL 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> </ul>	:H04L27/04 :NA :NA :NA :PCT// :01/01/1900 : NA	(71)Name of Applicant: 1)SATYA RANJAN SAHOO Address of Applicant: C/o- Satchidananda Sahoo Basudev Filling Station, Nimapara Dist- Puri, Odisha, Pin- 752106 India (72)Name of Inventor: 1)SATYA RANJAN SAHOO
$\varepsilon$		
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a signal transmission device for identifying the presence of an emergency vehicle in the vicinity of another non-emergency vehicle moving in the same direction, using data Communication mechanism, as to avoid accidents and delay in transportation of the emergency vehicles. Such signal transmitting device further comprises of one master and slave component that further transmit short and long-range radio frequency signals in the distance range of 30 - 50 meters and 150 - 250 meters respectively. The master component, as installed in an emergency vehicle, consists of transmitters for long range and short range radio-frequencies, array of infrared signal transmitter, direction sensors and at least one parabolic antenna, to send signals only to slave components. Similarly, the slave component is installed in a non-emergency vehicle, comprises receivers for long range and short range radio frequencies, direction sensors; array of IR receiving sensors and visual and audio signal indicating elements, to receive signals only from master components.

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

(21) Application No.915/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :26/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A TIME WARP AND FREE ENERGY MACHINE

(51) International classification	:F03G7/10	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BARUAH GAUTAM
(32) Priority Date	:NA	Address of Applicant :NEMATI ROAD, BORIGAON,
(33) Name of priority country	:NA	JORHAT-785001, ASSAM, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BARUAH GAUTAM
(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:

If we place 1kg object in water it must displace 1kg of water before submerging to remain afloat. The invention enables construction of a plane solid surface where an object tends to have part of its weight not supported even at the position of rest. Then according to the law of conservation of energy the object sinks in the time dimension (1) and mathematically gets length contracted to support its, weight. The present invention also enables generation of artificial gravity and action at a distance analogous to movement on a curved space in keeping with time symmetry and energy conservation.

No. of Pages: 34 No. of Claims: 3

(22) Date of filing of Application :27/08/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: ISOLATION OF ANTIGEN SPECIFIC NANOBODIES FROM CAMELID BLOOD

<ul> <li>(51) International classification</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>	C12N11/02 :NA :NA :NA :PCT//	Address of Applicant :FLAT 4G, SUDRISHTI APARTMENT, 153 NSC BOSE ROAD, KOLKATA -700 040, WEST BENGAL, INDIA 2)PAUL, PRAMATHADHIP
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:01/01/1900 : NA :NA :NA :NA :NA	(72)Name of Inventor: 1)BANERJEE, ENA RAY 2)PAUL, PRAMATHADHIP

#### (57) Abstract:

Method of isolation of antigen-specific nanobodies from camelid blood comprising the following steps: a) following immunization protocol of suitable breed of camelid as desired, b) separation of peripheral blood lymphocytes, c) Isolation of RNA from Peripheral Blood Lymphocyte, d) synthesis of first-strand c-dna, e) First PCR reaction involving using suitable reagents and setting temperature 95°C for 5 minutes, 95°C for 45 Sec, 57°C for 45 sec, 72°C for 45 sec, 72°C for 10 minutes, 4°C for storing and the PCR was ran for 35 cycles, f) Gel eluting first pcr product in the manner such as herein described, g) Second PCR reaction, h) Purification of product digest by PstI and NotI, i) plasmid isolation (PHEN4 vector) – maxi preparation in the manner such as herein described, j) harvesting cell, k) plasmid purification, l) digestion of PHEN4 vector, by PstI and NotI in the manner such as herein described, m) gel eluting digested phen4 product, n) ligation reaction, o) competent cell preparation of TG1, p) transformation involving taking 200 ult transformed cells and putting on LB agar plate containing ampicillin, q) undertaking colony screening, r) undertaking colony PCR and finally s) preparation of phagemids.

No. of Pages: 44 No. of Claims: 5

(22) Date of filing of Application :11/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: RADIO TRACKING SYSTEM FOR FLYING PLATFORMS

	******	
(51) International classification	:H01Q1/42	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN CENTER FOR SPACE PHYSICS
(32) Priority Date	:NA	Address of Applicant :43 CHALANTIKA, GARIA
(33) Name of priority country	:NA	STATION RD., KOLKATA-700084 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DEBASHIS BHOWMICK
(87) International Publication No	: NA	2)SANDIP K. CHAKRABARTI
(61) Patent of Addition to Application Number	:NA	3)ARNAB BHATTACHARYA
Filing Date	:NA	4)RITABRATA SARKAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to a radio tracking system and in particular, this invention relates to the radio tracking system which is light enough to be carried along with main instruments of a small sized balloon. More particularly, this present invention also relates to a radio tracking system which consists of the wireless communicator, GPS receiver, microcontroller, transmitter and receiver which are used independent of cellular network or iridium satellite. Furthermore, this present invention relates to the radio tracking system which when coupled to a software enables one to recover the payloads immediately after returning to the ground at the termination of the atmospheric and space data acquisition.

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

(21) Application No.875/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :11/08/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A MULTI BALLOON LAUNCH SYSTEM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B64B1/40 :NA :NA	(71)Name of Applicant: 1)INDIAN CENTRE FOR SPACE PHYSICS Address of Applicant: 43 CHALANTIKA, GARIA STATION
(33) Name of priority country	:NA	ROAD, KOLKATA 700084 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANDIP K. CHAKRABARTI
(87) International Publication No	: NA	2)DEBASHIS BHOWMICK
(61) Patent of Addition to Application Number	:NA	3)RITABRATA SARKAR
Filing Date	:NA	4)ARNAB BHATTACHARYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to a multi balloon launch system and in particular, this invention relates to a multi balloon launch system by which small scale scientific measurements can be done at constant heights for a considerable amount of time. More particularly, this present invention relates to a multi balloon launch system which can float a set of instruments in a near constant altitude for hours together thereby facilitating acquisition of scientific data from space at a very low cost. Furthermore, this invention also relates to the multi balloon launch system which has the beneficial effects of being futuristic, safe, reliable, light weight, repeatable with low turn around time and with commercially available power supply.

No. of Pages: 27 No. of Claims: 6

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

#### (54) Title of the invention: DISPLAY MANAGEMENT FOR HIGH DYNAMIC RANGE VIDEO

(51) International classification :H04N9/67,H04N5/20,G06T5/00 (71)Name of Applicant :

:NA

(31) Priority Document No :61/767,380 (32) Priority Date :21/02/2013 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2014/016304

No

:13/02/2014 Filing Date

(87) International Publication No: WO 2014/130343

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

(62) Divisional to Application :NA Number

Filing Date

1)DOLBY LABORATORIES LICENSING

CORPORATION

Address of Applicant: 100 Potrero Avenue, San Francisco, California 94103-4813 UNITED STATES OF AMERICA

(72) Name of Inventor: 1) ATKINS, Robin 2)KUNKEL, Timo

3)BEIER, Thaddeus

4) CHEN, Tao

#### (57) Abstract:

A display management processor receives an input image with enhanced dynamic range to be displayed on a target display which has a different dynamic range than a reference display. The input image is first transformed into a perceptually corrected IPT color space. A non linear mapping function generates a first tone mapped signal by mapping the intensity of the input signal from the reference dynamic range into the target dynamic range. The intensity (I) component of the first tone mapped signal is sharpened to preserve details and the saturation of the color (P and T) components is adjusted to generate a second tone mapped output image. A color gamut mapping function is applied to the second tone mapped output image to generate an image suitable for display onto the target display. The display management pipeline may also be adapted to adjust the intensity and color components of the displayed image according to specially defined display modes.

No. of Pages: 35 No. of Claims: 25

(21) Application No.756/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :14/07/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MIMO SYSTEM MODEL ADAPTABLE FOR DIFFERENT CHANNEL CONFIGURATIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:H04B7/06 :NA :NA :NA :PCT// :01/01/1900 : NA :NA	(71)Name of Applicant:  1)CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT (CUTM)  Address of Applicant: HIG-5, Phase -1, BDA Duplex Pokhariput, Khurda Dt., Bhubaneswar Orissa India (72)Name of Inventor:  1)Abinash Gaya
(62) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present invention relates to a wireless communication system that comprises of Multi input Multi output (MIMO) means. More specifically, the Multi input multi output (MIMO) means includes plurality of transmitting and receiving means and a channel utilized for the multi input and multi output means. Further, the MIMO is adaptable for different channel configurations as a common platform.

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

(21) Application No.512/KOL/2015 A

(19) INDIA

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

# (54) Title of the invention: A CIRCUIT BREAKER ARRANGEMENT

(51) International classification	·H01H33/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABDUS SUKUR
(32) Priority Date	:NA	Address of Applicant :VILL: BARUA, P.O: BELDANGA,
(33) Name of priority country	:NA	DIST: MURSHIDABAD, WEST BENGAL, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABDUS SUKUR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

This invention relates to a circuit breaker and in particular, this invention relates to the circuit breaker having a three phase line. This invention also relates to the circuit breaker which is simple in structure, small in outline size, convenient to operate, and easy to assemble. This invention also relates the circuit breaker in which automatic closing only can be completed when the three phase power supply is qualified perfectly; and a problem that loop closing cannot be realized when multiple power supplies are electrified can be solved and the closing alarming function is realized.

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

(22) Date of filing of Application :11/08/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: AN ORIENTATION MEASUREMENT UNIT FOR UNGUIDED INSTRUMENTS

(51) International classification	:G01R33/06	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN CENTRE FOR SPACE PHYSICS
(32) Priority Date	:NA	Address of Applicant :43 CHALANTIKA, GARIA STATION
(33) Name of priority country	:NA	ROAD, KOLKATA 700084 West Bengal India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARNAB BHATTACHARYA
(87) International Publication No	: NA	2)RITABRATA SARKAR
(61) Patent of Addition to Application Number	:NA	3)DEBASHIS BHOWMICK
Filing Date	:NA	4)SANDIP K. CHAKRABARTI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to an orientation measurement unit and in particular, this invention relates to an orientation measurement unit which consists of an attitude and heading reference system having Micro Electro Mechanical Systems (MEMS) sensor modules to determine the attitude of a set of unguided instruments and payloads. More particularly, this present invention also relates to an orientation measurement unit which is used to measure the attitude of a payload on-board a weather balloon. Furthermore, this invention also relates to an orientation measurement unit having the exact orientation of the detectors facing the sky in order to infer the nature of the obtained data and their respective sources. Moreover, this invention also relates to orientation measurement unit having the exact orientation of the detectors facing the sky in order to infer the nature of the obtained data and their respective sources and a software identifies the source of each signal detected at every instant of time.

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

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

# (54) Title of the invention : A SELF DISABLED SYRINGE WITH SPRINGED PROPS IN CAPPED POUCHES AND IMPACTED NEEDLE.

(51) International classification	:A61H39/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KAUNTEYA GHOSH
(32) Priority Date	:NA	Address of Applicant :PURBACHAL HOUSING ESTATE,
(33) Name of priority country	:NA	PHASE II, FLAT 2R-5/2, SECTOR - III, SALT LAKE,
(86) International Application No	:NA	KOLKATA - 700097, WEST BENGAL, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KAUNTEYA GHOSH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention relates to a syringe with springed props in capped pouches and in particular, this invention relates to a syringe with springed props in capped pouches on the surface of the plunger. More particularly, this present invention relates to a syringe wherein the cap that has slid off and is crumpled by the serrated part of the ripper falls down on the surface of the plunger. Furthermore, this invention also relates to the syringe with springed props in capped pouches which has the beneficial effects of having safety and reliability.

No. of Pages: 25 No. of Claims: 12

(21) Application No.697/KOL/2015 A

(19) INDIA

(22) Date of filing of Application :23/06/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: Near Shore Breaking Wave Converter 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> </ul>	:NA :NA :NA :PCT// :01/01/1900	(71)Name of Applicant:  1)SHREYASH KUMAR  Address of Applicant: C/O Deepak Kumar Behind Gurudwara PO,PS- Mihijam Dist-Jamtara Jharkhand India (72)Name of Inventor:  1)SHREYASH KUMAR
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	
Filing Date	:NA	

#### (57) Abstract:

A near shore breaking wave energy converter mechanism uses a wave breaker to break wave energy into potential energy, by raising waves above current sea level, and allowing them to fall on a guiding channel placed at a sufficient height, which also prevents the energy of falling water back into sea. The water flowing into this guiding channel is allowed to hit an undershot waterwheel which finally converts the kinetic energy of water into mechanical energy.

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

# **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.10594/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

(54) Title of the invention: BASE STATION DEVICE COMMUNICATION CONTROL METHOD AND NON TRANSITORY COMPUTER READABLE MEDIUM CONTAINING COMMUNICATION CONTROL PROGRAM

:NA

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

:H04W72/04,H04W72/12 (71)Name of Applicant : :2012152624 1)NEC CORPORATION

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72)Name of Inventor : 1)INAIDA Yusuke

#### (57) Abstract:

Filing Date

This base station device (50) is a base station device (50) for allocating communication resources to terminal devices. The base station device (50) is characterized by being equipped with a congestion estimation unit (51) for estimating a degree of congestion at the base station device (50) and a resource control unit (52) for controlling the amounts of resources to be allocated to the terminal devices on the basis of the degree of congestion estimated by the congestion estimation unit (51).

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

(21) Application No.10595/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : POLYISOBUTYLENE COMPOSITION HAVING INTERNAL VINYLIDENE AND PROCESS FOR PREPARING THE POLYISOBUTYLENE POLYMER COMPOSITION

<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>	:C08F10/10,C08F2/00,C08L23/22 :61/661071 :18/06/2012 :U.S.A.	(71)Name of Applicant:  1)PETROCHEMICAL SUPPLY INC.  Address of Applicant: 3707 FM 1960 West Suite 560 Houston TX 77068 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/046333 :18/06/2013	(72)Name of Inventor: 1)BAXTER C. Edward Jr
(87) International Publication No	:WO 2013/192186	
<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:

A polyisobutylene composition has polyisobutylene molecules with a first portion having a alpha vinylidene molecules a second portion having beta vinylidene molecules and a third portion having internal vinylidene molecules. The first portion has less than 75% of the polyisobutylene molecules of the composition. A total of the first portion and the second portion is less than 90% of the polyisobutylene molecules of the composition. The third portion is more than 3% of the polyisobutylene molecules of the composition. A process for forming this polyisobutylene polymer composition passes an isobutylene through a fixed bed reactor having a boron trifluoride/alcohol complex therein so as to produce the polyisobutylene composition.

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

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: DRAFT SHIELD FOR A BALANCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:11/07/2013 :WO 2014/032841 :NA	(71)Name of Applicant:  1)METTLER TOLEDO AG  Address of Applicant: Im Langacher 44 CH 8606 Greifensee Switzerland (72)Name of Inventor:  1)WANG Heqiao
(61) Patent of Addition to Application		

(21) Application No.10596/DELNP/2014 A

#### (57) Abstract:

A draft shield (1) for a balance has a rear wall (2) a front wall (11) two side walls (9, 10) a top cover 8 and rail members (3, 4) which extend from the upper corners of the rear wall (2) to the upper corners of the front wall (11) and carry guide tracks (5, 6, 7) in which the top cover (8) and the side walls (9, 10) are slidably seated. According to the invention each rail member (3, 4) includes at its front end a spring element and a holder element which are integrally connected to the rail members (3, 4) and are made of one piece with the latter. The spring elements and the holder elements are arranged on the rail members (3, 4) in such a way that the front wall (11) can be inserted between the spring elements (16) and the holder elements (17) and as a result of said insertion the front wall (11) will be secured to the rail members (3, 4).

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

(21) Application No.10597/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: HIGH CONCENTRATION HYDROGEN GAS SUPPLY DEVICE FOR LIVING BODIES

(51) International classification: C25B1/10,A61M16/10,C25B9/00 (71)Name of Applicant: (31) Priority Document No :2012127296

(32) Priority Date :04/06/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/064175 No

:22/05/2013 Filing Date

(87) International Publication :WO 2013/183448

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)MIZ CO. LTD.

Address of Applicant :16 5 Zengyo 1 chome Fujisawa shi

Kanagawa 2510871 Japan (72)Name of Inventor: 1)SATOH Fumitake

2)KUROKAWA Rvousuke 3)SATOH Bunpei

4)SEO Tomoki

A high concentration hydrogen gas supply device for living bodies includes: an electrolytic bath (1) which includes an electrolytic chamber (11) to which raw water to be electrolyzed (12) is introduced at least one partition (13) that divides the electrolytic chamber into the inside and the outside and at least one pair of electrode plates (14, 15) provided respectively for the inside and the outside of the electrolytic chamber and sandwiching the partition and in which the electrode plate located in the outside of the electrolytic chamber makes contact with the partition; a direct current power supply (2) for applying a direct current voltage to the pair of the electrode plates; and a diluent gas supplier (3) for diluting hydrogen gas generated from the electrode plate serving as the cathode. The hydrogen gas supply device makes the diluent gas supplied from the diluent gas supplier flow to the cathode to supply mixed gas that includes the hydrogen gas and the diluent gas and that has a hydrogen gas concentration of 0.1 to 18.3 vol% to a living body while maintaining the hydrogen gas concentration in the vicinity of the cathode during electrolysis always at lower than 18.3 vol%.

No. of Pages: 26 No. of Claims: 11

(21) Application No.10600/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: DISCHARGE GAS TREATMENT SYSTEM

(51) International

:B01D53/62,B01D53/14,C01B31/20

classification

(31) Priority Document No :2012136069

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

:15/06/2012

(86) International Application: PCT/JP2013/065591

:05/06/2013

Filing Date

(87) International Publication :WO 2013/187294

(61) Patent of Addition to :NA

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

**Application Number** Filing Date

:NA :NA

(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)NAGAYASU Hiromitsu

2)KAMIJO Takashi

3)SATO Yuichiro

4)HIRATA Takuya

5)TANAKA Hiroshi

6)HORIZOE Kouji

#### (57) Abstract:

A discharge-gas treatment system which includes: a C02 absorption tower (32) in which an introduced combustion discharge gas (11) is brought into countercurrent contact with an amine-based absorption liquid serving as a CO2-absorbing liquid, thereby removing CO2; and an absorption-liquid regeneration tower (33) in which the CO2 absorbed in the amine-based absorption liquid is released therefrom to regenerate the amine-based absorption liquid. The lean solution (3 lb) resulting from the removal of CO2 in the absorption-liquid regeneration tower (33) is supplied to the CO2 absorption tower (32) and reutilized as an amine-based absorption liquid (lean solution (3 1b)). The CO2 absorption tower (32) is equipped with: a CO2 absorption part (34) in which the CO2 contained in the combustion discharge gas (11) is absorbed by the amine-based absorption liquid (lean solution (1b)); and a water-repellent filter part (36) which has been disposed on the upper (gas -flow downstream) side of the CO2 absorption part (34) and which collects the misty amine-based absorption liquid that has accompanied the C02-free discharge gas (12A). The misty amine that has accompanied the CO2-free discharge gas (12A) is collected.

No. of Pages: 43 No. of Claims: 7

(21) Application No.10604/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MAGNETIC SWITCH ACTUATORS

(51) International classification	:H01H36/00,H03K17/97	(71)Name of Applicant:
(31) Priority Document No	:201220222096.2	1)GENERAL EQUIPMENT AND MANUFACTURING
(32) Priority Date	:14/05/2012	COMPANY INC. D/B/A TOPWORX INC.
(33) Name of priority country	:China	Address of Applicant :3300 Fern Valley Road Louisville KY
(86) International Application No	:PCT/US2013/040462	40213 U.S.A.
Filing Date	:10/05/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/173171	1)PENNING Bruce Robert
(61) Patent of Addition to Application	:NA	2)LAFOUNTAIN Robert Lynn
Number		3)SIMMONS Michael John
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Magnetic switches are disclosed herein. An example apparatus includes a mount 104 and a switch actuator assembly 102 coupled to the mount. The switch actuator assembly includes a body 106 a trigger 200 and a first magnet 204 oriented to be attracted to a second magnet 202. Movement of the body from a first position to a second position causes relative movement between the first magnet and the second magnet and relative movement between the trigger and a switch.

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

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

(54) Title of the invention: NASAL DELIVERY DEVICES

(51) International classification :A61M15/08 (31) Priority Document No :0420513.4 (32) Priority Date :15/09/2004

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

:PCT/GB2005/003549 (72)Name of Inventor : (86) International Application No Filing Date :15/09/2005

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

(62) Divisional to Application Number :2005/DELNP/2007

Filed on :15/09/2005

# (71)Name of Applicant:

1)OPTINOSE AS

Address of Applicant :Oslo Innovation Center, Gaustadalleen

21. N- 0349 Oslo, Norway Norway

1)PER GISLE DJUPESLAND 2)RODERICK PETER HAFNER 3)COLIN DAVID SHELDRAKE

(21) Application No.10605/DELNP/2014 A

#### (57) Abstract:

A nasal delivery device for and method of delivering substance to a nasal cavity of a subject, the delivery device comprising: a container-receiving unit comprising a container chamber for receiving a substance-containing container which contains substance to be delivered to the nasal cavity of the subject, the container chamber including an inlet and an outlet; a nosepiece unit including a nosepiece for fitting to a nasal cavity of the subject and being in fluid communication with the outlet of the container chamber; a mouthpiece unit including a mouthpiece in fluid communication with the inlet of the container chamber and through which the subject in use exhales, such as to entrain substance from the container and deliver the same through the nosepiece; and moisture-mitigation means for mitigating an effect of moisture in an exhaled breath on the entrainment of substance from the container, which means are provided, for example, by providing the container in a replaceable container-containing member, by a pressure-sensitive valve which normally closes the fluid connection between the container chamber and the mouthpiece, and a temperature regulator upstream of the container chamber.

No. of Pages: 53 No. of Claims: 77

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: DEVICE WITH PENETRABLE SEPTUM AND CLOSURE NEEDLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A61B10/00 :61/659382 :13/06/2012 :U.S.A. :PCT/US2013/045732 :13/06/2013 :WO 2013/188703 :NA	(71)Name of Applicant:  1)DR. PY INSTITUTE LLC Address of Applicant: 201 Housatonic Avenue New Milford CT 06776 U.S.A. (72)Name of Inventor: 1)PY Daniel
(86) International Application No	:PCT/US2013/045732	(72)Name of Inventor:
(87) International Publication No		
Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A device has a sealed chamber; a first penetrable septum in fluid communication with the chamber that is formed of an elastic material and is penetrable by a first injection member to fill the first chamber with a substance therethrough; and a second penetrable septum movable between first and second positions. In the first position at least a portion of the second septum is spaced away from the first septum to allow the injection member to penetrate the first septum and aseptically or sterile fill the chamber with a substance therethrough. In the second position the portion of the second septum overlies and seals a resulting injection aperture in the first septum after withdrawal of the first injection member therefrom and is penetrable by a second injection member to penetrate the first and second septums and withdraw a filled substance from the chamber and through the second injection member.

No. of Pages: 71 No. of Claims: 70

(21) Application No.10610/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: VARIABLE ANGLE BONE FIXATION DEVICE

(51) International classification	:A61B17/80,A61B17/86	(71)Name of Applicant:
(31) Priority Document No	:13/534831	1)SYNTHES GMBH
(32) Priority Date	:27/06/2012	Address of Applicant :Eimattstrasse 3 CH 4436 Oberdorf
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2013/047884	(72)Name of Inventor:
Filing Date	:26/06/2013	1)KOAY Kenny
(87) International Publication No	:WO 2014/004668	2)MCMILLAN Rod
(61) Patent of Addition to Application	:NA	3)KOBAYASHI Kenneth
Number	:NA	4)HAAG Rene
Filing Date	.NA	5)LIMOUZE Robert
(62) Divisional to Application Number	:NA	6)WAHL Mike
Filing Date	:NA	7)ROCCI Mirko

#### (57) Abstract:

A bone fixation element includes a threaded head and a shaft extending along a longitudinal axis from a proximal end to a distal end an outer surface of the head being one of carburized and nitrided and including a first groove extending into an outer surface of the head along a path interrupting the threading and extending along an angle counter to an angle of the threading.

No. of Pages: 63 No. of Claims: 31

(21) Application No.10611/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: FOLDING ANTENNA 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></ul>	:H01Q1/24,H01Q1/08,H01Q21/30 :2012139079 :20/06/2012 :Japan	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075 Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2013/062891 :08/05/2013	(72)Name of Inventor: 1)MURAKAMI Tomomichi 2)YOSHINO Yoshitaka
No (61) Patent of Addition to Application Number Filing Date	:WO 2013/190927 :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present invention provides a folding antenna device that becomes compact when being carried and is capable of receiving radio waves in a plurality of frequency bands when actually used as an antenna. The folding antenna device is equipped with a first case to which a first antenna is attached a second case to which a second antenna is attached and a hinge component capable of folding the first and second cases together. The first and/or second antenna can assume two states a state of being housed in the respective case and a state of being extended from the respective case and is capable of receiving a radio wave in a first frequency band when in the housed state and receiving a radio wave in a second frequency band when in the extended state.

No. of Pages: 43 No. of Claims: 12

(21) Application No.10612/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: BANKNOTE PROCESSING APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:NA :NA :NA :PCT/JP2012/065093 :13/06/2012 :WO 2013/186865 :NA :NA	(71)Name of Applicant: 1)GLORY LTD. Address of Applicant: 3 1 Shimoteno 1 chome Himeji shi Hyogo 6708567 Japan (72)Name of Inventor: 1)NAKASHIMA Yoshiomi 2)NAKAI Kozen 3)ASADA Toshihide
Filing Date	:NA	

#### (57) Abstract:

A banknote processing apparatus (100) sorts banknotes. The banknote processing apparatus (100) is provided with a taking in unit (10) that takes in banknotes one by one a conveyance unit (70) that conveys the banknotes taken in by the taking in unit (10) a distinguishing unit (20) that obtains information for distinguishing the banknotes conveyed by the conveyance unit (70) a control unit (50) that controls the conveyance unit (70) such that the banknotes distinguished by the distinguishing unit (20) are conveyed to either one of a plurality of accumulation units (60a 60h) on the basis of a sorting pattern and a sorting type reception unit (40) that receives at least one sorting type. The control unit (50) determines the types of banknotes to be accumulated at each of the accumulation units (60a 60h) on the basis of the number of accumulation units (60a 60h) and the sorting types and creates the sorting pattern.

No. of Pages: 40 No. of Claims: 11

(21) Application No.10613/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : SUNSCREEN COMPOSITIONS CONTAINING AN ULTRAVIOLET RADIATION ABSORBING POLYESTER

<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>	:A61K8/06,A61K8/81,A61Q17/04 :13/535890 :28/06/2012 :U.S.A.	(71)Name of Applicant:  1)JOHNSON & JOHNSON CONSUMER COMPANIES INC.  Address of Applicant: 199 Grandview Road Skillman New
(86) International Application No Filing Date (87) International Publication No	:PCT/US2013/046316 :18/06/2013 :WO 2014/004169	Jersey 08558 U.S.A. (72)Name of Inventor: 1)DALY Susan 2)BURGO Rocco Vincent
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Compositions including an oil phase substantially homogeneously distributed in a continuous water phase the oil phase including a sunscreen agent that includes a UV absorbing polyester in an amount effective to provide the composition with an SPF of about 10 or greater and which is the polymerization reaction product of monomers including a UV absorbing triazole a diester a diol and a tetrol polyol; an alkylated polyvinylpyrrolidone; and an emulsifier selected from anionic emulsifier and/or a non ionic emulsifier where the composition is substantially free of a non polymeric UV absorbing sunscreen agent and has an SPF of less than 2 in the absence of the UV absorbing polyester.

No. of Pages: 27 No. of Claims: 18

(21) Application No.10614/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHODS FOR SELECTION OF INTROGRESSION MARKER PANELS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:13/06/2013 :WO 2013/188606 :NA :NA :NA	(71)Name of Applicant:  1)AGRIGENETICS INC.  Address of Applicant: 9330 Zionsville Road Indianapolis IN 46268 1054 U.S.A. (72)Name of Inventor:  1)ROBBINS Kelly R.  2)BACKLUND Jan Erik
Filing Date	:NA	

#### (57) Abstract:

This disclosure concerns marker assisted plant selection and breeding. In specific embodiments methods of identifying optimized marker panels for predicting the presence of a plant trait of interest and/or marker panels thereby identified are provided.

No. of Pages: 57 No. of Claims: 22

(21) Application No.10635/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: REGENERATION OF CATALYST FOR HYDROGENATION OF SUGARS

(51) International classification :B01J29/90,B01J23/94,C07C5/10 (71)Name of Applicant: (31) Priority Document No 1)ARCHER DANIELS MIDLAND COMPANY :61/651021 (32) Priority Date :24/05/2012 Address of Applicant :4666 Faries Parkway Decatur Illinois (33) Name of priority country :U.S.A. 62526 U.S.A. (72)Name of Inventor: (86) International Application :PCT/US2013/036901 No 1)MA ChiCheng :17/04/2013 Filing Date (87) International Publication :WO 2013/176803 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

A process for regenerating catalysts that have been deactivated or poisoned during hydrogenation of biomass sugars and polysaccharides is described in which polymerized species that have agglomerated to catalyst surfaces can be removed by means of washing the catalyst with hot water at subcritical temperatures. A feature of the process regenerates the catalysts in situ which allows the process to be adapted for used in continuous throughput reactor systems. Also described is a continuous hydrogenation process that incorporated the present regeneration process.

No. of Pages: 30 No. of Claims: 24

(21) Application No.10636/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: INJECTION ASSEMBLY

(51) International classification	:A61M5/32,A61M5/31	(71)Name of Applicant :
(31) Priority Document No	:12/55945	1)LABORATOIRE AGUETTANT
(32) Priority Date	:22/06/2012	Address of Applicant :1 rue Alexander Fleming F 69007 Lyon
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2013/051455	(72)Name of Inventor:
Filing Date	:21/06/2013	1)HUET Gildas
(87) International Publication No	:WO 2013/190249	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to an injection assembly (2) which includes a pre filled injection device (3) such as a syringe provided with a coupling tip (16) for example such as Luer Lock and a protective device (4) including a protective portion (23) removably mounted on the coupling tip (16) a supporting portion (30) connected to the protective portion (23) and an injection element (34) removably mounted on the supporting portion (30) in a storage position. The injection element (34) includes an injection needle (35) and a connection tip (36) in fluid communication with the injection needle (35) the connection tip (36) being suitable for being mounted on the coupling tip (16) of the injection device (3) in a use position of the injection element (34). The injection element (34) and the supporting portion (30) are arranged such that in the storage position of the injection element (34) the connection tip (36) is accessible in order for engagement with the coupling tip (16).

No. of Pages: 19 No. of Claims: 15

(21) Application No.10637/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR THE PREPARATION OF 2 4 DIHYDROXYBUTYRATE

<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</li> <li>Application Number Filing Date</li> <li>(62) Divisional to Application</li> </ul>	:10/07/2013	(71)Name of Applicant:  1)ADISSEO FRANCE S.A.S.  Address of Applicant: Immeuble Antony Parc II 10 place du Gnral de Gaulle F 92160 Antony France (72)Name of Inventor:  1)WALTHER Thomas 2)CORDIER HI ne 3)DRESSAIRE Clmentine 4)FRANCOIS Jean Marie 5)HUET Robert
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#### (57) Abstract:

The present invention concerns a method for the preparation of 2,4- dihydroxybutyric acid from homoserine comprising a first step of conversion of the primary amino group of homoserine to a carbonyl group to obtain 2-oxo-4- hydroxybutyrate and a second step of reduction of the obtained 2-oxo-4- hydroxybutyrate (OHB) to 2,4-dihydroxybutyrate

No. of Pages: 156 No. of Claims: 22

(21) Application No.10638/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : SEPARABLY DRIVEN ROTOR PORTIONS AND ASSOCIATED METHOD FOR THRESHING GRAIN

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A01F7/06 :61/659208 :13/06/2012 :U.S.A. :PCT/US2013/045172 :11/06/2013 :WO 2013/188398 :NA :NA	(71)Name of Applicant:  1)PIONEER HI BRED INTERNATIONAL INC.  Address of Applicant: 7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A.  (72)Name of Inventor:  1)JOHNSON David L.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Separably driven rotor portions (30) for a combine harvester (10) and a method for threshing grain using separably driven rotor portions are provided. The combine harvester is moved through harvest material comprising grain material and material other than grain (MOG). The grain material is separated from the MOG using multiple processing areas. The auger portion (70) may be stopped or rotated at a slower speed with respect to rotation of the threshing portion (80) to simulate the gathering of a large amount of crop material even when small plots are involved thereby providing the benefits of large plot harvesting to small plot applications.

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

(21) Application No.10639/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: YEAST CONTAINING SILAGE INOCULANTS FOR THE ENHANCEMENT OF SILAGE DIGESTION AND FERMENTATION IN THE RUMEN

(51) International classification :A23K3/00,A23K3/03,A23K1/18 (71) Name of Applicant: (31) Priority Document No :61/658757

(32) Priority Date :12/06/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/045081 :11/06/2013

Filing Date (87) International Publication No:WO 2014/007946

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

:NA Number :NA Filing Date

(57) Abstract:

1)PIONEER HI BRED INTERNATIONAL INC.

Address of Applicant:7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A.

(72) Name of Inventor: 1)OWENS Fredric 2)SMILEY Brenda

The invention relates to compositions for use as silage inoculants comprising a yeast strain one or more bacterial stains and a suitable carrier. The invention also relates to methods of improving livestock animal silage and meat and milk performance of a livestock animal.

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

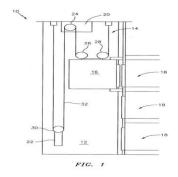
(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: ACTIVELY DAMPING VERTICAL OSCILLATIONS OF AN ELEVATOR CAR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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)OTIS ELEVATOR COMPANY Address of Applicant:10 Farm Springs Road Farmington Connecticut 06032 U.S.A. (72)Name of Inventor: 1)SCHONAUER Uwe
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#### (57) Abstract:

A system is provided for damping vertical oscillations of an elevator car stopped at an elevator landing. The system includes an elevator traction sheave that receives a torque a sensor that provides a sensor signal indicative of the torque a controller that provides a control signal based on the sensor signal and a motor that applies the torque to the sheave. Oscillations in the torque correspond to the vertical oscillations of the car stopped at the landing during a first (e.g. position control) mode of operation. The motor drives the sensor signal towards a baseline value in response to receiving the control signal during a second (e.g. constant torque control) mode of operation in order to reduce the vertical oscillations of the car.



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

(21) Application No.10621/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : MOTOR VEHICLE WITH A CENTRAL CONSOLE COMPRISING AN AIR CONDITIONING 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>	:06/06/2013 :WO 2013/182821 :NA :NA	(71)Name of Applicant:  1)RENAULT S.A.S. Address of Applicant:13 15 quai Le Gallo F 92100 Boulogne billancourt France (72)Name of Inventor: 1)REDDY Ravindranatha 2)SRIVATHSAN Kaustubhan 3)JOSHI Deepak
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A motor vehicle with a central console comprising an air conditioning system. A motor vehicle comprising at least two rows (3, 6) of seats (4, 5) and a central console (8) located between two seats (4, ) of the first row of seats (3) upstream from the second row (6) of seats said central console (8) comprising an air conditioning system capable of blowing air towards the second row (6) of seats. Said air conditioning system comprises a casing a ventilation system and a heat exchanger said ventilation system and said heat exchanger being mounted inside the unit and arranged substantially vertically one above the other. Reference: Figure

No. of Pages: 14 No. of Claims: 9

(21) Application No.10622/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

(54) Title of the invention: HIGH EFFICIENCY MINING METHOD FOR PERCUSSING FALLING MATERIALS WITHOUT TRAPPING MATERIALS AND HIGH EFFICIENCY MINING MACHINE FOR PERCUSSING FALLING MATERIALS WITHOUT TRAPPING MATERIALS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:10/05/2013 :WO 2013/170629 :NA :NA	(71)Name of Applicant:  1)LIU Suhua  Address of Applicant: Yanzhou Haizhi Mechanical and Electrical Technology Co. LTD Xinyanzhen Industrial Park Yanzhou Shandong 272100 China (72)Name of Inventor:  1)LIU Suhua
- 1	:NA :NA :NA	

#### (57) Abstract:

A high efficiency mining machine for percussing falling materials without trapping materials. A machine body of the mining machine is provided with a falling material percussion mechanism (3). The falling material percussion mechanism (3) comprises an outer layer material percussion mechanism (4) and an inner layer material percussion mechanism (5). The outer layer material percussion mechanism (4) comprises outer layer material percussion teeth (4.1). The outer layer material percussion teeth are disposed so that materials percussed down by the inner layer material percussion mechanism flow out through gaps between the outer layer material percussion teeth and/or a discharge hole (8) is reserved in the outer layer material percussion mechanism so that materials percussed down by the inner layer material percussion mechanism flow out through the discharge hole (8) of the outer layer material percussion mechanism. The inner layer material percussion mechanism comprises inner layer material percussion teeth (5.1). The inner layer material percussion mechanism and the outer layer material percussion mechanism work with each other to implement percussion and discharge of falling materials. Also disclosed is a high efficiency mining method for percussing falling materials without trapping materials. The mining machine has a simple structure and works in a reliable way.

No. of Pages: 62 No. of Claims: 39

(21) Application No.10623/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FOUNDATION FOR WIND TURBINES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:E02D27/42 :10 2012 211 888.8 :06/07/2012 :Germany :PCT/EP2013/061869 :10/06/2013 :WO 2014/005795 :NA :NA	(71)Name of Applicant:  1)WOBBEN PROPERTIES GMBH  Address of Applicant: Dreekamp 5 26605 Aurich Germany (72)Name of Inventor:  1)ALBERS Karsten  2)EGBERTS Hendrik  3)MEYER Ingo  4)SOUSA Srgio
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#### (57) Abstract:

The invention relates to a device (1) in particular having: a support structure which can be driven in a rotary manner about an axis X a plurality of rods which are aligned parallel or conically approaching each other relative to the axis X and are preferably uniformly distributed around the support structure along a circumference wherein each of the rods is connected to the support structure by means of two or more spokes and have a plurality of recesses on the outer side thereof facing away from the support structure which are configured to receive reinforcement material a number of spokes corresponding to the number of rods can be arranged in a plane perpendicular to the axis X and the lengths of the spokes are adjustable by motor in a telescoping manner.

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

(21) Application No.10626/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: INTEGRATED MANUFACTURING AND TEST PROCESS PLATFORM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:G06Q10/08 :61/647349 :15/05/2012 :U.S.A. :PCT/US2013/041247 :15/05/2013 :WO 2013/173521 :NA :NA	(71)Name of Applicant:  1)SPACELABS HEALTHCARE LLC Address of Applicant: 35301 SE Center St Snoqualmie WA 98065 U.S.A. (72)Name of Inventor: 1)DEKKER Martin
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present specification provides a novel process platform that replaces paper based work instructions and data collection used for manufacturing products. Specifically the present specification provides a method and platform for performing automated testing of a product being manufactured. The process platform of the present invention may be deployed at multiple locations and be integrated with existing quality control systems. The process platform includes a plurality of pre defined instructions and is programmed to execute these instructions automatically at different stages for performing desired quality checks on the product being manufactured at multiple manufacturing stages.

No. of Pages: 36 No. of Claims: 30

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CONFIGURABLE PORTABLE PATIENT MONITORING 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 Filing Date</li> </ul>	:G08B23/00 :61/647361 :15/05/2012 :U.S.A. :PCT/US2013/041246 :15/05/2013 :WO 2013/173520 :NA :NA	(71)Name of Applicant:  1)SPACELABS HEALTHCARE LLC Address of Applicant: 35301 SE Center St Snoqualmie WA 98065 U.S.A. (72)Name of Inventor: 1)QUALEY Bruce 2)BRITT Scott 3)SHETTY Nityanand
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#### (57) Abstract:

A system for patient monitoring includes a plurality of components including a monitor and display assembly optional stand alone displays optional stand alone monitors one or more modules and at least one patient parameter measuring device. The display includes a flat glass front with a blackened border that appears continuous but allows the passage of light during alarm situations. The display functions as a touchscreen and includes a portion for alarm volume control. The system also includes a docking station for the monitor and display assembly and capnography and/or multigas pods for attachment to the monitor and display assembly. The monitor and display assembly docking station and pods enhance portability of the system. The monitor and display assembly module(s) and patient parameter measuring device(s) are all interconnected via Dual Serial Bus (DSB) interfaces.

No. of Pages: 46 No. of Claims: 20

(21) Application No.10628/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD FOR MANUFACTURING MODIFIED WHEY COMPOSITION MODIFIED WHEY COMPOSITION AND METHOD FOR MANUFACTURING CALCIUM ENRICHED MODIFIED WHEY COMPOSITION

:A23C21/10,A23C21/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MORINAGA MILK INDUSTRY CO. LTD. :2012136106 (32) Priority Date Address of Applicant: 33 1 Shiba 5 chome Minato ku Tokyo :15/06/2012 (33) Name of priority country 1088384 Japan :Japan (86) International Application No :PCT/JP2013/066523 (72) Name of Inventor: Filing Date :14/06/2013 1)ODAKA Mirei (87) International Publication No :WO 2013/187519 2)MURAKAMI Tomoya (61) Patent of Addition to Application 3)SAKAI Yohei :NA Number 4)MIYAUCHI Kiyotaka :NA Filing Date 5)KOISHIHARA Hiroshi (62) Divisional to Application Number :NA Filing Date :NA

# (57) Abstract:

oA method for manufacturing a modified whey composition said method comprising a solution preparing step for preparing a starting whey solution with the use of a whey composition containing whey protein and a heating step for heating the starting whey solution wherein: the solution preparing step involves a treatment of adding an alkali to the whey composition; the pH value of the starting whey solution is 6.8-8.0 and the protein concentration in the solution is 1.3 mass% or less; the starting whey solution to be heated has a calcium content of 400-700 mg/100 g of solids; and the heating treatment is conducted at 80-150 °C for 1 sec to 30 min.

No. of Pages: 61 No. of Claims: 8

(21) Application No.10629/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: ANTI TUMOUR RESPONSE TO MODIFIED SELF EPITOPES

:NA

:G01N33/574,A61K39/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SCANCELL LIMITED :1214007.5 (32) Priority Date :07/08/2012 Address of Applicant : Academic Clinical Oncology City (33) Name of priority country Hospital Hucknall Road Nottingham Nottinghamshire NG5 1PB :U.K. (86) International Application No :PCT/GB2013/052109 U.K. Filing Date :07/08/2013 (72) Name of Inventor: (87) International Publication No :WO 2014/023957 1)DURRANT Linda Gillian (61) Patent of Addition to Application 2)BRENTVILLE Victoria Anne :NA Number 3)METHERINGHAM Rachel Louise :NA Filing Date (62) Divisional to Application Number :NA

# (57) Abstract:

Filing Date

Anti tumour immune responses to modified self epitopes The present invention relates to the use of tumour associated epitopes in medicine and in particular in the treatment of cancer. The epitopes stimulate an immune reaction against the tumour and have a modification selected from deimination of arginine to citrulline nitration of tyrosine oxidation of tryptophan and deamination of glutamine or asparagine. The invention also relates to nucleic acids comprising sequences that encode such epitopes for use in the treatment of cancer.

No. of Pages: 132 No. of Claims: 18

(21) Application No.10630/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: PLANT PROPAGATION

(51) International classification :A01H4/00,A01H5/04,A01H5/06 (71)Name of Applicant:

(31) Priority Document No :1210374.3 (32) Priority Date :12/06/2012

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

(86) International Application :PCT/GB2013/051543

No Filing Date

:12/06/2013

(87) International Publication No:WO 2013/186558

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)NEW ENERGY FARMS LIMITED

Address of Applicant :209 Erie Road North Leamington

Ontario N8H 3A5 Canada (72) Name of Inventor: 1)CARVER Paul Adrian

2)TIESSEN Dean William

# (57) Abstract:

The present application relates generally to the field of plant propagation. In particular the present invention relates to a method for the propagation of vegetatively reproducing plants and plants and plant parts produced by such methods. The invention also provides encapsulated propagules. The invention also provides various end uses for the encapsulated propagules and for plants grown from the same. The invention also provides a method for the modification of the architecture of rhizomes and rhizomes having modified architecture and a method for the modification of the architecture of stem cuttings and stem cuttings having modified architecture. The invention also provides a coating for a propagule and a propagule coated therewith.

No. of Pages: 36 No. of Claims: 37

(21) Application No.10642/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: COVER FOR MOBILE DEVICE WITH ECOLOGICAL LIGHTER

(51) International classification: A45C11/00,B65D81/02,F23Q7/14 (71) Name of Applicant:

:22/04/2013

:WO 2013/179154

:61/652890 (31) Priority Document No (32) Priority Date :30/05/2012

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

(86) International Application :PCT/IB2013/053166

No

Filing Date

(87) International Publication

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SELA Sagi

Address of Applicant: Yigal Yadin 18 5845320 Holon Israel

(72)Name of Inventor:

1)SELA Sagi

2)SHARIPOV, Eli

3)AMSHIKASHVILI, Shalva

4)BITON, Ilan 5)ZOR, Eyal

# (57) Abstract:

A portable electric cigarette lighter or mobile device accessory with integrated portable electric cigarette lighter the mobile device accessory including: (a) a protective accessory for a mobile device; (b) an electric lighter mechanism integrated into the protective accessory the lighter mechanism including: (i) a heating element (ii) a power source (iii) an actuator adapted to activate the heating element by operationally coupling the heating element to the power source and (d) a slide shutter adapted to reversibly expose the heating element.

No. of Pages: 21 No. of Claims: 17

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD AND APPARATUS FOR CONFIGURING AN OPTICAL PATH

(51) International classification	:H04B10/516,H04L1/00,H04B10/079	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
(31) Priority Document No	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)CAVALIERE Fabio
(86) International Application No Filing Date	:PCT/EP2012/062802 :02/07/2012	
(87) International Publication No	:WO 2014/005613	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An optical path for transmission of data from a source node (601) to a destination node comprises an optical channel for parallel transmission of non over lapping frequency carriers. The frequency separation of the carriers is lower than the baud rate. The optical path is configured by (a) determining (201) a path OSNR (OSNRp) of the path; (b) selecting (203) a carrier bandwidth (BW) so that the channel bandwidth (BWT) is less than or equal to a maximum path bandwidth (B) available for transmission, wherein the channel bandwidth, BT BW.C, wherein BWis the carrier bandwidth and C is the number of frequency carriers; (c) selecting (204) a FEC code having a minimum overhead requirement; (d) determining (205) a channel OSNR (OSNR T) based on the currently selected carrier bandwidth (BW) of carrier frequencies and the currently selected FEC code; (e) in response to determining that the channel OSNR (OSNR T) is not less than or equal to the path OSNR (OSNR P), reselect (211) new codes having increasing overhead requirements until the channel OSNR (OSNR T) is less than the path OSNR (OSNR), and if this is not possible in crease the channel bandwidth (BW) of carrier frequencies and return to step (c); (h) configuring (215) the path for transmission based on the finally selected channel bandwidth (BT) of carrier frequencies and the finally selected FEC code.

No. of Pages: 24 No. of Claims: 14

(21) Application No.10646/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: ROLLING WHEEL DEFLECTOMETER

(51) International :E01C23/01,G01B11/16,G01M5/00 classification

(31) Priority Document No :NA

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

(86) International Application :PCT/DK2012/050204

:14/06/2012 Filing Date

(87) International Publication

:WO 2013/185759

(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)DYNATEST INTERNATIONAL A/S

Address of Applicant: Naverland 32 DK 2600 Glostrup

Denmark

(72) Name of Inventor:

1)MADSEN Jakob Find

# (57) Abstract:

A method and an apparatus (1) for rolling wheel deflection measurement. The apparatus comprises: A rolling wheel (4) to be moved along a measuring surface (2) in a first direction. A frame (6) extending essentially along said measuring surface (2) in said first direction from at least said rolling wheel (4). Four spaced apart range sensors (7 8 9 10), Means for scanning in a first time interval a number of lines using each of said range sensors (7 8 9 10) so as to get a corresponding number of virtual images in which the pixel values represent distances. Dataprocessing means adapted for comparing and matching said virtual images so as to identify corresponding regions and for calculating a deflection value using matched pixel values of virtual images from said virtual images based on said identification corresponding regions.

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

12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

(54) Title of the invention : ABSORBENT ARTICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A61F13/475 :NA :NA :NA :PCT/EP2012/061010 :11/06/2012 :WO 2013/185800 :NA :NA :NA	(71)Name of Applicant:  1)SCA HYGIENE PRODUCTS AB Address of Applicant: S 405 03 Gteborg Sweden (72)Name of Inventor:  1)FREDRIKSON Susanne 2)JOHANSSON Charlotte
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------

(21) Application No.10647/DELNP/2014 A

#### (57) Abstract:

(19) INDIA

The invention concerns an absorbent article (1) such as a sanitary napkin or incontinence pad having longitudinal side edges and transversal end edges and comprising a fluid permeable topsheet (8) a fluid impermeable backsheet (9) and an absorbent core (10) located between the topsheet (8) and the backsheet (9). The absorbent core (10) comprises a first absorbent layer (11) having an opening (12) extending there through and a fluid flow control structure (13) located between said first absorbent layer (11) and said backsheet (9). The first absorbent layer (11) has a longitudinal front portion (6) and a longitudinal back portion (7) and a narrow transversal transition (14) located between said front portion (6) and said back portion (7). The width of the narrow transversal transition (14) is 50-75% of the widest transversal width of the front portion (6) of the first absorbent layer (11) and 20-50% of the longitudinal length of the opening (12) is located in the front portion (6) of the first absorbent layer (11).

No. of Pages: 19 No. of Claims: 16

(21) Application No.10631/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : MEDICAL SYSTEM FOR ENDOVASCULAR TEMPERATURE CONTROL OF BLOOD AND MEDICAL CATHETER

(51) International :A61B17/3207,A61F7/12,A61B17/22

:Germany

classification (31) Priority Document No :10 2012 104 381.7

(32) Priority Date :22/05/2012

(33) Name of priority country

(86) International

Application No :PCT/EP2013/059925

Filing Date :14/05/2013

(87) International :WO 2013/174676

Publication No
(61) Patent of Addition to

Application Number
Filing Date

(62) Divisional to
Application Number
Filing Date

:NA
:NA
:NA
:NA

(71)Name of Applicant:

1)ACANDIS GMBH & CO. KG

Address of Applicant : Kolpingstrae 5 76327 Pfinztal Germany

(72)Name of Inventor: 1)CATTANEO Giorgio

# (57) Abstract:

The invention relates to a medical system for endovascular temperature control of blood and for recanalization of a blood vessel said medical system having a delivery means (10) a radially compressible treatment device (11) in particular a recanalization device (11) which in the compressed state is arranged to be longitudinally movable in the delivery means (10) and by being released from the delivery means (10) is radially expandable for the recanalization of the blood vessel and a temperature control element (12) for controlling the temperature of blood wherein the treatment device (11) in particular the recanalization device (11) can be positioned distally with respect to the temperature control element (12) in such a way that during use blood which is temperature controlled by the temperature control element (12) flows to the recanalization site in the blood vessel.

No. of Pages: 51 No. of Claims: 20

(21) Application No.10632/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: PULSATION FREE POSITIVE DISPLACEMENT ROTARY PUMP

(51) International classification: F04B1/047,F04B1/107,F04B9/04 (71) Name of Applicant:

:WO 2013/175277

(31) Priority Document No :PCT/IB2012/001003

(32) Priority Date :23/05/2012

(33) Name of priority country :PCT

(86) International Application :PCT/IB2013/000819

No

:02/05/2013 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

1)SWISSINNOV PRODUCT SARL

Address of Applicant : Rue Etraz 1 CH 1196 Gland

Switzerland

(72) Name of Inventor: 1)NAVARRO Thierry 2)JUNOD Florent

# (57) Abstract:

The invention relates to a pump comprising two pistons placed in a rotor situated in a stator forming two opposite parallel eccentric pumping chambers having at least one inlet port through which the fluid is drawn into at least one of the pumping chambers during the filling movement of at least one of the pistons and subsequently expelled from at least one of the pumping chambers during the emptying movement of at least one of the pistons to at least one outlet port characterized by an inlet cavity in connection with the inlet port an outlet cavity in connection with the outlet port and two port changeover transition zones situated between each side of the cavities.

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

(21) Application No.10633/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SYSTEMS AND METHODS FOR BIASING A BUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:H03K19/0175 :NA :NA :NA :PCT/US2012/038800 :21/05/2012 :WO 2013/176649 :NA	(71)Name of Applicant:  1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant: 132 Fairgrounds Road West Kingston RI 02892 U.S.A. (72)Name of Inventor: 1)ROHR Daniel J. 2)JENKINS Richard Earl
		2)621 (XII (S XICHAI C EAI)
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

A bi-directional differential bus interface that includes a differential transmitter having a non inverting terminal and an inverting terminal a differential receiver having a non inverting terminal and an inverting terminal and a biasing circuit that is electrically coupled to the non inverting terminal of the differential transmitter and the inverting terminal of the differential transmitter. The biasing circuit is configured to generate a voltage between the non inverting terminal of the differential transmitter and the inverting terminal of the differential transmitter that is approximately 200 mV or more in response to assertion of a control signal received on a control input of the biasing circuit.

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

(19) INDIA

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

(21) Application No.10634/DELNP/2014 A

(43) Publication Date: 11/09/2015

### (54) Title of the invention: INHALER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:16/05/2013 :WO 2013/175176 :NA :NA	(71)Name of Applicant:  1)VECTURA DELIVERY DEVICES LIMITED Address of Applicant: One Prospect West Chippenham Wiltshire SN14 6FH U.K. (72)Name of Inventor: 1)MELINIOTIS Andreas 2)SOLLY Andrew 3)CLARKE Roger 4)MCGUINNESS Liam
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

An inhaler comprising a housing defining a chamber to receive a strip having a plurality of blisters each containing a dose of medicament for inhalation by a user is disclosed. It comprises an inhaler comprising a housing to receive a strip having a plurality of blisters each blister having a puncturable lid and containing a dose of medicament for inhalation by a user a mouthpiece mounted to the housing and through which a dose of medicament is inhaled by a user a blister piercing member mounted for rotation about a first axis and an actuating mechanism including an actuating lever mounted for rotation about a second axis to sequentially move each blister into alignment with the blister piercing member wherein the actuating lever cooperates with the blister piercing member so that the blister piercing member pivots about said first axis in response to rotation of the actuating member from an initial position about the second axis to puncture the lid of an aligned blister so an airflow through the blister is generated to entrain the dose contained therein and carry it via the mouthpiece into the users airway when a user inhales through the mouthpiece. The inhaler comprises an actuating lever load control member to control the force that must be applied to the actuating lever to cause it to rotate from its initial position such that a biasing force is applied to the actuating lever throughout all or at least a substantial portion of the stroke of the actuating lever.

No. of Pages: 55 No. of Claims: 24

(21) Application No.10591/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

(54) Title of the invention: BIOMASS CONVERSION SYSTEMS PROVIDING INTEGRATED STABILIZATION OF A HYDROLYSATE USING A SLURRY CATALYST FOLLOWING BIOMASS PRETREATMENT AND METHODS FOR USE **THEREOF** 

:C10G3/00,C10G1/00,C10G1/06 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/665668 (32) Priority Date :28/06/2012

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

(86) International Application No:PCT/US2013/048222

Filing Date :27/06/2013 (87) International Publication No: WO 2014/004848

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SHELL INTERNATIONALE RESEARCH

MAATSCHAPPIJ B.V.

Address of Applicant: Carel van Bylandtlaan 30 NL 2596 The

Hague Netherlands (72) Name of Inventor:

1)POWELL Joseph Broun

# (57) Abstract:

Digestion of cellulosic biomass solids to form a hydrolysate may be conducted with integrated catalytic reduction during digestion to transform soluble carbohydrates in the hydrolysate into a more stable reaction product. Such integrated catalytic reduction may be conducted using a slurry catalyst. Biomass conversion systems for performing integrated catalytic reduction can comprise: a hydrothermal digestion unit that contains a slurry catalyst capable of activating molecular hydrogen; an optional hydrogen feed line that is operatively connected to the hydrothermal digestion unit; a fluid circulation loop comprising the hydrothermal digestion unit and a catalytic reduction reactor unit the catalytic reduction reactor unit also containing the slurry catalyst; a pretreatment digestion unit that is not part of the fluid circulation loop and does not contain the slurry catalyst; and a solids transport mechanism operatively connecting the pretreatment digestion unit to the hydrothermal digestion unit.

No. of Pages: 90 No. of Claims: 19

(21) Application No.10592/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: NEW HYDROXYSAFFLOR YELLOW PHARMACEUTICAL SALTS

(51) International :C07D309/10,A61K36/286,A61P7/02

classification (31) Priority Document No :201310048480.4

(32) Priority Date :07/02/2013
(33) Name of priority

country :China

(86) International :PCT/CN2014/000180

Application No Filing Date :26/02/2014

(87) International Publication No :WO 2014/121666

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

Filing Date
(62) Divisional to
Application Number
Filing Date

SNA
:NA

(71)Name of Applicant:

1)ZHEJIANG YONGNING PHARMACEUTICAL CO LTD

Address of Applicant : YANG Dan No. 4 Meihuajinglu Huangyan District Taizhou Zhejiang 318020 China

(72)Name of Inventor:

1)YE Fengqi 2)CAI Ben 3)LU Min

4)CHEN Yongling

### (57) Abstract:

Provided are new hydroxysafflor yellow A pharmaceutical salts as presented in formula (I), in particular new monomer compounds of potassium, ammonium, calcium, and magnesium salts of hydroxysafflor yellow A, preparation method therefor, and medical uses thereof. Compared to hydroxysafflor yellow A, the hydroxysafflor yellow A pharmaceutical salts of the present invention have a purity of at least 98% and are monomer compounds that are safer, more effective, stable, and controllable. The salts have the effects against PAF- or ADP -induced platelet aggregation, and can be used in treating blood circulatory disorders such as platelet aggregation, coronary artery diseases, angina, and acute cerebral ischemia to the effect comparable to hydroxysafflor yellow A. M and n are defined as in the description.

No. of Pages: 62 No. of Claims: 10

(21) Application No.10863/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: OCCLUSION DEVICE FOR AN ATRIAL APPENDAGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) 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>	:A61B17/12 :61/671433 :13/07/2012 :U.S.A. :PCT/US2013/050060 :11/07/2013 :WO 2014/011865	(71)Name of Applicant:  1)BOSTON SCIENTIFIC SCIMED INC.  Address of Applicant: One Scimed Place Maple Grove  Minnesota 55311 U.S.A.  (72)Name of Inventor:  1)PEIFFER Dennis A  2)TISCHLER Brian 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	3)LEY Timothy J 4)CLARK Christopher J 5)CHAU Thyna M

# (57) Abstract:

Occlusion device (10) for an atrial appendage the device having proximal (12) and distal ends (14) and a central axis and comprising a cage like structure (16) formed of struts (18) the struts having proximal strut ends and distal strut ends wherein at the proximal end of the device the struts extend towards the central axis and are connected to each other at their proximal strut ends and wherein at least some of the struts are connected to each other at their distal strut ends within the cage like structure so that the struts form an atraumatic distal end of the device.

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

(21) Application No.10865/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: GAS SEPARATION DEVICE AND GAS SEPARATION METHOD

(51) International classification: B01D53/04,B01J20/06,B01J20/34 (71) Name of Applicant: (31) Priority Document No :2012137888 1)TOKYO GAS CO.LTD. (32) Priority Date Address of Applicant: 5 20 Kaigan 1 chome Minato ku Tokyo :19/06/2012 (33) Name of priority country :Japan 1058527 Japan 2)ADSORPTION TECHNOLOGY INDUSTRIES LTD. (86) International Application :PCT/JP2013/066448 3)KYUSHU UNIVERSITY NATIONAL UNIVERSITY :14/06/2013 Filing Date CORPORATION (87) International Publication 4) JNC ENGINEERING CO. LTD. :WO 2013/191097 (72) Name of Inventor: (61) Patent of Addition to 1)FUJIMINE Tomoya :NA **Application Number** 2)NAKASHIMA Yoshifumi :NA Filing Date 3)IZUMI Jun (62) Divisional to Application 4)MIURA Norio :NA Number 5)TANIUCHI Tadashi :NA Filing Date 6)KUROKI Manabu

## (57) Abstract:

A gas separation device having a simple structure and reducing the cost of gas separation. The gas separation device (100) is characterized by comprising: an adsorption tower (110) having at least one section thereof exposed to an atmosphere having a higher or lower temperature than normal temperature; a mixed gas supply unit (120); an adsorption agent (130) provided inside the adsorption tower and that once coming in contact with mixed gas in a prescribed pressure and temperature environment adsorbs matter contained in the mixed gas and separates the matter in the mixed gas; a separated gas discharge unit (140) that discharges separated gas from the adsorption tower; and an adsorption gas discharge unit (150) that reduces the pressure inside the adsorption tower and discharges from the adsorption tower the adsorption gas adsorbed by the adsorption agent. The gas separation device is also characterized by having heat storage bodies (160) through which mixed gas separated gas and adsorption gas pass arranged in the adsorption tower both further on the upstream side and the downstream side in the mixed gas supply direction of the adsorption agent.

No. of Pages: 45 No. of Claims: 11

(21) Application No.10854/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: ELONGATE MEDICAL INSTRUMENT WITH SHEATH

(51) International classification	:A61M25/01,A61B1/005	(71)Name of Applicant :
(31) Priority Document No	:61/650800	1)VERITRACT
(32) Priority Date	:23/05/2012	Address of Applicant :383 Colorow Drive Salt Lake City Utah
(33) Name of priority country	:U.S.A.	84108 U.S.A.
(86) International Application No	:PCT/US2013/042534	2)NIEMAN, Timothy R.
Filing Date	:23/05/2013	3)HANOVER Barry K
(87) International Publication No	:WO 2013/177469	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)NIEMAN Timothy R.
Number	:NA	2)HANOVER Barry K.
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An elongate medical instrument that may comprise steering mechanisms optical sensors light emitters and/or fluid flow paths is disclosed. A removable sheath may be utilized to isolate the instrument from contamination when the instrument is used within the human body. The sheath may be disposable or reusable. In some instances the elongate device may be used to position other components such as elongate tubes.

No. of Pages: 48 No. of Claims: 27

(21) Application No.10855/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: RADIATION DOSIMETER AND RADIATION DOSE CALCULATION METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:20/05/2013 :WO 2013/183434 :NA :NA	(71)Name of Applicant:  1)NATIONAL UNIVERSITY CORPORATION SHIZUOKA UNIVERSITY Address of Applicant:836 Ohya Suruga ku Shizuoka shi Shizuoka 4228529 Japan (72)Name of Inventor: 1)AOKI Toru 2)KOIKE Akifumi
1 (01110 01	:NA :NA :NA	

#### (57) Abstract:

This radiation dosimeter is equipped with: a radiation detector for detecting radiation; a shield member for covering the radiation detector; and a microcomputer for calculating a radiation dose on the basis of the energy of radiation detected by the radiation detector and a conversion factor that is defined according to the energy of radiation scattered by the shield member. The radiation detector detects the radiation scattered by the shield member. According to this radiation dosimeter sensitivity of radiation detection can be improved and accuracy of dose measurement can be improved without complicating the structure thereof.

No. of Pages: 41 No. of Claims: 6

(21) Application No.10856/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: ENHANCED EFFICIENCY ENERGY RECOVERY VENTILATION CORE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:F28F3/00 :13/546633 :11/07/2012 :U.S.A. :PCT/US2013/049559 :08/07/2013 :WO 2014/011535 :NA :NA	(71)Name of Applicant:  1)KRATON POLYMERS U.S. LLC Address of Applicant: 16400 Park Row Houston Texas 77084 U.S.A. (72)Name of Inventor: 1)TAN Kuitian
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

An energy recovery system having a core unit permitting heat and moisture exchange between air streams passing therethrough the core unit having two or more multilayer composite structures the multilayer composite structure being made up of: a porous rigid or semi rigid frame having a plurality of holes passing from a first surface to a second surface and which can be corrugated and a polymeric film comprising a sulfonated block copolymer bonded to at least one of the first and second surfaces of the frame covering said plurality holes.

No. of Pages: 54 No. of Claims: 38

(21) Application No.10857/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: STRUCTURAL INTEGRATED WIRING LOOM

(51) International classification	:B60R16/02,B32B5/26	(71)Name of Applicant:
(31) Priority Document No	:1210733.0	1)BAE SYSTEMS PLC
(32) Priority Date	:18/06/2012	Address of Applicant :6 Carlton Gardens London SW1Y 5AD
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2013/051500	(72)Name of Inventor:
Filing Date	:07/06/2013	1)HUCKER Martyn John
(87) International Publication No	:WO 2013/190267	2)GOUGH David William
(61) Patent of Addition to Application	:NA	3)DUNLEAVY Michael
Number	:NA	4)HAQ Sajad
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

According to the invention there is provided a Structural integrated wiring loom comprising at least one conductor comprising at least one first conductive fibre ply wherein said at least one first conductive fibre ply comprises at least two electrical connectors a separator structure comprising at least one first non conductive fibre ply and at least one second non conductive fibre ply said separator structure encapsulating said at least one conductor a screen structure which encapsulates said separator structure said screen structure comprising at least one second conductive fibre ply and at least one third conductive fibre ply wherein said device is encapsulated a binder matrix. The device may be used to replace structural panels on a vehicle vessel or craft to transfer electrical power or RF signals data transmission around a composite structure.

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

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHODS AND SYSTEMS FOR OLEFIN POLYMERIZATION

(51) International classification	:C08F2/01,C08F2/34	(71)Name of Applicant:
(31) Priority Document No	:61/677802	1)UNIVATION TECHNOLOGIES LLC
(32) Priority Date	:31/07/2012	Address of Applicant :5555 San Felipe Suite 1950 Houston
(33) Name of priority country	:U.S.A.	TX 77056 U.S.A.
(86) International Application No	:PCT/US2013/046480	(72)Name of Inventor:
Filing Date	:19/06/2013	1)SAVATSKY Bruce J.
(87) International Publication No	:WO 2014/022006	2)PEQUENO R. Eric
(61) Patent of Addition to Application	:NA	3)LYNN Timothy R.
Number	:NA	4)HUSSEIN F. David
Filing Date	.1171	5)ZILKER Daniel P.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Methods and systems for olefin polymerization are provided. The method for olefin polymerization can include flowing a catalyst through an injection nozzle and into a fluidized bed disposed within a reactor. The method can also include flowing a feed comprising one or more monomers one or more inert fluids or a combination thereof through the injection nozzle and into the fluidized bed. The feed can be at a temperature greater than ambient temperature. The method can also include contacting one or more olefins with the catalyst within the fluidized bed at conditions sufficient to produce a polyolefin.

No. of Pages: 57 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SYSTEM AND METHOD OF DYNAMIC REGULATION OF REAL POWER TO A LOAD

(51) International classification	:H02P23/14,H02P27/04	(71)Name of Applicant:
(31) Priority Document No	:13/551973	1)EATON CORPORATION
(32) Priority Date	:18/07/2012	Address of Applicant: 1000 Eaton Boulevard Cleveland OH
(33) Name of priority country	:U.S.A.	44122 U.S.A.
(86) International Application No	:PCT/US2013/048854	(72)Name of Inventor:
Filing Date	:01/07/2013	1)OLSSON Eric Jon
(87) International Publication No	:WO 2014/014642	2)LU Bin
(61) Patent of Addition to Application	:NA	3)YAN Ting
Number	:NA	4)FREDETTE Steven John
Filing Date	.11/11	5)LUEBKE Charles John
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

A system and method for controlling an AC motor drive includes a control system programmed with an algorithm configured to optimize operation of the motor drive. Specifically the control system is programmed to input an initial voltage frequency command to the drive. The initial voltage frequency command includes a voltage reference and a frequency reference corresponding to an operating point of an initial voltage/frequency (V/Hz) curve. The control system monitors a real time output of the drive modifies the voltage reference based on the real time output of the drive and transmits a modified voltage frequency command to the drive. The modified voltage frequency command corresponds to an operating point of a modified V/Hz curve defined by the modified voltage reference and the initial V/Hz curve.

No. of Pages: 54 No. of Claims: 20

(21) Application No.10599/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD OF MANUFACTURING ANTIMICROBIAL EXAMINATION GLOVES

(51) International :A61B19/04,A41D19/00,B29C41/14 classification

(31) Priority Document No :1208443.0 (32) Priority Date :11/05/2012

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

(86) International :PCT/GB2012/000488

Application No :06/06/2012

Filing Date

(87) International Publication :WO 2013/167850

(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)GROS Robert Timothy

Address of Applicant :Flat 1 45 Connaught Square London

W2 2HL U.K.

(72) Name of Inventor: 1) GROS Robert Timothy

# (57) Abstract:

A method of manufacturing nitrile rubber latex medical examination gloves during which (a) the glove formers are dipped into a coagulant solution containing divalent calcium cations and calcium carbonate particles to which has been added chlorohexidene photo catalytic titanium dioxide triclosan benzalkonium chloride silver salts and nanoparticles and poly(hexamethylene biguanide) (PHMB); and during which (b) the coated glove formers are then dipped into a nitrile rubber latex dispersion containing triclosan that is not in a paste form in which sodium dodecyl benzene sulphonate and alkyl alcohol ethoxylate are used in order to disperse the triclosan; and during which (c) the nitrile rubber latex gloves are finally placed in to packaging utilising a clear coat varnish that it is impregnated with a phenolic chlorine compound micronised nanosilver colloid and a quaternary compound.

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

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR PRODUCING GRANULES FOR TEETH POLISHING AGENT

(51) International classification :A61K8/25,A61K8/02,A61K8/19 (71) Name of Applicant: (31) Priority Document No :2012139221 (32) Priority Date :20/06/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/066896

:19/06/2013

Filing Date

(87) International Publication No:WO 2013/191226

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)KAO CORPORATION

Address of Applicant: 14 10 Nihonbashi Kayabacho 1 chome

Chuo ku Tokyo 1038210 Japan

(72) Name of Inventor: 1)ONODA Keiichi

2)MATSUMOTO Tatsuki 3)YOSHIOKA Hiroki 4)IMAIZUMI Yoshinobu 5)MATSUOKA Sumie 6)YOSHIDA Hidenori

7)NONAKA Nobuhiro

# (57) Abstract:

No. of Pages: 94 No. of Claims: 16

<sup>[1]</sup> A method for producing granules for a tooth polishing agent comprising mixing a water insoluble powdery material with a silicic acid salt using a vessel rotatable granulator to granulate the mixture said method involving a step of carrying out the granulation while supplying droplets of an aqueous solution of the silicic acid salt to the water insoluble powdery material using a multi fluid nozzle and said method enabling the production of granules for a tooth polishing agent which have proper collapse strength and excellent wet collapse strength with high yield; [2] granules for a teeth polishing agent which can be produced by the aforementioned method; and [3] a teeth polishing agent which contains the granules for a teeth polishing agent.

(21) Application No.10871/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: DEVICE FOR CONVEYING COATING POWDER FROM A POWDER CONTAINER

(51) International classification: B05B5/16,B05B7/14,B05B12/14 (71) Name of Applicant: (31) Priority Document No :10 2012 210 439.9 1)GEMA SWITZERLAND GMBH (32) Priority Date :20/06/2012 Address of Applicant: Mvenstrasse 17 CH 9015 St. Gallen (33) Name of priority country :Germany Switzerland (86) International Application (72) Name of Inventor: :PCT/EP2013/060665 No 1)MICHAEL Hanspeter :23/05/2013 Filing Date (87) International Publication

No :WO 2013/189686 (61) Patent of Addition to

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

:NA
:NA
:NA

Tumber :NA Filing Date

(57) Abstract:

The invention relates to a device (110) for conveying coating powder from a powder container (12,24). The powder conveying device has a powder conveying pipe (70) having a powder inlet (71) by means of which coating powder can be fed from a powder container (12,24) to the powder conveying pipe (70) in particular by means of suction. Furthermore a powder conveying pipe retainer (72) is provided in order to retain the powder conveying pipe (70). The powder conveying pipe (70) can be preferably optionally moved in relation to the powder conveying pipe retainer (72) in the longitudinal direction (L) of the powder conveying pipe (70) wherein in order to clean the powder conveying pipe (70) the powder inlet (71) of the powder conveying pipe (70) can be closed and a compressed air line (142) can be connected to the powder conveying pipe (70).

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

(21) Application No.10607/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : SWASH PLATE FOR SWASH PLATE COMPRESSOR METHOD FOR MANUFACTURING SAME AND SWASH PLATE COMPRESSOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:03/06/2013 :WO 2013/183586 :NA :NA :NA	(71)Name of Applicant:  1)NTN CORPORATION  Address of Applicant: 3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan (72)Name of Inventor:  1)OKI Yoshio 2)OOMORI Akihiro
Filing Date	:NA	

#### (57) Abstract:

Provided are: a swash plate for a swash plate compressor the swash plate being provided with a resin coating and being configured in such a manner that the swash plate can be manufactured in less manufacturing steps than those in which conventional coating methods are used that the resin coating can be highly precisely ground and that the adhesion strength between the resin coating and the base material of the swash plate is ensured; a method for manufacturing the swash plate; and a swash plate compressor provided with the swash plate. Shoes are slid on a swash plate (3) which within a housing in which a refrigerant is present is mounted on a rotating shaft at a right angle or obliquely thereto so as to be directly affixed to the rotating shaft or indirectly affixed to the rotating shaft through a connection member. The refrigerant is compressed and expanded by converting the rotational motion of the swash plate into the reciprocating motion of pistons through the shoes. A resin coating (10) is formed on the slide surface which slides on the shoes. An axial cross section of the resin coating (10) exposes layers stacked in the direction parallel to the slide surface and the resin coating (10) is formed by linearly applying a resin coating material (12) which is discharged from a discharge opening (11) to the base material (3a) of the swash plate (3).

No. of Pages: 45 No. of Claims: 11

(21) Application No.10608/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: A SAW A SAW BLADE AND A CONNECTION 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>	:A61B17/14,B23D53/12 :61/670914 :12/07/2012 :U.S.A. :PCT/US2013/049632 :09/07/2013 :WO 2014/011577 :NA :NA	(71)Name of Applicant:  1)SYNTHES GMBH  Address of Applicant:Eimattstrasse 3 CH 4436 Oberdorf Switzerland (72)Name of Inventor:  1)MOOTIEN Azagen  2)HERZOG Daniel
1 (01110 01		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The present disclosure relates to a saw 100 comprising a drive 110 a first blade 220 configured to oscillate about an axis perpendicular to a plane defined by a surface of the first blade 220 a second blade 240 configured to oscillate about an axis perpendicular to the plane in a direction opposite to that of the first blade 220 and wherein gearing 120 140 is provided between the drive 110 and the first and second blades 220 240 to reduce the speed of oscillation of the blades. A saw blade a connection mechanism for connecting a blade to a saw and associated methods are also provided.

No. of Pages: 21 No. of Claims: 16

(21) Application No.10880/DELNP/2014 A

1)NATIONAL UNIVERSITY OF SINGAPORE

2)MOHAMED SALLEH Mohamad Hirwan Bin

Address of Applicant :21 Lower Kent Ridge Road Singapore

(71) Name of Applicant:

(72)Name of Inventor:

1)STARMER Charles Franklin Jr.

3)KRISHNAN K Ranga Rama

119077 Singapore

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR REMOTE ENCOUNTER AND STATUS ASSESSMENT USING PARALLEL DATA AND VOICE COMMUNICATION PATHS

(51) International

:G06Q50/22,H04L29/08,A61B5/00

classification (31) Priority Document No

:61/661650

(32) Priority Date

:19/06/2012 (33) Name of priority country: U.S.A.

(86) International Application

:PCT/SG2013/000254

No

:19/06/2013

Filing Date (87) International Publication

:WO 2013/191657

(61) Patent of Addition to

:NA

Filing Date

**Application Number** 

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

# (57) Abstract:

A system and method for providing remote encounter and status assessment such as a health care encounter for remote patients is provided. The system includes a patient s mobile device and a health care provider s mobile device both coupled to a network for providing voice and data transfer there between. A body parameter measuring device is coupleable to the patient s mobile device and capable of generating data in response to measuring one or more body parameters the data being provideable across the network to the health care provider s mobile device as streaming or episodic message data during voice communication between the patient s mobile device and the health care provider s mobile device. The method includes coupling the body parameter measuring device to the patient s mobile device whereby patient s mobile device concurrently establishes body parameter data communication path and a voice communication path with the health care provider s mobile device.

No. of Pages: 49 No. of Claims: 18

The Patent Office Journal 11/09/2015

(21) Application No.10881/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: WAVEGUIDE COUPLING HIGH FREQUENCY MODULE FILLING LEVEL RADAR AND USE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H01P5/02,H01P5/107 :12175004.6 :04/07/2012 :EPO :PCT/EP2013/064173 :04/07/2013 :WO 2014/006150 :NA :NA	(71)Name of Applicant:  1)VEGA GRIESHABER KG Address of Applicant: Hauptstr. 1 5 77709 Wolfach Germany (72)Name of Inventor: 1)SCHULTHEISS Daniel 2)WEINZIERLE Christian
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The invention relates to a waveguide coupling which has a planar emitter element which couples the transmitted signal into a waveguide of the waveguide coupling. The waveguide is expanded in the direction of the planar emitter element such that the emitter element can have a relatively large diameter without the inner wall of the waveguide significantly worsening the signal quality.

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

(21) Application No.10872/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SHORT INTERFERING RIBONUCLEIC ACID (SIRNA) FOR ORAL ADMINISTRATION

(51) International classification	:C12N15/113, C07H21/04	(71)Name of Applicant: 1)NOVARTIS AG
(31) Priority Document No	:0608838.9	Address of Applicant :Lichtstrasse 35, CH-4056 Basel,
(32) Priority Date	:04/05/2006	Switzerland Switzerland
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:PCT/EP2007/003867	1)NATT Fran§ois Jean-Charles
Filing Date	:02/05/2007	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:9069/DELNP/2008 :02/05/2007	

# (57) Abstract:

Short interfering ribonucleic acid (siRNA) for oral administration, said siRNA comprising two separate RNA strands that are complementary to each other over at least 15 nucleotides, wherein each strand is 49 nucleotides or less, and wherein at least one of which strands contains at least one chemical modification.

No. of Pages: 62 No. of Claims: 20

(21) Application No.10874/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SHORT INTERFERING RIBONUCLEIC ACID (SIRNA) FOR ORAL ADMINISTRATION

(51) International classification	:C12N15/113, C07H21/04	(71)Name of Applicant: 1)NOVARTIS AG
(31) Priority Document No	:0608838.9	Address of Applicant :Lichtstrasse 35, CH-4056 Basel,
(32) Priority Date	:04/05/2006	Switzerland Switzerland
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:PCT/EP2007/003867	1)NATT Fran§ois Jean-Charles
Filing Date	:02/05/2007	
(87) International Publication No	: NA	
<ul> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> <li>(62) Divisional to Application Number</li> <li>Filed on</li> </ul>	:NA :NA :9069/DELNP/2008 :02/05/2007	

### (57) Abstract:

Short interfering ribonucleic acid (siRNA) for oral administration, said siRNA comprising two separate RNA strands that are complementary to each other over at least 15 nucleotides, wherein each strand is 49 nucleotides or less, and wherein at least one of which strands contains at least one chemical modification.

No. of Pages: 62 No. of Claims: 20

(21) Application No.10875/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: RADIO MODULE AND RELAVENT MANUFACTURING METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H05K9/00 :NA :NA :NA :PCT/CN2012/079979 :10/08/2012 :WO 2014/023029 :NA :NA	(71)Name of Applicant:  1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)LIAO Jichang 2)SUN Ning
Filing Date	:NA	

#### (57) Abstract:

A radio module comprises a top board (110) with all components mounted on a front surface (111) and a metal substrate on a back surface (112); a bottom board (120) with all components mounted on a front surface (121) and a metal substrate on a back surface (122) wherein the bottom board (120) is arranged so that the front surface (121) of the bottom board (120) is opposite to the front surface (111) of the top board (110); and at least one shielding board (130) provided between the top board (110) and the bottom board (120) with certain vertical spacing. The top board (110) the bottom board (120) and the at least one shielding board (130) are arranged to be substantially in alignment in a vertical direction and be fastened with one another. A board board electrical connection (140-1,140-2) is established at least between the top board (110) and the bottom board (120).

No. of Pages: 31 No. of Claims: 14

(21) Application No.10876/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MOTORIZED WINDOW SHADE 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> </ul>	:E05F15/20 :11/065,487 :24/02/2005 :U.S.A. :PCT/US2006/002285 :24/01/2006 : NA :NA	(71)Name of Applicant:  1)KATES, Lawrence Address of Applicant:1111 Bayside Drive, Corona Del Mar, California 92625, United States of America U.S.A. (72)Name of Inventor: 1)KATES, Lawrence
Number		
Filed on	:23/08/2007	

# (57) Abstract:

An electronically-controlled roll-up window shade that can easily be installed by a homeowner or general handyman is disclosed. The motorized shade includes an internal power source, a motor, and a communication system to allow for remote control of the motorized shade. One or more motorized shades can be controlled singly or as a group. In one embodiment, the motorized shades are used in connection with a zoned or non-zoned HVAC system to reduce energy usage. In one embodiment, the motorized shade is configured to have a size and form-factor that conforms to a standard manually-controlled motorized shade. In one embodiment, a group controller is configured to provide thermostat information to the motorized shade. In one embodiment, the group controller communicates with a central monitoring system that coordinates operation of one or more motorized shades. In one embodiment, the internal power source of the motorized shade is recharged by a solar cell.

No. of Pages: 59 No. of Claims: 17

(21) Application No.10878/DELNP/2014 A

1)ISIS INNOVATION LIMITED

Oxford Oxfordshire OX2 7SG U.K.

1)DADD Michael William

(72) Name of Inventor:

Address of Applicant :Ewert House Ewert Place Summertown

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: ELECTROMECHANICAL TRANSDUCER

(51) International classification :H02K5/128,H02K7/18,H02K1/14 (71)Name of Applicant:

(31) Priority Document No :1210567.2 (32) Priority Date :14/06/2012

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

(86) International Application :PCT/GB2013/051433

No :30/05/2013 Filing Date

(87) International Publication :WO 2013/186529

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

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date :NA

# (57) Abstract:

An improved electromechanical transducer is provided. In an embodiment the transducer comprises at least two flux modules each defining a magnetic circuit having a gap; an armature configured to move along a longitudinal axis passing through the gaps; and a gas containment structure laterally surrounding the armature wherein: the at least two flux modules are provided outside the gas containment structure; and the armature comprises a reinforcing portion laterally outside of the gaps that is wider in a direction parallel to the flux in the gaps than at least one of the gaps.

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

(21) Application No.10883/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: REMOTE AUDIO KEEP ALIVE FOR A WIRELESS DISPLAY

(51) International (71)Name of Applicant: :H04L29/06,H04L12/24,H04W76/04 classification 1)ATI TECHNOLOGIES ULC (31) Priority Document No :13/530361 Address of Applicant :One Commerce Valley Drive East (32) Priority Date :22/06/2012 Markham ON L3T 7N6 Canada (72) Name of Inventor: (33) Name of priority :U.S.A. country 1)ABARCA Gabriel (86) International 2)LEE Keith Shu Key :PCT/IB2013/001750 Application No :20/06/2013 Filing Date (87) International :WO 2013/190383 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

### (57) Abstract:

Filing Date

An apparatus and method is provided for improving initialization and synchronization of display devices to audio data. Current implementations to retain synchronization between a transmitter and a display use Keep Alive silent audio data stream in the format of the latest data stream on an interface between the transmitter and the display even when no data is available. Implementing the above solution in a system where the silent audio data stream is transmitted over a wireless link is bandwidth and power inefficient. The techniques provide an apparatus and method to efficiently generate and transmit silent audio data stream for maintaining synchronization.

No. of Pages: 25 No. of Claims: 24

(21) Application No.10884/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SAFETY BOOT WITH PROTECTIVE LAYER

(51) International :A43B7/32,A43B23/08,B29D35/14 classification

(31) Priority Document No :12176286.8

(32) Priority Date :13/07/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/064118

No :04/07/2013

Filing Date :WO 2014/009238

(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)BEKINA NV

Address of Applicant :Berchemstraat 124 B 9690 Kluisbergen

Belgium

(72) Name of Inventor:

1)VANDERBEKE Thomas

(57) Abstract:

The present invention discloses safety footwear manufactured in a foamed plastic material with an additional protective outer layer and having 3 dimensionally shaped inserts provided therein. A method for manufacturing the footwear is also included. The protective outer layer provides the safety footwear with improved cleanliness and durability. This enables it to be used in extreme environments.

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

(21) Application No.10886/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: ANTISTATIC FILM

:B42D15/10,B41M3/14 (71)Name of Applicant : (51) International classification 1)INNOVIA SECURITY PTY LTD (31) Priority Document No :2012100979 (32) Priority Date :28/06/2012 Address of Applicant :Potter Street Craigieburn Victoria 3064 (33) Name of priority country :Australia Australia (86) International Application No :PCT/AU2013/000633 (72) Name of Inventor: 1)POWER Gary Fairless Filing Date :14/06/2013 (87) International Publication No :WO 2014/000020 2) HARDWICK Michael (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

# (57) Abstract:

A film having antistatic properties said film comprising a transparent polymeric substrate said substrate being partially opacified on at least one surface so as to provide opacified and non opacified regions and wherein both the opacified and non opacified regions are coated on at least one surface with an antistatic coating said coating having greater than 70% transmission. In particular for use as a transparent antistatic coating on polymer banknotes including transparent window regions.

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

(21) Application No.10887/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: PULLEY STRUCTURE

(51) International classification: F16H55/36,F16D3/74,F16D13/08 (71) Name of Applicant:

:20/06/2013

:WO 2013/191240

(31) Priority Document No :2012138978 (32) Priority Date :20/06/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/066939

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)MITSUBOSHI BELTING LTD.

Address of Applicant: 1 21 Hamazoe dori 4 chome Nagata ku

Kobe shi Hyogo 6530024 Japan

(72) Name of Inventor: 1)SHIMAMURA Hayato

2)DAN Ryosuke

3)HARAGUCHI Makoto

4)IMAI Katsuya

The present invention is related to a pulley structure that is provided with a tubular first rotating body around which a belt is wound a second rotating body provided inside the first rotating body so as to be rotatable relative to said first rotating body and a torsion coil spring which is housed in the space between the first rotating body and second rotating body. The torsion coil spring has: at one end an end region in which the outer peripheral surface makes contact with either the first rotating body or second rotating body through a self elastic restoring force in the large diameter direction of the torsion coil spring in a state in which the pulley structure is stopped; at the other end another end region in which the inner circumferential surface makes contact with the other rotating body in a state in which the pulley structure is stopped; and a center region. In cases where the torsion coil spring twists in the large diameter direction due to the relative rotations of the two rotating bodies the inner circumferential surface of at least a portion of the other end region of the torsion coil spring in the circumferential direction is separated from the other rotating body.

No. of Pages: 70 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : COMPOUNDS FROM THE FRUITS OF ACROCOMIA CRISPA AND ACROCOMIA ACULEATA AGAINST INFLAMMATION AND OXIDATIVE STRESS

(71)Name of Applicant: (51) International classification :A61K9/14,A61K36/889 1)CENTRO NACIONAL DE INVESTIGACIONES (31) Priority Document No :CU/P/2012/000097 CIENTIFICAS (CNIC) (32) Priority Date :19/06/2012 Address of Applicant : Ave. 25 # 15202 Esq. a 158 Cubanac;n (33) Name of priority country Playa CP 12100 Habana Cuba :Cuba (86) International Application No (72) Name of Inventor: :PCT/CU2013/000003 Filing Date :17/06/2013 1)GONZALES CANAVACIOLO Victor Luis (87) International Publication No :WO 2013/189467 2)SIERRA P%REZ Roxana de la Caridad (61) Patent of Addition to Application 3)MAS FERREIRO Rosa Mara :NA Number 4)P%REZ GUERRA Yohani :NA Filing Date 5)OYARZ • BAL YERA • mbar (62) Divisional to Application Number :NA 6)RODR • GUEZ LEYES Eduardo Antonio Filing Date :NA 7)MOLINA CUEVAS Vivan 8)G • MEZ MEN%NDEZ Rafael

## (57) Abstract:

The invention relates to obtaining a novel active ingredient and to the method for obtaining same from the unripe or ripe fruits of Acrocomia crispa and/or Acrocomia aculeata both from the Arecaceae family. The active ingredient can be used as a nutritional supplement in cosmetic therapeutic formulations or in pharmaceutical compositions for preventing and/or treating oxidative stress and inflammation. The ingredient includes a mixture of fatty acids (free and/or as acylglycerols or ethyl esters) having between 6 and 28 carbon atoms mostly linear chain saturated having 8,10,12,14,16 and 18 carbon atoms and unsaturated having 16 and 18 carbon atoms. Said ingredient can also contain sterols and fatty alcohols having a high molecular weight.

No. of Pages: 30 No. of Claims: 17

(21) Application No.10616/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : METHOD AND ARCHITECTURE FOR THE OPTIMIZED TRANSFER OF POWER BETWEEN AN AUXILIARY POWER MOTOR AND THE MAIN ENGINES OF A HELICOPTER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:12/06/2013 :WO 2014/009620 :NA	(71)Name of Applicant: 1)TURBOMECA Address of Applicant: Bp 2 F 64511 Bordes France 2)MICROTURBO (72)Name of Inventor: 1)DAURIAC Pascal 2)BEDRINE Olivier 3)MARCONI Patrick 4)RIDEAU Jean Fran§ois
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

The aim of the invention is to optimize the entirety of the drive power available in a helicopter by using an auxiliary motor to supply power to the equipment and accessories of the helicopter that are connected to the engines. In an example of an optimized power transfer architecture for implementing the invention, the main engines (1, 1) and the APU group (8), as an auxiliary motor, comprise a gas generator (2; 81) connected, for the main engines (1, 1), to the gearboxes (6) and accessory boxes (7) of mechanical, electric, and/or hydraulic power sockets, and connected, for the APU group (8), to at least one power conversion member (83, 84, 11). The power conversion member (83, 84, 11) of the APU group (8) is connected to the equipment and accessories via the gearbox (6) and/or via the accessory box (7) of the main engines (1, 1).

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

(21) Application No.10617/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : NOVEL CYCLIC DEPSIPEPTIDE DERIVATIVE AND PEST CONTROL AGENT COMPRISING SAME

(51) International (71)Name of Applicant: :C07K11/02,A01N43/72,A01P5/00 classification 1)MEIJI SEIKA PHARMA CO. LTD. (31) Priority Document No :2012134304 Address of Applicant: 4 16 Kyobashi 2 chome Chuo ku Tokyo (32) Priority Date :13/06/2012 1048002 Japan (33) Name of priority country 2)THE KITASATO INSTITUTE :Japan (86) International Application (72)Name of Inventor: :PCT/JP2013/066360 No 1)MITOMI Masaaki :13/06/2013 Filing Date 2)SAKAI Masavo (87) International Publication 3)HORIKOSHI Ryo :WO 2013/187480 4)ONOZAKI Yasumichi (61) Patent of Addition to 5)NAKAMURA Satoshi :NA **Application Number** 6)OMURA Satoshi :NA Filing Date 7)SUNAZUKA Toshiaki (62) Divisional to Application 8)HIROSE Tomoyasu :NA Number 9)SHIOMI Kazuro :NA

### (57) Abstract:

Filing Date

An aim of the present invention is to provide a novel cyclic depsipeptide derivative and a pest control agent comprising the same. According to the present invention a compound represented by formula (1) or a stereoisomer thereof a pest control agent comprising the same and a production method thereof are provided.

10)MASUMA Rokuro

No. of Pages: 109 No. of Claims: 21

(21) Application No.10890/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: DEVICE FOR EVAPORATING A LIQUID AND ASSOCIATED METHOD

:B01B1/00,A61L2/00,A61L2/20 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1255999 (32) Priority Date :25/06/2012 (33) Name of priority country :France

(86) International Application No: PCT/EP2013/062924

Filing Date :20/06/2013 (87) International Publication No: WO 2014/001201

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

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

1)XEDA INTERNATIONAL S.A.

Address of Applicant :Zone Artisanale la Crau Route

Nationale 7 F 13670 Saint Andiol France

(72) Name of Inventor: 1)SARDO Alberto

## (57) Abstract:

This device (10; 110) for evaporating a liquid comprising: a reservoir (14) containing the liquid; an absorption member (16) for absorbing the liquid; and a member (18) producing a gas stream the gas stream being directed towards the absorption member (16); is characterised in that the absorption member (16) comprises a plurality of absorbent strips (24) designed to hold the liquid.

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

(21) Application No.10891/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : MULTI SHELL STRUCTURES FOR BATTERY ACTIVE MATERIALS WITH EXPANSION PROPERTIES

(51) International alassification	:H01M4/13	(71)Name of Applicant
(51) International classification	,	(71)Name of Applicant :
(31) Priority Document No	:61/661336	1)SILA NANOTECHNOLOGIES INC.
(32) Priority Date	:18/06/2012	Address of Applicant :541 10th St NW #195 Atlanta Georgia
(33) Name of priority country	:U.S.A.	30318 U.S.A.
(86) International Application No	:PCT/US2013/046361	(72)Name of Inventor:
Filing Date	:18/06/2013	1)YUSHIN Gleb
(87) International Publication No	:WO 2013/192205	2)ZDYRKO Bogdan
(61) Patent of Addition to Application	:NA	3)JACOBS Alexander
Number		4)HANTSOO Eerik
Filing Date	:NA	5)SHELTON Addison
•	37.4	1 '
(62) Divisional to Application Number	:NA	6)BERDICHEVSKY Eugene
Filing Date	:NA	

### (57) Abstract:

Battery electrode compositions are provided comprising core shell composites. Each of the composites may comprise for example an active material a collapsible core and a shell. The active material may be provided to store and release metal ions during battery operation whereby the storing and releasing of the metal ions causes a substantial change in volume of the active material. The collapsible core may be disposed in combination with the active material to accommodate the changes in volume. The shell may at least partially encase the active material and the core the shell being formed from a material that is substantially permeable to the metal ions stored and released by the active material.

No. of Pages: 50 No. of Claims: 20

(21) Application No.10892/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : ABSORBENT ARTICLE MANUFACTURING DEVICE AND ABSORBENT ARTICLE MANUFACTURING METHOD

(51) International classification:A61F13/15,A61(31) Priority Document No:2012124892(32) Priority Date:31/05/2012(33) Name of priority country:Japan

(33) Name of priority country :Japan (86) International Application No :PCT/JP2013/065174

Filing Date :31/05/2013 (87) International Publication No :WO 2013/180261

(61) Patent of Addition to Application

Number
Filing Date

(62) Divisional to Application Number
Filing Date

:NA

:NA
:NA
:NA
:NA

:A61F13/15,A61F13/49 (71)Name of Applicant :

1)UNICHARM CORPORATION

Address of Applicant: 182 Shimobun Kinsei cho Shikokuchuo

shi Ehime 7990111 Japan (72)Name of Inventor:

1)TAKEUCHI Kenji

2)HORIWAKI Taizo

## (57) Abstract:

This absorbent article manufacturing device is provided with a pivoting mechanism which feeds out an elastic member while pivoting the same along an intersecting direction that intersects with the conveyance direction of a sheet form continuous body configuring the absorbent article and arranges the same on the continuous body; a guide mechanism for conveying the continuous body; a cutting mechanism for cutting the elastic member outside of the continuous body in the intersecting direction; a combining mechanism which conveys along the outer peripheral surface the continuous body supplied from the guide mechanism; and a sheet supply mechanism which supplies the sheet material at the edge of the continuous body in the intersecting direction. The tangent direction at the separation point where the continuous body separates from the guide mechanism coincides with the tangent direction at the arrival point where the continuous body reaches the confluence mechanism.

No. of Pages: 45 No. of Claims: 7

(21) Application No.10640/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SMALL RESISTANCE HIGH EFFICIENCY MINING DEVICE WITH MULTIPLE LAYERS OF PERCUSSION HEADS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:E21C27/12 :201210155167.6 :12/05/2012 :China :PCT/CN2013/000552 :10/05/2013 :WO 2013/170628 :NA :NA :NA	(71)Name of Applicant:  1)LIU Suhua  Address of Applicant: Yanzhou Haizhi Mechanical and Electrical Technology Co. LTD Xinyanzhen Industrial Park Yanzhou Shandong 272100 China (72)Name of Inventor:  1)LIU Suhua
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#### (57) Abstract:

A small resistance high efficiency mining device with multiple layers of percussion heads comprises a percussion power box (3) and percussion heads (2). The percussion heads (2) are disposed at one end or two ends of the percussion power box (3). Each end of the percussion power box (3) is provided with two or more percussion heads (2). The two or more percussion heads (2) are arranged one above the other or laterally thereby increasing the mining height and/or mining width. The device has reliable performance and strong manufacturability is easy to process and manufacture and has a long service life.

No. of Pages: 42 No. of Claims: 43

(21) Application No.10900/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : SIGNAL PROCESSING DEVICE FOR READER TARGETED TO CODES SIGNAL PROCESSING METHOD AND SIGNAL PROCESSING PROGRAM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012145651	1)NEC PLATFORMS LTD.
(32) Priority Date	:28/06/2012	Address of Applicant :2 6 1 Kitamikata Takatsu ku Kawasaki
(33) Name of priority country	:Japan	shi Kanagawa 2138511 Japan
(86) International Application No	:PCT/JP2013/067305	(72)Name of Inventor:
Filing Date	:25/06/2013	1)TSURUKI Hiroshi
(87) International Publication No	:WO 2014/002972	2)GOTOH Masao
(61) Patent of Addition to Application	:NA	3)SHIGEMITSU Hiroshi
Number		4)TERAOKA Masato
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Provided is a signal processing device intended to improve failure to read a barcode due to a defect of the barcode to the manner of swiping the barcode by the sensor or the like. The device is provided with: a variable amp for outputting an output signal that is a signal corresponding to an input signal it being possible to adjust the offset and gain of the variable amp; a comparison means for comparing the level of the output signal to a plurality of threshold values; a detection means for detecting on the basis of the result of comparison by the comparison means deviation of the offset of the variable amp excess or deficient gain of the variable amp or both; and adjustment means for adjusting the offset the gain or both of the variable amp on the basis of the result detected by the detection means.

No. of Pages: 39 No. of Claims: 8

(21) Application No.10901/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

(54) Title of the invention: IMPROVEMENT OF SEXUAL AROUSAL SEXUAL DESIRE ORGASM AND/OR PLEASURE FOLLOWING INTRAVAGINAL PRASTERONE (DHEA) ADMINISTRATION IN WOMEN NOT SUFFERING OR INDEPENDENTLY FROM DYSPAREUNIA OR OTHER SYMPTOMS OF VULVO VAGINAL ATROPHY

(51) International classification :A61K31/5685,A61P15/00,A61P15/02

(31) Priority Document No :61/675717

(31) Priority Document No :01/0/3/1/ (32) Priority Date :25/07/2012 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/CA2013/000654

Filing Date :19/07/2013

(87) International

Publication No :WO 2014/015416

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

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

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

Address of Applicant :2989 de la Promenade Qubec City

Qubec G1W 2J5 Canada (72)Name of Inventor:
1)LABRIE Fernand

# (57) Abstract:

Intravaginal DHEA is used for the treatment of at least one condition selected from the group consisting of female hypoactive sexual desire disorder female sexual arousal disorder female orgasm disorder and female sexual interest arousal disorder in a woman who either (1) is not suffering from symptoms of vulvo vaginal atrophy and/or (2) is not suffering from moderate to severe dyspareunia.

No. of Pages: 47 No. of Claims: 18

(21) Application No.10903/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: LITTER FOR ANIMALS

(51) International classification	:A01K1/015	(71)Name of Applicant:
(31) Priority Document No	:2012128910	1)UNICHARM CORPORATION
(32) Priority Date	:06/06/2012	Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo
(33) Name of priority country	:Japan	shi Ehime 7990111 Japan
(86) International Application No		(72)Name of Inventor:
Filing Date	:30/04/2013	1)HIROSHIMA Kenji
(87) International Publication No	:WO 2013/183390	2)KANEKO Shinya
(61) Patent of Addition to Application	:NA	3)IKEGAMI Takeshi
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Provided is a litter for animals which can reduce the depth of a mass of granules that is formed when the litter absorbs a liquid such as urine and is hardly scattered. The litter for animals consists of a plurality of granules which comprise bentonite as the main component wherein the granules include small diameter granules having a granule size of 0.8 mm or more and less than 2 mm and large diameter granules having a granule size of 2 mm or more and less than 10 mm and the ratio by weight of the small diameter granules is within the range of 20 100% inclusive relative to the large diameter granules. It is preferred that the ratio by weight of the sum of the small diameter granules and the large diameter granules is 90% or more relative to the litter for animals.

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

(21) Application No.10904/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: METHOD FOR ASSESSING THE VIABILITY OF VIRUSES WITH LYMPHOTROPISM

(51) International :C12Q1/04,C12Q1/68,G01N33/483

classification (31) Priority Document No :2012 0233 (32) Priority Date :18/06/2012 (33) Name of priority country: Uzbekistan

(86) International Application :PCT/UZ2013/000001

:21/05/2013

Filing Date :WO 2013/192636

(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)OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU NEW MEDICAL

TECHNOLOGIES

Address of Applicant: Chortok Dustlik 3 Yangyulsyi raion

Tashkentskaya obl. 102831 Uzbekistan

(72) Name of Inventor:

1)GULYAMOV Nariman

# (57) Abstract:

Use: medicine and biotechnology. Aim: to increase the reliability of determining infection by viruses with lymphotropism to eliminate false negative reactions in testing blood for the presence of lymphotropic viruses during EIA and PCR testing and to detect viruses with lymphotropism in biological material having a concentration of virus particles lower than the sensitivity threshold of EIA or PCR methods. Essence of the invention: the method for assessing the viability of viruses with lymphotropism comprises collecting biological material and determining whether said material contains virus RNA or DNA by means of conducting a polymerase chain reaction (PCR reaction). In addition a lymphocyte suspension is taken from the blood of healthy people to which lymphocytes an equal volume of biological material is added. This combination is then mixed incubated at a temperature of 37° for a period of 6 8 hours and the lymphocytes are washed of plasma and broken down. The lymphocyte cytoplasm is then subjected to PCR testing. The detection of virus RNA or DNA in the lymphocyte cytoplasm indicates that the viruses have retained their viability. The absence of virus RNA or DNA in the lymphocyte cytoplasm indicates the inactivation of the viruses.

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

(21) Application No.10893/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

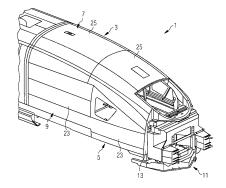
# (54) Title of the invention: TRACTION HEAD PART

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:17/06/2013 :WO 2014/016049 :NA :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 M <sup>1</sup> / <sub>4</sub> nchen Germany (72)Name of Inventor: 1)LANGERT Wolfgang 2)SCHMIDT Gerhard
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The invention relates to a traction head part (1) having a cabin (3) which comprises a floor region (5) a roof (7) and two side walls (9) which extend between the floor region (5) and the roof (7) wherein the side walls (9) each have an A column (13) on the head end thereof (11) which is held on the floor region (5) one longitudinal beam (17) extends into the side walls (9) from each A column (13) and the unit is structured by the A column (13) and longitudinal beam (17) in order to absorb and direct forces into the cabin (3) in the case of a crash.





No. of Pages: 17 No. of Claims: 11

(21) Application No.10894/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: COAL DEACTIVATION 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> <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>	:2012224037 :09/10/2012 :Japan	(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)NAKAGAWA Keiichi 2)OMOTO Setsuo 3)SATO Fumiaki
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Provided is a coal deactivation processing device that can easily obtain modified coal that has been adjusted to an appropriate level of deactivation. The present invention is provided with: a first processing device main body (111) that processes carbonized coal (1) by means of processing gas (103) of which the oxygen concentration has been adjusted by blowers (113 115); a second processing device main body (121) that processes primary processed carbonized coal (2a) which results from being processed at the first processing device main body by means of air (102) fed by a blower (122); a second processing gas state detection means that detects the state of the air used within the second processing device main body; and a control device (130) that on the basis of information from the second processing gas state detection means controls the blowers (113,115) in a manner so as to adjust the oxygen concentration in the processing gas when the state of the air has diverged from a predetermined state.

No. of Pages: 38 No. of Claims: 6

(21) Application No.10895/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : COAL DEACTIVATION PROCESSING DEVICE AND EQUIPMENT FOR PRODUCING MODIFIED COAL USING SAME

(86) International Application No Filing Date  (87) International Publication No (61) Patent of Addition to Application Number Filing Date  (62) Divisional to Application Number Filing Date  (86) International Application No Signature (12) Name of Inventor:  (13) NAKAGAWA Keijichi  (14) OMOTO Setsuo  (15) HAMADA Tsutomu  (15) SHAMADA Tsutomu	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:2012273339 :14/12/2012 :Japan :PCT/JP2013/078905 :25/10/2013 :WO 2014/091827 :NA :NA	1)KANEKO Takeshi 2)ATARASHIYA Kenji 3)NAKAGAWA Keiichi 4)OMOTO Setsuo
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#### (57) Abstract:

Provided is a coal deactivation processing device that can suppress an increase in carbon monoxide concentration in processing gas regardless of the fact that used processing gas is circulated and reused. The present invention is provided with: a device main body (141) that causes coal there within to flow from one side to another; a processing gas feed means

(142,144,144a,145, 145a,146,146a,147,148) that feeds processing gas to the interior of the device main body (141); a processing gas circulation means (148) that circulates used processing gas (33) used in the device main body (141) to the processing gas feed means; and a carbon monoxide processing device (170) that adjusts the carbon monoxide concentration in the processing gas in a manner so as to reduce the carbon monoxide concentration in the processing gas.

No. of Pages: 45 No. of Claims: 7

(21) Application No.10896/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SYSTEMS AND METHODS OF DRILLING CONTROL

(51) International :E21B45/00,E21B44/00,E21B47/00 classification

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

(86) International Application :PCT/US2012/046361

:12/07/2012 Filing Date

(87) International Publication

:WO 2014/011171

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

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

(71)Name of Applicant:

1)HALLIBURTON ENERGY SERVICES INC.

Address of Applicant: 10200 Bellaire Boulevard Houston TX

77072 U.S.A.

(72) Name of Inventor:

1)DYKSTRA Jason D.

## (57) Abstract:

A system to optimize a drilling parameter of a drill string includes a drill string control subsystem. The system includes an optimization controller to coordinate operations of the drill string control subsystem during a drilling process at least in part by: determining a first optimized rate of penetration based on a drilling parameter model and a first drilling parameter estimate; providing a first set of commands to the drill string control subsystem based on the first optimized rate of penetration; determining a second drilling parameter estimate during the drilling process based at least in part on the drilling parameter model and feedback corresponding to the drill string control subsystem; determining a second optimized rate of penetration during the drilling process based on the second drilling parameter estimate; and providing a second set of commands to the drill string control subsystem based on the second optimized rate of penetration.

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

(21) Application No.10650/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: BIPOLAR ELECTRODE AND METHOD FOR PRODUCING SAME

(51) International classification: H01M8/18, H01M8/02, C25B1/10 (71) Name of Applicant:

:20/06/2013

:WO 2013/190066

(31) Priority Document No :12172835.6 (32) Priority Date :20/06/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/062938

No Filing Date

(87) International Publication

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

:NA Number :NA Filing Date

1)SOLVAY SA

Address of Applicant : Rue de Ransbeek 310 B 1120 Bruxelles

Belgium

(72) Name of Inventor:

1)VANDENBORRE Hugo Jan Baptist

2) DUBOIS Eric 3)ZANDONA Nicola

## (57) Abstract:

Bipolar electrode (100) for use in an electrolysis unit said bipolar electrode (100) comprising a planar main body having a first side and a second side each of said first side and said second side being provided with a corresponding pattern of protrusions (125) wherein each of said protrusions has a geometrical base within the plane of said planar main body and a substantially planar top side (129) the orthogonal projection of said top side onto said main body being contained in said geometrical base and wherein the top sides (129) of the respective protrusions (129) of said first side and said second side lie in two planes parallel to said planar main body the electrode being further characterized by specific shape and orientation requirements. Method for producing the bipolar electrode as above described which includes an embossing step.

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

(21) Application No.10652/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: IMMUNOCONJUGATES COMPRISING ANTI CD79B ANTIBODIES

:A61K47/48,A61P35/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)GENENTECH INC. :61/669270 (32) Priority Date :09/07/2012 Address of Applicant : 1 DNA Way South San Francisco (33) Name of priority country California 94080 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/049517 (72) Name of Inventor: Filing Date 1)POLAKIS Paul :08/07/2013 (87) International Publication No :WO 2014/011519 2)POLSON Andrew (61) Patent of Addition to Application 3)SPENCER Susan Diane :NA Number 4)YU Shang Fan :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

The invention provides immunoconjugates comprising anti CD79b antibodies covalently attached to a pyrrolobenzodiazepine and methods of using the same.

No. of Pages: 121 No. of Claims: 37

(21) Application No.10653/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CD33 ANTIBODIES AND USE OF SAME TO TREAT CANCER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:15/05/2013 :WO 2013/173496 :NA :NA	(71)Name of Applicant:  1)SEATTLE GENETICS INC.  Address of Applicant: 21823 30th Drive Southeast Bothell Washington 98021 U.S.A.  (72)Name of Inventor:  1)SUTHERLAND May Kung 2)RYAN Maureen 3)SUSSMAN Django 4)BURKE Patrick 5)JEFFREY Scott
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

The invention provides murine chimeric and humanized antibodies that specifically bind to CD33. The antibodies are useful for treatment and diagnoses of various cancers as well as detecting CD33.

No. of Pages: 73 No. of Claims: 50

(21) Application No.10655/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: OMNIDIRECTIONAL WHEEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <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>	:B60B19/00 :1255494 :12/06/2012 :France :PCT/FR2013/051371 :12/06/2013 :WO 2013/186489 :NA :NA	(71)Name of Applicant: 1)NEW LIVE Address of Applicant: 5 rue de lIndustrie F 67660 Betschdorf France (72)Name of Inventor: 1)OHRUH Michel
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to an omnidirectional wheel (1) comprising a central hub (2) on which a tread (3) consisting of the juxtaposition of wheels or sleeves arranged along radial planes is peripherally mounted. The omnidirectional wheel (1) according to the invention comprises spokes (5, 51) which are connected two by two via a shaft section (6) which is coaxial to the hub (2) which has a round cross section and onto which freely rotatable rings (4) are fitted said shaft section (6) further comprising struts (7) inserted between each of said rings (4) said struts (7) being shaped such that said rings (4) remain in a radial position said shaft section (6) consisting of a series of a plurality of abutting tubular segments (61, 62, 63, 64, 65). The invention further relates to a module (10) for assembling an omnidirectional wheel (1) according to the invention.

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

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: STEREOSCOPIC DISPLAYS WITH ADDRESSABLE FOCUS CUES

(51) International classification :H04N13/04,G02B27/22 (71)Name of Applicant : (31) Priority Document No 1)THE ARIZONA BOARD OF REGENTS ON BEHALF :61/795500 (32) Priority Date OF THE UNIVERSITY OF ARIZONA :18/10/2012 (33) Name of priority country :U.S.A. Address of Applicant: University Services Bldg Room 204, (86) International Application No :PCT/US2013/065422 888 N. Euclid Avenue, P.O. Box 210158, Tucson, AZ 85721-Filing Date :17/10/2013 0158 U.S.A. (87) International Publication No :WO 2014/062912 (72) Name of Inventor: (61) Patent of Addition to Application 1)HUA, Hong :NA Number 2)HU,Xinda :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

The present invention relates generally to stereoscopic displays, and more particularly, but not exclusively to stereoscopic displays with addressable focus cues. A stereoscopic display system with the addressable focus cues, comprises: a microdisplay for providing a virtual image for display to a user; a reflective active optical element configured to provide a variable optical power; a relay lens disposed along an optical path between the microdisplay and the active optical element, the relay lens positioned therebetween such that the microdisplay and the active optical element are disposed at conjugate planes of the relay lens; a beamsplitter disposed along the optical path between the microdisplay and the active optical element at an orientation to receive optical radiation from the active optical element; and a see- through eyepiece comprising a selected surface configured to receive optical radiation from the beamsplitter and reflect the received radiation to an exit pupil of the system to provide a virtual display path the selected surface also configured to receive optical radiation from a source other than the microdisplay and to transmit such optical radiation to the exit pupil to provide a see - through optical path.

No. of Pages: 52 No. of Claims: 15

(21) Application No.1843/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: LOCKING IMPLANT

(51) International classification	:A61C 8/00	(71)Name of Applicant:
(31) Priority Document No	:61/244,116	1)V.R .IMPLANTS LTD
(32) Priority Date	:21/09/2009	Address of Applicant :HIRSHFELD 19/11 RISHON LEZION,
(33) Name of priority country	:U.S.A.	ISRAEL Israel
(86) International Application No	:PCT/IL2010/000699	(72)Name of Inventor:
Filing Date	:26/08/2010	1)SHRIBMAN, VICTOR
(87) International Publication No	:WO 2011/033498	2)GREENBERG, RODICA
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	NY 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An implant assembly for supporting a prosthesis, the assembly comprising: a implant comprising: a body portion located at a distal end of the bladed implant; a collar portion located at a proximal end of the implant; a central bore extending through the collar portion and into the implant body portion, the central bore having an engagement portion and comprising a plurality of openings radially disposed with a plurality of blades pivotally connected to the body portion of implant, each blade aligned with one of the plurality of openings and capable of moving between a retracted position to an extended position; and a shaft member, having a proximal section and a distal section, said shaft member configured to engage the central bore thereby causing the plurality of blades to extend radially from the body portion anchoring the implant into the bone structure surrounding the implant body portion.

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

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: EXTRACTION UNIT WITH MULTI- SIZE CARTRIDGE CAVITY

:A47J31/36,A47J31/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)NESTEC S.A. :12187717.9 (32) Priority Date Address of Applicant : Av. Nestl 55, CH -1800 Vevey :09/10/2012 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2013/070866 (72) Name of Inventor: Filing Date :08/10/2013 1)FLICK, Jean-Marc; (87) International Publication No :WO 2014/056862 2)BONACCI, Enzo; (61) Patent of Addition to Application 3) RYSER, Antoine; :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

An extraction unit (10) for extracting cartridges (la; lb) of two different dimensions (da, ha; db, hb) comprises a seat (14, 20) for receiving any of these cartridges (la; lb) for extraction thereof in the seat. The seat is delimited by a first part (20, 30, 33) and second part (12, 13, 14) that are relatively movable between a cartridge extraction position and a cartridge loading and/or ejection position. The first delimiting part has a first member (30) and a second member (33) that are relatively movable between: - a first member position delimiting a cartridge cavity of a first depth (Ha) for receiving a cartridge (la) having a first height (ha); and - a second member position in which the cartridge cavity has a second depth (Hb) different to the first depth (Ha) for receiving a cartridge (lb) having a second height (hb) different to the first height (ha). The unit (10) further comprises an actuator (21, 25), in particular a motorized actuator having a motor (21), for relatively moving the first and second members (30, 33) from the first to the second member position and/or vice versa depending on the dimension (da, ha; db, hb) of a cartridge (la; lb) to be received in the seat (30, 33, 14) and extracted.

No. of Pages: 35 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: EXTRACTION UNIT WITH A SHIFTABLE MULTI -SIZE CARTRIDGE RECEIVER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A47J31/36 :12187718.7 :09/10/2012 :EPO :PCT/EP2013/070756 :07/10/2013 :WO 2014/056810 :NA :NA :NA	(71)Name of Applicant:  1)NESTEC S.A. Address of Applicant: Av. Nestl 55, CH-1800 Vevey Switzerland (72)Name of Inventor: 1)FLICK, Jean-Marc; 2)BONACCI, Enzo; 3)RYSER, Antoine;
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#### (57) Abstract:

An extraction unit (10) for extracting cartridges (1a;1b) of two different dimensions (da ,ha;db, hb) comprises a seat (14, 20) for receiving any of these cartridges (1a;1b) for extraction thereof in the seat. The seat is delimited by a first part (20, 30, 33) and second part (12, 13,14) that are relatively movable between a cartridge extraction position and a cartridge loading and/or ejection position over a closure distance (Ca, Cb). The first delimiting part (20, 30, 33) is extendable and retractable for defining a cartridge cavity having selectively:- a first depth (Ha) for receiving a cartridge (1a) having a first height (ha); and - a second depth (Hb) different to this first depth (Ha) for receiving a cartridge (1b) having a second height (hb) different to this first height (ha). At least one of the delimiting parts (14, 20) has a shifter (21, 35, 38) for compensating the extension and retraction of the first delimiting part (20, 30, 33) so as to maintain the closure distance (Ca) for the first member position equal to the closure distance (Cb) for the second member position.

No. of Pages: 35 No. of Claims: 19

(21) Application No.10913/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

(54) Title of the invention: WORK MACHINE

(51) International classification	:G05B23/02	(71)Name of Applicant:
(31) Priority Document No	:2013052468	1)KOMATSU LTD.
(32) Priority Date	:14/03/2013	Address of Applicant :2 3 6 Akasaka Minato ku Tokyo
(33) Name of priority country	:Japan	1078414 Japan
(86) International Application No	:PCT/JP2013/069830	(72)Name of Inventor:
Filing Date	:22/07/2013	1)FUJIMORI Toshiyuki
(87) International Publication No	:WO 2014/141495	2)SUGIMURA Shunsuke
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This work machine (1) is provided with a controller (20) that includes: a first memory unit (20MA) for storing work machine information (MI) the first memory unit (20MA) being enabled for rewriting the stored work machine information (MI); and a processor (20C) for collecting the work machine information (MI) and allowing at least some of the work machine information (MI) to be stored in the first memory unit (20MA) when trigger information is generated to start storage of the work machine information (MI) in the first memory unit (20MA). The first memory unit (20MA) stores header information (HD). The processor (20C) produces work machine data (MID) from the collected work machine information (MI) in accordance with the header information (HD) and stores the work machine data (MID) in the first memory unit (20MA) at the time when the trigger information is generated.

No. of Pages: 66 No. of Claims: 12

(21) Application No.10914/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

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

:F16H15/30,B62M11/12 (71)Name of Applicant : (51) International classification (31) Priority Document No :12 55867 1)INAWA (32) Priority Date Address of Applicant :12 Grande rue F 21250 Lechatelet :21/06/2012 (33) Name of priority country :France France (86) International Application No :PCT/EP2013/062939 (72) Name of Inventor: Filing Date :20/06/2013 1) CHEVALIER Pierre (87) International Publication No :WO 2013/190067 2)PANZUTI Adrien (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

The invention relates to a continuously variable transmission device (2) which includes: a guiding cover (4) rotating about a first axis (X4) a guided cover (6) rotating about a second axis (X6) a planet gear (20) provided with a first belt (205) in contact with an inner surface (S4) of the guiding cover and a second belt (207) in contact with an inner surface (S6) of the guided cover. Contact areas (Z4 Z6) between the belts and the inner surfaces of the covers are defined in a single first radial plane relative to the first axis. The planet gear (20) rotates about a third axis (X20) contained in the first radial plane and in which the angular orientation relative to the first axis (X4) defines the transmission ratio of the device. The planet gear pivots about a fourth axis (Y20) perpendicular to the first radial plane and nonintersecting with the first axis (X4). The planet gear (20) pivots about a fifth axis (Z20) parallel to the first radial plane and perpendicular to the third axis (X20).

No. of Pages: 39 No. of Claims: 11

(12)TATENT ATTLICATION TODLICATION

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 11/09/2015

(54) Title of the invention: CLAMP 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>	:F16L23/08 :2012164777 :25/07/2012 :Japan :PCT/IB2013/055687 :11/07/2013 :WO 2014/016721 :NA :NA :NA	(71)Name of Applicant:  1)AISIN TAKAOKA CO. LTD.  Address of Applicant: 1 Tennoh Takaoka Shin machi Toyota shi Aichi 4738501 Japan (72)Name of Inventor:  1)SATO Katsuya
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(21) Application No.10915/DELNP/2014 A

#### (57) Abstract:

(19) INDIA

A clamp device to develop a flange fastening force relatively larger than heretofore with a nut clamp torque relatively smaller than heretofore is provided. A main clamp body (10) includes an elongated tightening groove (13) of a U or V shaped transverse cross section delimited by a pair of groove forming wall sections. First and second lobe parts (15) are disposed in the vicinity of end portions of two such tightening grooves. The main clamp body presents a ring shape when bolt (22) and nut (23) are mounted in position on the lobe parts (15) disposed facing each other. Each of the lobe parts (15) includes pair of sidewall sections (51) respectively contiguous to the pair groove delimiting wall sections that delimit the tightening groove (13). Each lobe part also includes a curved outer end wall section (52) interconnecting the pair of sidewall sections at an outer end of each lobe part and a seat surface wall section (53) contiguous to the pair of sidewall sections and to the outer end wall section. The seat surface wall section provides a seat surface for bolt or nut. An arcuately shaped fulcrum part (54) is formed on the curved outer end wall section (52) of each lobe part (15) to extend along the curving direction of the outer end wall section.

No. of Pages: 22 No. of Claims: 2

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: VENTILATOR AND BLADE THEREFOR

(51) International classification :F03B3/12,F03D1/06,F24F7/02 (71)Name of Applicant :

(31) Priority Document No :2012903918 (32) Priority Date :07/09/2012 (33) Name of priority country :Australia

(86) International Application No :PCT/AU2013/001020

Filing Date :09/09/2013

(87) International Publication No :WO 2014/036611

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

1)CSR BUILDING PRODUCTS LIMITED

Address of Applicant: Triniti 3, 39 Delhi Rd, North Ryde,

NSW 2113 Australia (72) Name of Inventor: 1)MUNN, Derek;

2)ALFAKHRANY, Tarek; 3)SCHWECKE, Colin;

#### (57) Abstract:

Filing Date

A roof mounted ventilator comprising a plurality of blades is disclosed. Each blade comprises front and back blade faces and leading and trailing edges. When the ventilator is viewed in side profile, the blades are positioned and configured such that a line of sight into the interior of the ventilator is substantially restricted or obstructed. Restricting or obstructing the line of sight into the ventilator can reduce or prevent various particles, such as water droplets, debris, dust and light, from entering the ventilator interior. For example, rain is thereby forced to strike a face of the blades, thus preventing direct access into the ventilator interior. The blade itself may include additional features, such as a lip that extends along the length of the leading edge, to further prevent particles from entering the ventilator interior, or to redirect the particles away from the ventilator interior in a controlled manner.

No. of Pages: 26 No. of Claims: 29

(21) Application No.10850/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: EXTRUSION DIE PRE HEATING DEVICE 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</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:20/06/2013 :WO 2013/188961 :NA :NA	(71)Name of Applicant:  1)EXCO TECHNOLOGIES LIMITED  Address of Applicant:130 Spy Court Markham Ontario L3R 5H6 Canada (72)Name of Inventor:  1)ROBBINS Paul
Filing Date	:NA	

### (57) Abstract:

A method of pre heating an extrusion die comprises heating an extrusion die using a first group of heating elements and a second group of heating elements; and then heating the extrusion die using only the first group of heating elements to bring the extrusion die to a desired pre heat temperature or heating the extrusion die using the first and second groups of heating elements the second group of heating elements being operated at reduced power to bring the extrusion die to a desired pre heat temperature.

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

(21) Application No.10851/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: EXTRUSION BLOW MOULDED TUBE 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</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B29C49/22 :00637/13 :20/03/2013 :Switzerland :PCT/EP2014/055660 :20/03/2014 :WO 2014/147206 :NA :NA :NA	(71)Name of Applicant:  1)ALPLA WERKE ALWIN LEHNER GMBH & CO. KG Address of Applicant: Allmendstrasse A 6971 Hard Austria (72)Name of Inventor: 1)KNZ Johann
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### (57) Abstract:

The invention relates to an extrusion blow moulded tube which is filled or can be filled by way of its rear end and the body shoulder and neck of which are produced in one piece by extrusion blow moulding. The tube has an LLDPE rich layer with an LLDPE content of 50 to 95% by weight and the average wall thickness of the tube in the region of the body is 0.3 to 0.85 millimetres.

No. of Pages: 19 No. of Claims: 21

(21) Application No.10852/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: A METHOD FOR THE MANUFACTURE OF A PLASTICS PRODUCT AND A PRODUCT MADE BY THE METHOD

(51) International :B29C67/00,B29C70/68,B29C70/78

classification

:PA 2012 70393 (31) Priority Document No (32) Priority Date :04/07/2012 (33) Name of priority country: Denmark

(86) International Application :PCT/DK2013/050216

No

:01/07/2013 Filing Date

(87) International Publication: WO 2014/005591

(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)LEGO A/S

Address of Applicant : Aastvej 1 DK 7190 Billund Denmark

(72)Name of Inventor: 1)HANSEN Christina 2)LICHT BTCHER Rene

## (57) Abstract:

A method for the manufacture of a plastics product (1) and a plastics product (1) which plastics product (1) comprises a first (2) and a second (3) component that are both manufactured completely or partially from moulding plastics and which first component (2) is manufactured by moulding in a mould such as by injection moulding and which second component (3) is made by a process in which it is built in a layer by layer fashion such as by 3D printing and having a mounting surface (7); and wherein the first component (2) is ready moulded and ejected from the mould prior to it being joined with the second component (3) to form the plastics product (1). By the first layer of material formed in the 3D printing process of manufacturing the second component (3) being formed on a surface having the same shape as the mounting surface (7) of the first component (2) it is enabled to manufacture a product with a high degree of design individuality while simultaneously parts of the product can be made with very fine tolerances.

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

(21) Application No.10853/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: THICK NI-CONTAINING STEEL PLATE

(51) International

:C22C38/00,C22C38/08,C22C38/58

classification

(31) Priority Document No :2012162335 :23/07/2012

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

(86) International Application :PCT/JP2013/004399

:18/07/2013

Filing Date

:NA

(87) International Publication :WO 2014/017057

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

(62) Divisional to Application :NA

Number Filing Date (71)Name of Applicant:

1) JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor:

1)MIURA Shinichi 2)SHIMBO Yukio

3)ISHIKAWA Nobuyuki

## (57) Abstract:

The purpose of the present invention is to provide at a low cost an Ni containing steel plate that has an excellent low temperature toughness. To achieve this purpose an Ni containing steel plate is provided said Ni containing steel plate being characterized by: having a composition consisting of in terms of mass% 0.01 0.15% of C 0.02 0.20% of Si 0.45 2.00% of Mn not more than 0.020% of P not more than 0.005% of S 0.005 0.100% of Al and 5.0 8.0% of Ni with Fe and inevitable impurities as the balance; when cooled to liquid nitrogen temperature showing an amount of retained austenite of less than 1.7 vol%; and the average crystal grain diameter expressed in an equivalent circular diameter of crystal grains that are surrounded by a high angle grain boundary having an orientation difference of 15 degrees or more being not more than 5 µm.

No. of Pages: 21 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD OF PRODUCING METAL -COATED STEEL STRIP

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C23C2/04 :2012904524 :17/10/2012 :Australia :PCT/AU2013/001198 :17/10/2013 :WO 2014/059476 :NA :NA :NA	(71)Name of Applicant:  1)BLUESCOPE STEEL LIMITED  Address of Applicant: Level 11, 120 Collins Street, Melbourne ,Victoria 3000 Australia (72)Name of Inventor:  1)NEUFELD, Aaron, Kiffer 2)RENSHAW, Wayne, Andrew 3)TAPSELL, Geoff
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#### (57) Abstract:

A method of forming a coating of an Al- Zn- Si- Mg alloy on a steel strip to form an Al- Zn -Mg- Si coated steel strip is disclosed. The method includes the steps of dipping steel strip into a bath of molten Al- Zn -S-i Mg alloy and forming a coating of the alloy on exposed surfaces of the steel strip and cooling the coated strip with cooling water. The cooling step includes controlling the pH of cooling water to be in a range of p H 5 -9. Particular embodiments focus on Al -Zn- Si- Mg alloys that contain the following elements in % by weight: Zn: 30 to 60 , Si: 0.3 to 3, Mg: 0.3 to 10 , and Balance Al and unavoidable impurities.

No. of Pages: 27 No. of Claims: 32

(21) Application No.10859/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: CANDY MOULDING MACHINE

(51) International classification :A23G3/12,A23G3/56,B30B11/02 (71)Name of Applicant :

(31) Priority Document No :12172804.2 (32) Priority Date :20/06/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/060395

No Filing Date

:21/05/2013

(87) International Publication

:WO 2013/189680

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

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

(57) Abstract:

1)GEA FOOD SOLUTIONS WEERT B.V.

Address of Applicant :De Fuus No. 8 NL 6006 RV Weert

Netherlands

(72) Name of Inventor:

1)ASMA Seferinus Jelle

extending press chambers wherein each press chamber comprises an insert area to insert a stick into the mass providing a pair of inner and outer stamps per press chamber for pressing a piece of the mass into the desired shape by displacing at least the inner stamp relative to the press chamber. The present invention further relates to an apparatus for moulding a lollipop from a piece of mass of a sugar bar or a similar material comprising: a rotatable central ring having an axis of rotation and a multitude of circumferentially spaced radially extending press chambers wherein each press chamber comprises an insert area to insert a stick into the mass a pair of inner and outer stamps per press chamber for pressing a piece of the mass into the desired shape whereas at least the inner stamp is displaceable and during pressing and the inner stamp is driven by a pressure curve. Another subject matter of the present invention is a plunger preferably for the inventive apparatus.

The present invention relates to a method for moulding a lollipop from a piece of mass of a sugar bar or a similar material comprising the steps: providing a rotatable central ring (6) having an axis of rotation and a multitude of circumferentially spaced radially

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

(21) Application No.10861/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

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

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:F01M11/00,F02F7/00 :2012136921 :18/06/2012 :Japan :PCT/JP2013/063810 :17/05/2013 :WO 2013/190936 :NA :NA	(71)Name of Applicant:  1)MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Address of Applicant: 33 8 Shiba 5 chome Minato ku Tokyo 1088410 Japan (72)Name of Inventor: 1)KIDA Naoki
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided is an oil pan for an internal combustion engine the oil pan being configured so that the oil pan can contain the entire required amount of oil and so that the oil pan can be easily mounted to and dismounted from the body of the internal combustion engine. An oil pan (10) for an internal combustion engine is mounted on a vehicle which is provided with a pair of left and right side members extended in the front rear direction of the vehicle and which is also provided with a cross member (5) extended in the width direction of the vehicle and affixed to the pair of side members. The oil pan (10) is of the type divided into two parts in the vertical direction that is into an upper oil pan (20) which is mounted to the body of the internal combustion engine and which has an opening (23h) in the bottom section (23) thereof and into a lower oil pan (30) which is mounted so as to close the opening (23h) of the upper oil pan (20) from below. The oil pan (10) has an overlap section (11) located above the cross member (5) and overlaps the cross member (5). In a state in which the oil pan (10) is mounted on the vehicle the lower oil pan (30) is provided located in front of or behind the overlap section (11) so as to include the overlap section (11).

No. of Pages: 38 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BRAIN FUNCTION EVALUATION SYSTEM AND BRAIN FUNCTION EVALUATION METHOD

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012192339	1)NATIONAL UNIVERSITY CORPORATION TOKYO
(32) Priority Date	:31/08/2012	MEDICAL AND DENTAL UNIVERSITY
(33) Name of priority country	:Japan	Address of Applicant :5- 45, Yushima 1 -chome ,Bunkyo- ku,
(86) International Application No	:PCT/JP2013/073344	Tokyo 1138510 Japan
Filing Date	:30/08/2013	2)RIKEN
(87) International Publication No	:WO 2014/034856	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ISHIKAWA, Kinya
Number		2)MIZUSAWA ,Hidehiro
Filing Date	:NA	3)NAGAO ,Soichi
(62) Divisional to Application Number	:NA	4)HONDA ,Takeru
Filing Date	:NA	5)HASHIMOTO, Yuji

### (57) Abstract:

In order to evaluate a motor- function disorder accompanying a brain disease by a non- conventional new method, a brain function evaluation system (1) is provided with: a display device (11) for displaying an index indicated by a subject (X); an indicated position specification unit (14) for specifying an indicated position indicated by the subject (X) on the display device (11); and a deviation amount calculation unit (16) for calculating a deviation amount between the display position of the index and the position indicated by the subject (X).

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

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: APPARATUS FOR FLUID CONTROL DEVICE MONITORING

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:13/598242	1)GENERAL EQUIPMENT AND MANUFACTURING
(32) Priority Date	:29/08/2012	COMPANY, INC., D/B/A TOPWORX, INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :3300 Fern Valley Road, Louisville, KY
(86) International Application No	:PCT/US2013/056561	40213 U.S.A.
Filing Date	:26/08/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/035856	1)RIGSBY, Bruce
(61) Patent of Addition to Application	:NA	2)SIMMONS, Michael
Number		3)FLOYD, Jennifer, A.
Filing Date	:NA	4)LAFOUNTAIN, Robert ,Lynn
(62) Divisional to Application Number	:NA	5)PENNING, Bruce, R.
Filing Date	:NA	

#### (57) Abstract:

Apparatus for fluid control device monitoring are disclosed. An example apparatus includes a body through which a shaft extends. The shaft is to be coupled to an actuator. An angular position of the shaft is based on a position of the actuator. The apparatus includes a target coupled to the shaft and a circuit including a user configurable switch and a proximity switch. The user configurable switch is configurable to a first state or a second state. When the user configurable switch is in the first state and the target is distant from the proximity switch, the circuit is to output a first signal. When the user configurable switch is in the second state and the target is distant from the proximity switch, the circuit is to output a second signal different than the first signal.

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

(21) Application No.10866/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: GAS SEPARATION DEVICE

(51) International classification:B01D53/04,B01J20/06,B01J20/34 (71) Name of Applicant: (31) Priority Document No :2012137889 1)TOKYO GAS CO.LTD. (32) Priority Date Address of Applicant: 5 20 Kaigan 1 chome Minato ku Tokyo :19/06/2012 (33) Name of priority country :Japan 1058527 Japan (86) International Application 2)ADSORPTION TECHNOLOGY INDUSTRIES LTD. :PCT/JP2013/066449 3)KYUSHU UNIVERSITY NATIONAL UNIVERSITY :14/06/2013 Filing Date CORPORATION (87) International Publication 4) JNC ENGINEERING CO. LTD. :WO 2013/191098 (72) Name of Inventor: (61) Patent of Addition to 1)FUJIMINE Tomoya :NA **Application Number** 2)NAKASHIMA Yoshifumi :NA Filing Date 3)IZUMI Jun (62) Divisional to Application 4)MIURA Norio :NA Number 5)TANIUCHI Tadashi :NA Filing Date 6)KUROKI Manabu

#### (57) Abstract:

A simple and low cost gas separation device is provided. The gas separation device (100) comprises: an adsorption tower (110) having an adsorption agent (120) that adsorbs oxygen in a prescribed pressure and temperature environment and having at least one section thereof exposed to a higher temperature atmosphere than normal temperature; a first supply path (132) connected to the adsorption tower and guiding into the adsorption tower air that has been blown from a blowing device (130); a second supply path (136) that guides air at a lower flow rate than the first supply path into the adsorption tower; a separated gas discharge path (140) connected to the adsorption tower and which discharges separated gas; a first heat exchange unit (150) that exchanges heat between the separated gas discharged from the adsorption tower and the air guided into the adsorption tower from the first supply path; an oxygen discharge unit (160) that reduces pressure inside the adsorption tower causes oxygen to be desorbed from the adsorption agent and discharges the oxygen from the adsorption tower; and a second heat exchange unit (170) that exchanges heat between the oxygen and the air guided into the adsorption tower from the second supply path.

No. of Pages: 50 No. of Claims: 6

1)AIRLIGHT ENERGY IP SA

Address of Applicant: Via Industria 10 CH 6710 Biasca

(19) INDIA

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: ABSORBER ARRANGEMENT FOR A TROUGH COLLECTOR

:F24J2/07,F24J2/24,F24J2/00 (71)Name of Applicant : (51) International classification (31) Priority Document No :895/12

:NA

(32) Priority Date :24/06/2012 (33) Name of priority country :Switzerland

(86) International Application No :PCT/CH2013/000109 Filing Date :20/06/2013 (87) International Publication No :WO 2014/000114

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA 1)AMBROSETTI Gianluca 2)GRANZELLA Sergio 3)PEDRETTI RODI Andrea

(72) Name of Inventor:

Switzerland

(57) Abstract:

Filing Date

Number

The invention relates to an elongated absorber arrangement for a trough collector which is exposed to concentrated radiation over its length during operation and which has means for transporting a heat transfer fluid through the absorber arrangement. The absorber arrangement has at least one fluid free absorber space for concentrated radiation which has a thermal opening leading to the interior thereof and walls for absorbing the heat that is incident on it. The means for transporting the fluid have a feed line arrangement and a discharge line arrangement which are operationally connected to one another by a heat exchanger arrangement through which fluid flows wherein said heat exchanger arrangement extends over the length of the absorber arrangement is designed for the fluid to flow through as a transverse flow in relation to the length of the absorber arrangement and is thermally connected to the at least one absorber space in such a way that the fluid is heated during operation in the transverse flow from an inlet temperature to the operating temperature and reaches the discharge line arrangement at this temperature.

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

(22) Date of filing of Application :27/03/2015

(43) Publication Date: 11/09/2015

## (54) Title of the invention: SOUND- ABSORBING MATERIAL HAVING EXCELLENT SOUND- ABSORPTION PROPERTIES AND METHOD FOR MANUFACTURING SAME

(51) International :B60R13/08,D04H1/542,D04H1/4391

classification

(31) Priority Document No :1020120108764 (32) Priority Date :28/09/2012 (33) Name of priority

:Republic of Korea country

(86) International

:PCT/KR2013/008630 Application No

:26/09/2013 Filing Date

(87) International :WO 2014/051351 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)HYUNDAI MOTOR COMPANY

Address of Applicant: 12 Heolleung- ro, Seocho- gu, Seoul

137-938 Republic of Korea

2)KIA MOTORS CORPORATION 3)TORAY CHEMICAL KOREA INC.

(72)Name of Inventor: 1)KIM Hyo Seok 2)KIM Do Hyun 3)KIM Chi Hun 4)JEONG Kie Youn

5)PARK Bong Hyun 6)LEE Jung Wook

#### (57) Abstract:

The present invention relates to a sound- absorbing material having excellent sound -absorption properties and to a method for manufacturing same; and more particularly, to a sound- absorbing- material, and to a method for manufacturing same having excellent sound absorption properties in which a wide surface area and an air layer are formed so as to be capable of causing viscous loss in incident acoustic energy and to improve sound absorption rate and transmission loss. Excellent sound absorption properties can be achieved even with a small fiber amount thereby enabling lightweight design and a binder fiber having rebound resilience is used so as to improve the sound absorption properties by maximizing the viscous loss of the acoustic energy transmitted to a fiber structure while maintaining a sufficient binding force between fibers.

No. of Pages: 36 No. of Claims: 20

(21) Application No.10648/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: ABSORBENT ARTICLE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A61F13/475 :PCT/EP2012/061010	(71)Name of Applicant: 1)SCA HYGIENE PRODUCTS AB
(32) Priority Date	:11/06/2012	Address of Applicant :S 405 03 Gteborg Sweden
(33) Name of priority country	:PCT	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/061571	1)JOHANSSON Charlotte
Filing Date	:05/06/2013	2)FREDRIKSON Susanne
(87) International Publication No	:WO 2013/186098	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention concerns an absorbent article (1) in the form of a sanitary napkin or incontinence pad having longitudinal side edges and transversal end edges and comprising a fluid permeable topsheet (8) a fluid impermeable backsheet (9) and an absorbent core (10) located between the topsheet (8) and the backsheet (9). The absorbent core (10) comprises a first absorbent layer (11) having an opening (12) extending there through and a fluid flow control structure (13) located between said first absorbent layer (11) and said backsheet (9). An elastic member (16) is arranged along each longitudinal side edge (2 3) of the absorbent article (1). The first absorbent layer (11) has a longitudinal front portion (6) and a longitudinal back portion (7) and a narrow transversal transition (14) located between said front portion (6) and said back portion (7). The width of the narrow transversal transition (14) is 50 75% of the widest transversal width of the front portion (6) of the first absorbent layer (11) and 20 50% of the longitudinal length of the opening (12) is located in the front portion (6) of the first absorbent layer (11). The front portion (6) of the first absorbent layer (11) constitutes 20 40% of the total longitudinal length of the first absorbent layer (11). An interspace (17) is located in an area between the elastic member (16) and the first absorbent layer (11) at least in an area laterally outside the narrow transversal transition (14).

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

(21) Application No.10649/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: CARBOHYDRATE DETECTION

(51) International classification :G01N33/53,C07D333/24,C12Q1/04

(31) Priority Document No :12507513 (32) Priority Date :02/07/2012 (33) Name of priority

country :Sweden

(86) International

Application No :PCT/SE2013/050810

Filing Date :27/06/2013

(87) International Publication :WO 2014/007730

(61) Patent of Addition to

Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)RICHTER LIFE SCIENCE DEVELOPMENT AB

Address of Applicant :Orrvgen 6 S 132 35 Saltsj Boo Sweden

(72)Name of Inventor:

1)RICHTER DAHLFORS Agneta

2)CHOONG Xiankeng

## (57) Abstract:

The present invention relates to a method for detection identification and/or quantification of one or more carbohydrates. The method comprises the steps of contacting an objector a sample with a luminescent conjugated oligothiophene (LCO) and detecting at least one detection signal of the luminescent conjugated oligothiophene. The presence of and/or the identity of and/or the quantity of one or more carbohydrates that is or are present on said object or in said sample is determined based on said detected detection signal from the LCO. The invention encompasses methods for carbohydrate detection by use of oligothiopene derivatives. The methods are quick easy and direct and can be performed in real time as well as in situ.

No. of Pages: 72 No. of Claims: 16

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : PREFILLED SYRINGE OUTER CYLINDER AND PREFILLED SYRINGE OUTER CYLINDER PACKAGING

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date  SNA SNA SPCT/JP2012/083980 SPCT/JP2012/083	<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> </ul>	:NA :PCT/JP2012/083980 :27/12/2012 :WO 2014/102987 :NA :NA	(72)Name of Inventor:
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#### (57) Abstract:

A prefilled syringe outer cylinder (6) is provided with the following: an outer cylinder body (61); a flange part (62) that is disposed on a proximal end of the outer cylinder body (61), protrudes outward and cannot pass through an outer cylinder holding opening (45); a nozzle part (64) disposed on a distal end of the outer cylinder body (61); and a lock adaptor (70) that covers the nozzle part (64), has a larger diameter than the outer diameter of the outer cylinder body (61), and can pass through the outer cylinder holding opening (45). The prefilled syringe outer cylinder (6) is inserted into the outer cylinder holding opening (45) of an outer cylinder holding member (4) from the proximal side and the flange part (62) comes into contact with the peripheral edge of the outer cylinder holding opening (45) and enters into a suspended state. Further, the prefilled syringe outer cylinder (6) has an inclination part (72) that is positioned at the proximal end of the lock adaptor (70), is inclined towards the outer peripheral surface of the outer cylinder body (61), and is for guiding when the prefilled syringe outer cylinder (6) is withdrawn from the outer cylinder holding opening (45).

No. of Pages: 94 No. of Claims: 9

(21) Application No.10905/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : RING BRUSH RING BRUSH UNIT BRUSH ROLL AND BRUSH TYPE ROAD SWEEPING VEHICLE

(51) International classification :B24D13/10,A46B7/04,A46B7/08 (71) Name of Applicant : (31) Priority Document No 1)HOWA MACHINERY LTD. :2012137532 (32) Priority Date Address of Applicant: 1900 1 Sukaguchi Kiyosu shi Aichi :19/06/2012 (33) Name of priority country 4528601 Japan :Japan (86) International Application (72) Name of Inventor: :PCT/JP2013/066752 1)KAWAMOTO Yasushi :18/06/2013 Filing Date 2)KATOH Haruyuki (87) International Publication :WO 2013/191184 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract:

The inventive ring brush is provided with a brush piece assembly and a ring member for attaching the brush piece assembly to a brush shaft. The brush piece assembly comprises a ring shaped brush base formed from a synthetic resin material and a linear brush piece which extends radially on the outer circumferential side of the ring member. The brush piece is attached to the brush base and is formed from the same synthetic resin material as the brush base. The ring member is formed from a pair of retaining members for sandwiching the brush piece assembly from the front and rear in the axial direction thereof.

No. of Pages: 55 No. of Claims: 16

(21) Application No.10906/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD FOR THE CONTROLLED REMOVAL OF FOREIGN GASES FROM A SORPTION DEVICE WITH AN INERT GAS TRAP

:F25B43/04,F25B17/08 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)INVENSOR GMBH :10 2012 108 504.8 (32) Priority Date :12/09/2012 Address of Applicant: Gustav Meyer Allee 25 13355 Berlin (33) Name of priority country Germany :Germany (86) International Application No :PCT/EP2013/068929 (72) Name of Inventor: Filing Date 1)BRAUNSCHWEIG Niels :12/09/2013 (87) International Publication No :WO 2014/041083 2)PAULUEN Sren (61) Patent of Addition to Application 3)KONTOGEORGOPOULOS Eythymios :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The invention concerns a method which enables an inert gas to be removed from an inert gas trap during operation of a sorption machine in particular an adsorption machine thus ensuring improved control of the removal.

No. of Pages: 21 No. of Claims: 11

(21) Application No.10907/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: APPARATUS AND METHOD FOR BIOLOGICAL SEWAGE TREATMENT

(51) International classification	:C02F3/30	(71)Name of Applicant:
(31) Priority Document No	:201220327781.1	1)LI Jinmin
(32) Priority Date	:06/07/2012	Address of Applicant :Jinluo Science and Technology Park
(33) Name of priority country	:China	Bancheng Town Lanshan District Linyi Shandong 276036 China
(86) International Application No	:PCT/CN2013/078850	2)ZHOU Liankui
Filing Date	:05/07/2013	3)LI Dayong
(87) International Publication No	:WO 2014/005540	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)LI Jinmin
Number	:NA	2)ZHOU Liankui
Filing Date	.11/1	3)LI Dayong
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An apparatus comprises a concentrated mixed liquor driving device which uses a gas for driving the concentrated liquor to flow The gas can be an oxygen containing gas especially an oxygen containing aeration gas after aeration treatment. Also provided is a method for biological sewage treatment which comprises a step of using the gas for driving the concentrated mixed liquor to flow.

No. of Pages: 47 No. of Claims: 38

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: ASPHALTIC SHEET MATERIALS INCLUDING EXPANDABLE GRAPHITE

(51) International classification :C08K3/04,C08L95/00,E04D5/00 (71)Name of Applicant: (31) Priority Document No :61/670864 1)FIRESTONE BUILDING PRODUCTS CO. LLC (32) Priority Date :12/07/2012 Address of Applicant :250 West 96th Street Indianapolis IN (33) Name of priority country :U.S.A. 46260 U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/050251 No 1)ZHOU Wensheng :12/07/2013 Filing Date 2)KIRK Donald (87) International Publication 3)YOUNG James :WO 2014/011977 4)ANDERSON Robert (61) Patent of Addition to 5)STANDEFORD Joseph :NA **Application Number** 6)BLACK Lance :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

An asphaltic sheet comprising an asphaltic component including an asphalt binder and expandable graphite and optionally a polymer modifier complementary flame retardant dispersed within the asphalt binder. These sheet materials are useful as roofing underlayment as roofing membranes and as barrier materials such as air vapor and/or moisture barriers modifier complementary flame retardant dispersed within the asphalt binder.

No. of Pages: 49 No. of Claims: 28

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATED DEPLOYMENT OF GEOGRAPHICALLY DISTRIBUTED APPLICATIONS WITHIN A CLOUD

(51) International classification	:G06F9/50,H04L12/24	(71)Name of Applicant:
(31) Priority Document No	:13/648628	1)ALCATEL LUCENT
(32) Priority Date	:10/10/2012	Address of Applicant :3 avenue Octave Greard, F-75007 Paris
(33) Name of priority country	:U.S.A.	France
(86) International Application No	:PCT/IB2013/002408	(72)Name of Inventor:
Filing Date	:30/09/2013	1)ROSENSWEIG, Elisha
(87) International Publication No	:WO 2014/057347	2)SHALEV, Etti
(61) Patent of Addition to Application	.NI A	3)MENDEL ,Sharon
Number	:NA	4)ROSENFELD ,Amir
Filing Date	:NA	5)BRAZILAY, Sivan
(62) Divisional to Application Number	:NA	6)HAIBY, Ranny
Filing Date	:NA	7)ESHET ,Itamar

#### (57) Abstract:

Various exemplary embodiments relate to a method and related network node including one or more of the following: receiving, from a requesting device, a request to establish a component of an application; identifying a policy file associated with the application, wherein the policy file defines at least one segment for the application and defines at least one constraint for a first segment of the at least one segment; selecting the first segment for establishment of the component; selecting a location for establishment of the component ,wherein the location is selected to be consistent with the at least one constraint; and establishing the component at the selected location.

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

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DEVICE AND METHOD FOR CONTINUOUSLY PRODUCING PORTIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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 109 247.8 :28/09/2012 :Germany	(71)Name of Applicant:  1)GEA FOOD SOLUTIONS GERMANY GMBH Address of Applicant: Betriebssttte Kempten, Ignaz- Kiechle- Str. 40, 87437 Kempten Germany (72)Name of Inventor: 1)GAHLER, Thomas 2)MLLER, Ralf-Peter 3)MAY, Alexander 4)MOEST, Markus
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#### (57) Abstract:

The invention relates to a device (5) for slicing several food products (2), in particular sausage, ham, and/or cheese, wherein a respective track (7) is provided for each food product (2), along which track the food product is transported in the direction of a moving blade (11). The invention further relates to a method for slicing at least two food products in two separate tracks (7). Each food product is transported along a track in the direction of a cutting blade (11) by a transport means (4). The cutting blade cuts food slices from the food product (2).

No. of Pages: 14 No. of Claims: 9

(21) Application No.10624/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 11/09/2015

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

(51) International classification :H04L12/717,H04L12/70 (71)Name of Applicant : (31) Priority Document No :2012135031 1)NEC CORPORATION (32) Priority Date Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo :14/06/2012 (33) Name of priority country 1088001 Japan :Japan (86) International Application No :PCT/JP2013/003673 (72) Name of Inventor: Filing Date :12/06/2013 1)CHIBA Yasunobu (87) International Publication No :WO 2013/187054 2)SUGYOU Kazushi (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

An operation management method for a plurality of control apparatuses has not been established for a system where communication equipment is centrally controlled by a control apparatus. A communication system includes a plurality of control apparatuses that determine a packet handling operation; a plurality of packet processing means that process packets in accordance with the packet handling operation notified by the control apparatus; assignment means that assigns with respect to each of the packet processing means a control apparatus that controls the packet processing means concerned; and a database that is shared by the plurality of control apparatuses and that stores information related to the packet handling operation; wherein each of the control apparatuses refers to the database to determine the packet handling operation.

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

(22) Date of filing of Application :26/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: TRANSPORTABLE HOSE-TEST CONTAINERS, SYSTEMS AND METHODS

(51) International :G01M3/28,B65D88/00,E04B1/348 classification

:WO 2014/055523

(31) Priority Document No :61/709983 (32) Priority Date :04/10/2012

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

(86) International Application :PCT/US2013/062876

:01/10/2013

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

(71)Name of Applicant: 1) GATES CORPORATION

Address of Applicant: 1551 Wewatta Street, IP Law Dept. 1-0

A3, Denver, Colorado 80202 U.S.A.

(72) Name of Inventor:

1)HENDERSON,Kim

2) HILLS, Andy

3)SWIFT ,Jonathan Clark 4) EDLUND, Robert Clifford

(57) Abstract:

A transportable test system having a control room module, a first IMR test module, and a second IMR test module. The test modules may have fasteners that permit assembly into a unitary package of predetermined overall dimension (i.e. size and shape) such as a standard shipping container dimension. A first IMR test module may have a clean fluid provider and/or supply reservoir, and a second IMR test module may have a used fluid collector and/or collection reservoir. The system may include pressurization, hose restraint, fluid containment module stabilization/mobilization, lifting, cleaning, and control subsystems.

No. of Pages: 27 No. of Claims: 30

(21) Application No.2547/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015

(43) Publication Date: 11/09/2015

## (54) Title of the invention: PALLET CONTAINER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:13/09/2013 :WO 2014/044372 :NA :NA	(71)Name of Applicant:  1)MAUSER -WERKE GMBH Address of Applicant: Schildgesstr. 71- 163, 50321 Br <sup>1</sup> / <sub>4</sub> hl 7 Germany (72)Name of Inventor: 1)WEYRAUCH, Detlev; 2)BISCHOFF,Sebastian;
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a pallet container (10) for storing and transporting especially hazardous liquid products, comprising, a replaceable thin- walled thermoplastic inner receptacle (16) for holding the liquid product, a tube grid frame (14) which tightly surrounds the inner receptacle (16) as a supporting jacket, is made of vertical and horizontal tubular bars that are welded together, and is secured to the upper outer edge of a forklift -adapted base pallet (12). The rectangular base pallet (12) has a flat top deck consisting of a thin sheet metal plate (18) as a support for the inserted inner receptacle (16) and a pallet understructure that includes four thermoplastic corner legs (24) and four thermoplastic central legs (26) therebetween. The base pallet also has a rectangular steel tube base ring (34) which extends peripherally in a horizontal direction on the floor side. The base pallet (12) is provided with means for diverting electric charges, said means being designed in such a way that the pallet understructure has an upper tubular frame that has four separate, equally long tube pieces (32) which extend diagonally directly below the metal plate (18) and the ends of which are secured to two adjacent central legs (26) in such a way that a rhombic support frame on which the metal plate (18) is mounted is formed below the base plate. The four separate tube pieces (32) are connected in an electrically conductive manner to the steel tube base ring (34) located on the floor side by means of adequate threaded joints (48) so that the pallet container of the invention is protected in a simple and elegant fashion against any type of electric charges.

No. of Pages: 21 No. of Claims: 9

(21) Application No.2485/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SELF-PROPELLED CLEANING ROBOT

<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>	:B08B1/04,A47L9/28,A47L11/38 :2012281531 :25/12/2012 :Japan	(71)Name of Applicant: 1)MIRAIKIKAI INC. Address of Applicant: 2- 20- 23, Chuou, Kurashiki -shi, Okayama 7100046 Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2013/007561 :25/12/2013	(72)Name of Inventor: 1)MORITA, Kazuo 2)MIYAKE, Tohru
No (61) Patent of Addition to	:WO 2014/103291	
Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided is a self-propelled cleaning robot that is capable of efficiently cleaning even a flat surface comprising a gap or a step. The robot (1) travels on a structure comprising a flat surface (SF) in which a groove (G) is formed and cleans the flat surface (SF) of the structure. The robot (1) is provided with a robot main body (2) comprising a movement means (4) for self- propulsion and a guidance unit (40) that guides the movement of the robot main body (2). The guidance unit (40) is provided with a shaft member (43) that is removably inserted in the groove (G) and a shaft member movement mechanism (45) that controls the insertion and removal of the shaft member (43) with respect to the groove (G). The robot main body (2) is arranged so as to be rotatable around the shaft member in a state in which the shaft member (43) of the guidance unit (40) is inserted in the groove.

No. of Pages: 76 No. of Claims: 6

(22) Date of filing of Application :26/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: AUTONOMOUS-TRAVEL CLEANING ROBOT

:WO 2014/103290

(51) International classification: B08B1/04,A47L9/28,A47L11/38 (71) Name of Applicant: :2012281077 (31) Priority Document No (32) Priority Date :25/12/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/007560

Filing Date

:25/12/2013

(87) International Publication

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

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

(57) Abstract:

Filing Date

1)MIRAIKIKAI INC.

Address of Applicant: 2-20-23, Chuou, Kurashiki-shi,

Okayama 7100046 Japan (72)Name of Inventor: 1)MIYAKE, Tohru

2)MATSUUCHI, Hideto 3)MORITA, Kazuo

Provided is an autonomous- travel cleaning robot with which cleaning can be performed continuously, even in large spaces, without increasing the size thereof. This robot, which autonomously travels upon a structure (SP) provided with a flat surface disposed outdoors, and cleans a target flat surface (SF) of the structure (SP), is provided with: a robot main body (2) having, provided thereto, a movement means for implementing autonomous travel; and cleaning units (10) provided to side surfaces of the robot main body (2). The cleaning units (10) are each provided with: a rotatable brush (12) comprising a shaft part (12a), and brush parts (12b) provided to the shaft part (12a); and an air-current forming cover (15) which, during cleaning of the flat surface, is provided covering a portion of the brush (12), said portion being located at a side of the robot main body (2) and at a side opposite to the flat surface. The provision of a dust-collection portion to the robot main body (2) is not required, and thus increasing the size of the robot main body (2) is unnecessary. Furthermore, dust suction is not required, and thus power consumption can be reduced, thereby enabling cleaning of extremely large places to be performed continuously.

No. of Pages: 50 No. of Claims: 6

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ACTIVIN-ACTRIIA ANTAGONISTS AND USES FOR PROMOTING BONE GROWTH

<ul> <li>(51) International classification</li> <li>(31) 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>	:60/739,462 :23/11/2005 :U.S.A.	(71)Name of Applicant:  1)ACCELERON PHARMA INC Address of Applicant: 24 Emily Street, Cabridge, MA 02139 (US) U.S.A. (72)Name of Inventor: 1)KNOPF, John
<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>Filed on</li> </ul>	: NA :NA :NA :4430/DELNP/2008 :23/05/2008	2)SEEHRA, Jasbir

## (57) Abstract:

In certain aspects, the present invention provides compositions and methods for promoting bone growth and increasing bone density. The invention disclose polypeptide comprising an amino acid sequence that is at least 90% identical to the amino acid sequence of SEQ ID NO:7, wherein the N-terminus of the polypeptide is ILGRSETQE. The invention discloses methods of making ActRIIA polypeptide and pharmaceutical preparation



No. of Pages: 91 No. of Claims: 31

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR MANUFACTURING OPHTHALMIC 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> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:B29D11/00 :2009433 :07/09/2012 :Netherlands :PCT/NL2013/050642 :06/09/2013 :WO 2014/038938 :NA :NA	(71)Name of Applicant: 1)INNOVALENS B.V. Address of Applicant: Marinus van Meelweg 2, NL -5657 EN Eindhoven Netherlands (72)Name of Inventor: 1)VAN DIJK, Emerentius Maria Josephus Antonius;
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A system (10) and method for manufacturing ophthalmic devices in particular contact lenses or intraocular lenses, the system comprising: at least one injection molding machine for manufacturing a cup bottom part (202) and cup top part (204) to form a cast mold, a cooling station (30), an injection assembly (120) arranged for injecting an amount of monomeric material into the cup bottom part, a curing assembly (130), a first optical inspection assembly (140) for determining at least one first optical cup part parameter, a second optical inspection assembly (150) for determining at least one optical combination parameter of the combination of the cured monomeric material formed into a lens and the cup part that bears the lens, and an electronic control (14) provided with a calculation module for determining at least one optical lens parameter of the lens on the basis of the cup part parameter and the combination parameter. Possibly, production parameters can be adjusted on the basis of trend changes of the lens parameters of produced lenses.

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

(21) Application No.2480/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date: 11/09/2015

(54) Title of the invention: ELECTROCONDUCTIVE FILM AND TOUCH PANEL AND DISPLAY DEVICE PROVIDED WITH **SAME** 

(51) International

:G06F3/041,G02F1/1333,G09F9/00

classification (31) Priority Document No

:2012215262

(32) Priority Date

:27/09/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/075641

No Filing Date

:24/09/2013

(87) International Publication :WO 2014/050785

(61) Patent of Addition to :NA

**Application Number** Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

## (57) Abstract:

An electroconductive film of the present invention is provided on a display unit of a display device and has at least one transparent base, and at least two wiring layers that are disposed in layers on both sides of the transparent base or on either side of each of the at least two transparent bases and have a regular arrangement. A wiring pattern of the wiring layers is superimposed onto a pixel array pattern of the display unit, the wiring pattern of a lower layer being disposed out of phase in relation to an upper layer. When a first lowest frequency (fm1) is the lowest frequency of the moir spatial frequency obtained by convolving a spatial frequency property of the wiring pattern and a spatial frequency property of the pixel array pattern, and a second lowest frequency (fm2) is the lowest frequency of the moir spatial frequency obtained by convolving one half the spatial frequency property of the wiring pattern and the spatial frequency property of the pixel array pattern, finl  $\leq$  fm2.

No. of Pages: 58 No. of Claims: 9

(71)Name of Applicant:

#### 1)FUJIFILM CORPORATION

Address of Applicant: 26 - 30, Nishiazabu 2- chome, Minato-

ku ,Tokyo 106-8620 Japan (72) Name of Inventor: 1)IWAMI Kazuchika

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DOHERTY POWER AMPLIFICATION CIRCUIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H03F1/07 :201220476291.8 :18/09/2012 :China :PCT/CN2013/083765 :18/09/2013 :WO 2014/044189 :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)YU, Minde  2)DAI, Li 3)QIN, Tianyin 4)ZHAI, Wenyu
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Disclosed is a Doherty power amplification circuit comprising: a power allocation circuit, and a power amplification circuit connected to the power allocation circuit. Critically, the Doherty power amplification circuit, also comprises a combination output circuit connected to the power amplification circuit the combination output circuit being a rheo static filter coupler, a rheo static filter or a rheo static coupler. The present utility model can be applied to reduce the dimension of a power amplification circuit reduce the costs of the power amplification circuit, and improve the power amplification efficiency.

No. of Pages: 12 No. of Claims: 7

(21) Application No.2556/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/03/2015

(43) Publication Date: 11/09/2015

## (54) Title of the invention: PALLET CONTAINER

(51) International classification	:B65D77/04	(71)Name of Applicant:
(31) Priority Document No	:20 2012 009 327.4	1)MAUSER- WERKE GMBH
(32) Priority Date	:21/09/2012	Address of Applicant :Schildgesstr. 71- 163, 50321 Br <sup>1</sup> / <sub>4</sub> hl 7
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/002764	(72)Name of Inventor:
Filing Date	:13/09/2013	1)WEYRAUCH, Detlev
(87) International Publication No	:WO 2014/044375	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a pallet container (10) for storing and transporting especially hazardous liquid products, comprising a replaceable plastic inner receptacle (16) and a supporting jacket (14) which consists of a tube grid frame, tightly surrounds the plastic inner receptacle, and is secured to the upper outer edge of the pallet. The rectangular pallet has a flat top deck (18) as a support for the inserted plastic inner receptacle and an understructure that includes four corner legs, four central legs therebetween, and a horizontal peripheral base ring (34). According to the invention, the top deck (18) of the pallet consists of a flat, planar, rectangular metal plate which has no upward-protruding shapes such as reinforcement beads on the surface and no elevations on the external faces, and has a short, downward -facing edge (20) on each of the four external faces of the metal plate. Said edges, which extend along the external faces of the metal plate are pressed against the corner legs and central legs below the metal plate, into an edge- adapted recess (28) in the corner legs and central legs by the lowest horizontal peripheral frame tube (22) of the tube grid frame that is put in place from above. The edges of the metal plate are thus secured in such a way that the four external faces of the planar rectangular metal plate are linearly mounted on the understructure of the pallet.

No. of Pages: 25 No. of Claims: 7

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD AND DEVICE FOR MEASURING A CURRENT FLOWING THROUGH A SWITCH

(51) International classification :G01R19/00,G01R19/10,G01R19/165

(31) Priority Document No :10 2012 218 773.1 (32) Priority Date :15/10/2012

(33) Name of priority country :Germany

(86) International :PCT/EP2013/071383

Application No
Filing Date

114/10/2013

(87) International :WO 2014/060330

Publication No
(61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)CONTINENTAL AUTOMOTIVE GMBH

Address of Applicant: Vahrenwalder Strae 9, 30165 Hannover

Germany

(72)Name of Inventor: 1)NEIC, Aurel - Vasile

#### (57) Abstract:

The invention relates to a method and a device (1) for measuring a current (Ix) flowing through a switch (2) which has an unknown inner resistance (Rs) and two connections (3, 4), a voltage difference (u8) being measured at the switch. During operation, the current (ip) provided by an AC voltage source (6), which is part of an AC voltage circuit (5) connected in parallel to the switch (2), is superimposed on the current (Ix) to be measured, said current flowing through the switch (2), by means of the AC voltage source, wherein both the amplitude (Ip) and the frequency (pf) of the current (ip) provided by the AC voltage source (6) are known. An AC voltage component (up) of the voltage difference (us) and the amplitude (Up) of the component are ascertained, and the current (Ix) between the connections (3, 4) is ascertained and output proportionally to the amplitude (Ip) of the current (ip) of the AC voltage source (6).

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

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: BASE STATION, TERMINAL, AND POWER CONTROL 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</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:28/08/2013 :WO 2014/036905 :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)CHEN, Kanhao
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Disclosed are a base station a terminal, and a power control method thereof. For the power control method of the base station, when the base station sends information to a user equipment, the method comprises: obtaining first transmit power at which data information is sent to the user equipment; based on the first transmit power, determining first data interference intensity for a terminal belonging to a neighboring base station; determining whether a different between the first data interference intensity and an interference threshold is greater than 0, and obtaining a determination result; if the determination result indicates that the difference is greater than 0, reducing the first transmit power to second transmit power, so that second data interference intensity for the terminal belonging to the neighboring base station is not greater than the interference threshold when the data information is sent at the second transmit power, thereby solving the technical problem in the prior art that the base station excessively interferes with other terminals when sending the data information signal.

No. of Pages: 29 No. of Claims: 12

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING ADDITIONAL CONTENT TO THE USER OF THE INTERNET NETWORK

#### (57) Abstract:

The method consists in that by means of a routing system, Internet transmission is analysed and having performed the http traffic analysis and having detected a request for a new site, by means of the routing system at least one additional website is inserted into the stream of data and additional content is provided. The system comprises a routing module (2) connected to the Internet (1), to an adserver (4), to a web server (5) and to a management module (6), the routing module being situated between the user (3) of the Internet (1) and the Internet (1) provider.

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

(21) Application No.2484/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: AUTONOMOUS-TRAVEL CLEANING ROBOT

:WO 2014/103293

(51) International classification: B08B1/04,A47L9/28,A47L11/38 (71) Name of Applicant: :2012281078 (31) Priority Document No (32) Priority Date :25/12/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/007564

:25/12/2013 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

1)MIRAIKIKAI, INC.

Address of Applicant: 2-20-23, Chuou, Kurashiki-shi

Okayama 7100046 Japan (72)Name of Inventor: 1)MIYAKE, Tohru

2)MATSUUCHI, Hideto 3)MORITA, Kazuo

#### (57) Abstract:

Provided is an autonomous- travel cleaning robot with which a flat surface can be efficiently cleaned even if steps are formed therein. This robot, which autonomously travels upon a structure provided with a flat surface disposed outdoors, and cleans the flat surface of the structure, is provided with: a robot main body (2), having provided thereto, a movement means (4) for implementing autonomous travel; a cleaning unit (10) provided to a front part and/or a rear part of the robot main body (2); and a controller (30) for controlling operation of the movement means (4). The controller (30) is provided with an orientation controller (35) which detects the orientation of the robot main body (2). The orientation controller (35) is provided with a rise detection sensor (36) for detecting rising of the front part or the rear part of the robot main body (2). When the rise detection sensor detects rising of the front part or the rear part of the robot main body (2), the controller (30) controls operation of the movement means (4) such that the cleaning unit (10) passes over a place (NSA) where rising was detected, after the rising has subsided.

No. of Pages: 73 No. of Claims: 7

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CONTROL OF POWER CONSUMPTION MODES OF COMMUNICATIONS APPARATUS

(51) International classification	:H04W40/00,H04W52/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :SE -164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/069418	1)GROSSO, Renato;
Filing Date	:02/10/2012	2)MARCHIONINI, Lorenzo;
(87) International Publication No	:WO 2014/053166	3)RISSOTTO, Stefano;
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A network management system (NMS) for a communications network has communications apparatus (60) capable of being operated in different power consumption modes to provide different levels of performance has a path computation apparatus (20) configured to select paths for the traffic using the communications apparatus, based on information about traffic load in the network and on information about the power consumption modes of the communications apparatus of at least one of the nodes. A power mode controller (10) is also provided for controlling the power consumption modes of the communications apparatus according to information about traffic load and according to information about the paths selected. By combining of path computation and the control of power consumption modes the overall power consumption of the network can be reduced. A slave power mode controller can be provided.

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

Address of Applicant : Alfred-Nobel-Strasse 10, 40789

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

:NA

## (54) Title of the invention: MULTI -DAY PATCH FOR THE TRANSDERMAL ADMINISTRATION OF ROTIGOTINE

 (51) International classification
 :A61K9/70,A61K31/381

 (31) Priority Document No
 :12193808.8

 (32) Priority Date
 :22/11/2012

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/003515

Filing Date :21/11/2013

(87) International Publication No :WO 2014/079573

(61) Patent of Addition to Application
Number
:NA

Filing Date
(62) Divisional to Application Number :NA

Monheim Germany
2)LTS LOHMANN THERAPIE SYSTEME AG

(71)Name of Applicant:

1)UCB PHARMA GMBH

(72)Name of Inventor: 1)CAWELLO, Willi 2)LAPPERT, Aurelia 3)KASSNER, Kristina

4)WOLFF, Hans -Michael 5)MLLER ,Walter

6)LEONHARD, Johannes Josef 7)EMGENBROICH, Marco

#### (57) Abstract:

Filing Date

The present invention relates to a transdermal therapeutic system comprising (a) a backing layer, (b) a solvent - based self- adhesive matrix layer containing rotigotine as active ingredient, and (c) a release liner, wherein the self - adhesive matrix layer has a coating weight of about 75- 400 g/m2 and comprises a reservoir layer containing about 9- 25 wt.- % rotigotine based on the weight of the reservoir layer, a kit comprising two transdermal therapeutic systems of the present invention as well as a method for the preparation of the transdermal therapeutic system of the present invention. In addition, the present invention relates to a transdermal therapeutic system comprising rotigotine as active ingredient for use in the treatment of patients suffering from Parkinson's disease Parkinson's plus syndrome, depression, fibromyalgia and the restless-legs syndrome and for use in the treatment or prevention of dopaminergic neuron loss or cognitive disorders by transdermal administration of rotigotine once or twice weekly, wherein the transdermal therapeutic system comprises a backing layer, a solvent-based rotigotine containing self- adhesive matrix layer as well as a release liner and is adapted to allow for the transdermal administration of therapeutically effective amounts of rotigotine for at least 3 days.

No. of Pages: 90 No. of Claims: 37

(21) Application No.2489/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: FILTER ASSEMBLY AND FILTER ASSEMBLY MANUFACTURING METHOD

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PC' Filing Date :12/	Address of Applicant :Industrigatan 3, S-619 33 Trosa Swe (72)Name of Inventor : 1)LANS, Erik 1)	veden
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#### (57) Abstract:

The present invention relates to a filter assembly comprising at least one media pack arranged in a frame structure in which the at least one media packs is pleated and having opposing first and second open ends, and a corresponding method for manufacturing such a filter assembly for removing particles from an air stream. The method for manufacturing a filter assembly for removing particles from an air stream said comprises for each media pack sealing the first and second open ends in a first molding step , thereby providing a sealed first edge and a sealed second edge of each respective media pack , and subsequently arranging the at least one media pack in the frame structure and in a second molding step securing and sealing the sealed first edge and the sealed second edge, respectively , to at least one frame element of the frame structure.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: MULTIVARIABLE MODULATOR CONTROLLER FOR POWER GENERATION FACILITY

:H02J3/00,H02J13/00,H02J3/16 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)VARMA Rajiv Kumar :61/912969 (32) Priority Date Address of Applicant: 511 Cottontail Crescent London Ontario :06/12/2013 (33) Name of priority country :U.S.A. N5X 4M4 Canada (86) International Application No :PCT/CA2014/051174 (72) Name of Inventor: Filing Date :05/12/2014 1)VARMA Rajiv Kumar (87) International Publication No :WO 2015/081444 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

Systems methods and devices relating to operating a power generation facility to contribute to the stability of the power transmission system. A controller operates on the power generation facility to modulate real power or reactive power or both in a decoupled manner to contribute to the stability of the power transmission system. Real power produced by the power generation facility can be increased or decreased between zero and the maximum real power available from the PV solar panels as required by the power system. Reactive power from the power generation facility can be exchanged (injected or absorbed) and both increased or decreased as required by the power transmission system. For solar farms the solar panels can be connected or disconnected or operated at non optimal power production to add or subtract real or reactive power to the power transmission system.

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

(21) Application No.2501/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SIRNA AND THEIR USE IN METHODS AND COMPOSITIONS FOR THE TREATMENT AND/OR PREVENTION OF EYE CONDITIONS

(51) International classification :C12N15/113,A61K31/712 (71)Name of Applicant : 1)SYLENTIS SAU (31) Priority Document No :1215857.2 :05/09/2012 (32) Priority Date Address of Applicant :Plaza del Descubridor Diego de Ordas no. 3, planta 5, E- 28003 Madrid Spain (33) Name of priority country :U.K. (86) International Application No :PCT/EP2013/068245 (72) Name of Inventor: Filing Date :04/09/2013 1) JIMENEZ ANTON, Ana Isabel (87) International Publication No :WO 2014/037377 2) GONZALEZ FAJARDO, Victoria (61) Patent of Addition to Application 3)RUZ PALOMAR, Veronica :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The invention relates to methods and compositions for the treatment and/or prevention of eye conditions related to high levels of expression and/or activity of the vanilloid- 1 receptor (TRPV).

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

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SMOKING ARTICLE COMPRISING AN AIRFLOW DIRECTING 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 Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> </ul>	:A24F47/00 :12198957.8 :21/12/2012 :EPO :PCT/EP2013/077604 :20/12/2013 :WO 2014/096317 :NA	(71)Name of Applicant:  1)PHILIP MORRIS PRODUCTS S.A.  Address of Applicant: Quai Jeanrenaud 3 CH 2000 Neuchtel Switzerland (72)Name of Inventor:  1)MIRONOV Oleg  2)SANNA Daniele  3)LAVANCHY Frederic  4)ROUDIER Stephane
Number Filing Date	:NA	1 '
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

There is provided a smoking article (100) having a mouth end and a distal end. The smoking article comprises: a heat source(102); an aerosol forming substrate (104); an airflow directing element (106) comprising an air permeable segment (128) downstream of the aerosol forming substrate the airflow directing element defining an airflow pathway; and at least one air inlet (132) for drawing air into the air permeable segment. The airflow pathway comprises a first portion and a second portion the first portion of the airflow pathway extending from the at least one air inlet towards the aerosol forming substrate and the second portion of the airflow pathway extending from the aerosol forming substrate towards the mouth end of the smoking article. The first portion of the airflow pathway is defined by a low resistance to draw portion of the air permeable segment that extends from proximate to the at least one air inlet to an upstream end of the air permeable segment and the air permeable segment further comprises a high resistance to draw portion that extends from proximate to the at least one air inlet to a downstream end of the air permeable segment and the ratio of the resistance to draw of the high resistance to draw portion to the resistance to draw of the low resistance to draw portion is higher than 1:1 and lower than about 50:1. In use a user draws on the mouth end of the smoking article which draws air into the smoking article through the at least one air inlet. The drawn air passes upstream along the first portion of the airflow pathway towards the aerosol forming substrate where a formed aerosol is entrained in the drawn air. The drawn air and entrained aerosol pass downstream along the second portion of the airflow pathway towards the mouth end of the smoking article to be inhaled by the user.

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

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : NANOSCALE FIELD- EFFECT TRANSISTORS FOR BIOMOLECULAR SENSORS AND OTHER APPLICATIONS

(51) International classification :G01N27/327,B82Y15/00,G01N27/414

(31) Priority Document No:61/700201

(32) Priority Date :12/09/2012 (33) Name of priority :U.S.A.

country .U.S.A

(86) International Application No :PCT/US2013/059454

Filing Date :12/09/2013

(87) International Publication No :WO 2014/043341

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

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

(71)Name of Applicant:

1)PRESIDENT AND FELLOWS OF HARVARD

COLLEGE

Address of Applicant :17 Quincy Street, Cambridge, MA

02138 U.S.A.

(72)Name of Inventor:

1)LIEBER, Charles, M.

2)CHOE, Hwan ,Sung

3)LIU ,Xueliang

## (57) Abstract:

The present invention generally relates to nanoscale wires including to nanoscale wires, used as sensors. In some cases, the nanoscale wires may be used to directly determine analytes, even within relatively complicated environments such as blood, unlike many prior art techniques. In some aspects, the nanoscale wire form at least a portion of the gate of a field -effect transistor, and in certain aspects, different periodically - varying voltages or other electrical signals may be applied to the field -effect transistor. For example, in one set of embodiments, sinusoidally-varying voltages of different frequencies may be applied to the nanoscale wire and the source electrode of the field -effect transistor. The electrical conductance or other properties of the nanoscale wire in response to the periodically- varying voltages may then be determined and used to determine binding of the species.

No. of Pages: 36 No. of Claims: 40

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR MEASURING LUNG CAPACITY AND STAMINA

:A61B5/08,A61B5/087 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)COUNTINGAPP MEDICAL LTD. :61/696824 (32) Priority Date :05/09/2012 Address of Applicant :22 Refidim Street, 6998243 Tel Aviv (33) Name of priority country :U.S.A. Israel (86) International Application No :PCT/IB2013/056883 2)LOTAN, Chaim Filing Date :26/08/2013 3)LOTAN, Aviv (87) International Publication No :WO 2014/037843 4) KREMER-TAL, Sigal (61) Patent of Addition to Application (72)Name of Inventor: :NA Number 1)LOTAN, Chaim :NA Filing Date 2)LOTAN, Aviv (62) Divisional to Application Number :NA 3) KREMER-TAL, Sigal Filing Date :NA

### (57) Abstract:

A computerized method and system for measuring a user s lung capacity and stamina, to detect Chronic Heart Failure COPD or Asthma, comprising: providing a client application on a user s mobile communication device said client application comprising executable computer code for: instructing the user to fill his lungs with air and utter vocal sounds within a certain range of loudness (decibels) while exhaling; receiving and registering by the mobile communication device said user s vocal sounds; stopping the registering of vocal sounds; measuring the length of the vocal sounds receiving time within said range of loudness, said time proportionate the user s lung volumes; and displaying the length of sound received time results on the mobile communication device screen.

No. of Pages: 26 No. of Claims: 29

(21) Application No.207/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013 (43) Publication Date : 11/09/2015

(54) Title of the invention: SCLECGL

(51) International classification	:H05B 3/60	(71)Name of Applicant : 1)DHARMENDRA KUMAR
(31) Priority Document No	:NA	Address of Applicant :VILL. GOPALPUR, POST.
(32) Priority Date	:NA	GHUNGHCHAI, TEH-PURANPUR, PILIBHIT Uttarakhand
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DHARMENDRA 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:

This machine work on the principle of flow of liquids. It also work static pressure, and dynamic pressure for generating electricity. 15 watt can be used because-25 Watt consume Battery source and other.

No. of Pages: 3 No. of Claims: 1

(21) Application No.2502/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: REDUCTION OF PEAK TO AVERAGE RATIO IN OFDM SYSTEMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04L27/26 :12306052.7 :04/09/2012 :EPO :PCT/EP2013/068122 :03/09/2013 :WO 2014/037318 :NA :NA	(71)Name of Applicant:  1)ST- ERICSSON SA  Address of Applicant: Chemin du Champ -des- Filles 39, CH - 1228 Plan- les- Ouates Switzerland (72)Name of Inventor: 1)DHAYNI, Achraf
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An emitter for modulating and emitting an orthogonal frequency division multiplexing signal through a transmission channel (TC), comprising a frequency- to- time converter for converting symbols to be transmitted into time symbols, and means for serializing and amplifying said time symbol so as to emit it as an OFDM signal through said transmission channel, said emitter further comprising: means (12) for clipping said time symbols; time- to- frequency convertor (13) for converting said time symbols; and means for applying a set of data subcarriers of the outputs of said time to frequency converter as inputs of said frequency -to-time converter wherein out- of- band subcarriers are set to zero and the clipping level is set to a minimum level allowing the amplifier to operate in an efficient region.

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

(21) Application No.2504/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DEVICE AND METHOD FOR DISPLAYING THREE- DIMENSIONAL IMAGE, AND PROGRAM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61B6/03 :2012201581 :13/09/2012 :Japan :PCT/JP2013/005328 :09/09/2013 :WO 2014/041791 :NA :NA	(71)Name of Applicant:  1)FUJIFILM CORPORATION  Address of Applicant: 26 -30, Nishiazabu 2 -chome, Minato-ku, Tokyo 1068620 Japan (72)Name of Inventor:  1)MASUMOTO, Jun
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

To make it possible to control display of a label added to a three-dimensional image without placing a burden on the user. [Solution] Labels are added by a label adding unit (16) to structures such as a body surface region, a lung region, bronchial tubes, and pulmonary nodules of a person, extracted by a structure extraction unit (14) from a three-dimensional image (V0) of a chest. An image display control unit (18) causes a display unit (26) to display a volume rendering of the three-dimensional image (V0). At this time, a label display determination unit (20) determines a label to be displayed together with the displayed volume rendering image on the basis of a degree of transparency during the volume rendering display. The label display control unit (22) causes the display unit (26) to display the determined label together with the volume rendering image.

No. of Pages: 24 No. of Claims: 8

(21) Application No.2571/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: HALOBACTERIA EXTRACTS COMPOSITION FOR TUMOR REDUCTION

(51) International :A61K35/74,A61K36/02,A61P35/00

classification

(31) Priority Document No :222128 (32) Priority Date :24/09/2012 (33) Name of priority country:Israel

(86) International :PCT/IL2013/050785

Application No :16/09/2013 Filing Date

(87) International Publication :WO 2014/045279

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

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

:NA

(57) Abstract:

(71)Name of Applicant:

1)DR. NONA INTERNATIONAL LTD.

Address of Applicant: 11 Levi Moshe Street, 75658 Rishon

Lezion Israel

(72) Name of Inventor: 1)KUCHINA, Nona

The present invention provides a composition and method for treating solid tumors in a mammalian subject. The composition comprising halobacterial extracts containing antioxidants, comprising: (a) at least one water soluble fraction and, (b) at least one oil soluble fraction, wherein the halobacterial extract is adapted for the apeutic treatment of solid tumor reduction. Furthermore, the composition, comprising halobacterial extract adapted to promote solid tumor reduction in radiation treatment in vitro and in vivo.

No. of Pages: 36 No. of Claims: 52

(21) Application No.2572/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: URETHANE CURABLE COMPOSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C08G18/22 :2013062033 :25/03/2013 :Japan :PCT/JP2014/057261 :18/03/2014 :WO 2014/156810 :NA	(71)Name of Applicant:  1)NOF CORPORATION  Address of Applicant: 20-3, Ebisu 4- chome, Shibuya -ku, Tokyo 1506019 Japan (72)Name of Inventor:  1)KATAOKA Shingo 2)SUGIHARA Yasushi 3)ICHIHARA Yuto
(86) International Application No		(72)Name of Inventor:
(87) International Publication No		2)SUGIHARA Yasushi
(61) Patent of Addition to Application Number		3)ICHIHARA Yuto
Filing Date (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A urethane curable composition comprising (a) a catalyst, (b) a polyol having at least two hydroxy groups per molecule, (c) a polyisocyanate having at least two isocyanate groups per molecule and (d) silica particles at a specified content ratio , wherein the catalyst (a) is a carboxylic acid metal salt represented by formula (1).  $M(OCOR)n \cdots (1)$  (wherein M represents Li , Na , K, Rb, Cs , Mg, Ca, Sr, Ba , Mn , Fe, Co, Ni, Cu , Zn, or Pb; R represents any one of a saturated hydrocarbon group , a linear unsaturated hydrocarbon group , an alicyclic hydrocarbon group and an aromatic hydrocarbon group each having 1 to 20 carbon atoms; and n represents a numeral value that is same as the atomic value of M).

No. of Pages: 29 No. of Claims: 2

(21) Application No.2495/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: A BREWING UNIT FOR FOOD PREPARATION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A47J31/44 :12189878.7	(71)Name of Applicant: 1)NESTEC S.A.
(32) Priority Date	:25/10/2012	Address of Applicant :Av. Nestl 55, CH- 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/071754	(72)Name of Inventor:
Filing Date	:17/10/2013	1)YOAKIM, Alfred;
(87) International Publication No	:WO 2014/063992	2)TALON, Christian;
(61) Patent of Addition to Application	:NA	3)DENISART, Jean-Paul;
Number Filing Date	:NA	4)NEUROHR, Damien;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention is directed to a brewing unit (3) for enclosing a food preparation ingredient, said brewing unit being releasably and leak- tightly connectable to a pressurized fluid source (2) through connecting means (6,7,8), said unit (3) further comprising fluid injection means (19), and at least two cavity parts (10,11) able to assemble to create a closed cavity for enclosing said ingredient functionally such that said brewing unit (3) can inject fluid through said ingredient under pressure for mixing with said ingredient, said brewing unit (3) is fully detachable from said pressurized fluid source (2), and comprises locking means (22,23,24) for preventing disassembly of the cavity parts (10,11) when said brewing unit (3) is detached from the fluid source (2).

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

(21) Application No.2496/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: MULTI- SIZE CARTRIDGE EXTRACTION UNIT HAVING GUIDING SLIDES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A47J31/36 :12187716.1 :09/10/2012 :EPO :PCT/EP2013/070780 :07/10/2013 :WO 2014/056821 :NA :NA :NA	(71)Name of Applicant:  1)NESTEC S.A. Address of Applicant: Av. Nestl 55, CH-1800 Vevey Switzerland (72)Name of Inventor: 1)FLICK, Jean-Marc; 2)BONACCI, Enzo; 3)RYSER, Antoine;
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

An extraction unit (10) for extracting cartridges (la;lb) of two different dimensions (da, ha;db, hb) comprises a seat (14,20) for receiving any of such cartridges (la;lb) and for extraction thereof in the seat. The unit (10) further comprises a pair of slides (19a) for guiding any of such cartridges (la;lb) towards the seat (14,20) in a sliding contact of each of these slides (19a) with a cartridge guide (5a;5b) of the cartridges (la; lb). The slides are relarively movable to be spaced selectively by a first and second distance (Da,Db) according to the size (da, db) of the cartridge.

No. of Pages: 35 No. of Claims: 20

(21) Application No.2567/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PROCESS FOR THE REDUCTION OF NITRO DERIVATIVES TO AMINES

(51) International classification :C07B43/04,C07C209/34,C07C209/36

(31) Priority Document No :MI2012A001489 (32) Priority Date :06/09/2012

(33) Name of priority country :Italy

(86) International :PCT/EP2013/068371

Application No Filing Date :05/09/2013

(87) International Publication No :WO 2014/037444

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

NA

:NA

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

(71)Name of Applicant:

1)UNIVERSITA' DEGLI STUDI DI MILANO

Address of Applicant: Via Festa del Perdono, 7, 1-20122

Milano Italy

(72)Name of Inventor:1)BENAGLIA ,Maurizio2)BONSIGNORE, Martina

#### (57) Abstract:

Disclosed is a novel process for the reduction of nitro groups to amino derivatives, based on the use of trichlorosilane and an organic base, which is efficient from the chemical standpoint and of wide general applicability.

No. of Pages: 9 No. of Claims: 13

(21) Application No.2568/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CLUTCH 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>	:14/10/2013 :WO 2014/071933 :NA :NA	(71)Name of Applicant:  1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant :Industriestrae 1- 3, 91074  Herzogenaurach Germany (72)Name of Inventor:  1)LORAN, Igor; 2)RABER, Christoph; 3)WITTMANN,Christoph;
- 13.5555 - 5		

#### (57) Abstract:

The present invention relates to a clutch device having a counterpressure plate and a pressure plate , which pressure plate can be displaced to a limited extent in an axial direction of said clutch device by at least one lever element , for clamping a clutch disc between said counterpressure plate and said pressure plate in a frictionally locked manner, the counterpressure plate having at least one lug section which extends in an axial direction and with which a cover component is connected.

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

(21) Application No.2569/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/03/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: MOUNTABLE CABLE TIE WITH FINE ADJUSTMENT AND METHOD OF USE THEREOF

(51) International classification: B65D63/10,B65D63/16,F16L3/22 (71) Name of Applicant: 1)OWEN, Thomas Dale (31) Priority Document No :13/628470 (32) Priority Date :27/09/2012 Address of Applicant :5897 Allee Way, Braselton, Georgia (33) Name of priority country :U.S.A. 30517 U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/059230 No 1)OWEN, Thomas Dale :11/09/2013 Filing Date (87) International Publication :WO 2014/052011 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

A mountable cable tie with fine adjustment with an elongated strap having a first strap end and a second strap end, the elongated strap having one or more rows of teeth or cross- bars formed crosswise on the elongated strap and a plurality of holes positioned linear along the median between the one or more rows of teeth, at least one locking buckle positioned proximate the second strap end, the at least one locking buckle having at least one channel and at least one locking tang or pawl positioned within the locking buckle, wherein increased insertion of the first strap end into the locking head decreases the size of the loop of the elongated strap to secure the bundle.

No. of Pages: 45 No. of Claims: 28

(21) Application No.2505/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: MOTOR VEHICLE DOOR

(51) International :E05B81/90,E05B81/16,E05B81/06

classification

(31) Priority Document No :10 2012 008 326.0 (32) Priority Date :28/08/2012

(33) Name of priority country: Germany

(86) International Application :PCT/DE2013/000478

:17/08/2013

Filing Date

(87) International Publication

:WO 2014/032641

(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)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant: Hseler Platz 2, 42579 Heiligenhaus

Germany

(72) Name of Inventor:

1)MITTELBACH, Stephan;

## (57) Abstract:

The invention relates to a motor vehicle door comprising a motor vehicle door lock (2), also a manipulation element (5) which is accessible from the outer side of the door and which can be impinged upon, in addition to a security unit (8, 10, 11) in the motor vehicle door lock (2) and driven by a motor (10) by means of one or more output elements (11). Said security unit (8, 10, 11) can be controlled by a motor or manually by means of the manipulation element (5) so that it is placed in a locked unlocked position. Said manipulation element (5) is connected to at least one output element (11) of the motor (10).

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

(21) Application No.2506/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: MOTOR VEHICLE DOOR LOCK AND METHOD FOR SELECTIVELY OPERATING A MOTOR VEHICLE DOOR LOCK WITH OR WITHOUT A SECURITY DEVICE

(51) International

:E05B63/00,E05B85/02,E05B77/28

classification

:10 2012 017 286.9

(31) Priority Document No (32) Priority Date

:31/08/2012

(33) Name of priority country: Germany

No

(86) International Application :PCT/DE2013/000476

Filing Date

:20/08/2013

(87) International Publication :WO 2014/032640

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

:NA :NA

Filing Date (62) Divisional to Application

:NA

Number Filing Date

:NA

(57) Abstract:

(71)Name of Applicant:

1)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant : Hseler Platz 2, 42579 Heiligenhaus

Germany

(72) Name of Inventor:

1)MITTELBACH, Stephan;

The invention relates to a motor vehicle door lock which is equipped with a locking mechanism (1 2) consisting of essentially a rotary latch (1) and a pawl (2), in addition to an actuating lever chain (4) and a locking unit (5 6). Said motor vehicle door lock also comprises a security device (8, 9, 10) which can optionally set the actuating lever chain (4) and/or the locking unit (5, 6) in a nonfunctioning state/functioning state. According to the invention, said security device (8, 9, 10) is designed as a retrofitted module (8, 9, 10) which can be connected according to requirements to a base module (1-6 and 11), said module surrounding the largest part of the locking mechanism (1, 2) the actuating lever chain (4) and the locking unit (5, 6).

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

(21) Application No.2507/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : DISPLAY CONTROL METHOD, COMPUTER PROGRAM, DISPLAY CONTROL DEVICE AND IMAGE DISPLAY SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> </ul>	:G06F3/048 :2012187825 :28/08/2012 :Japan :PCT/JP2013/063144 :10/05/2013 :WO 2014/034189 :NA :NA	(71)Name of Applicant: 1)EIZO CORPORATION Address of Applicant:153 Shimokashiwano -machi, Hakusanshi, Ishikawa 9248566 Japan (72)Name of Inventor: 1)KONO takahiro 2)OHOTO, Yoichi 3)KITA, Masaki
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

To provide a display control method, computer program, display control device and image display system capable of improving operability for a user when a plurality of screens are displayed on one display device. [Solution] A work area generation unit (13) generates a plurality of areas corresponding to a plurality of display areas to be displayed upon a display screen (54) and assigns the first mentioned plurality of areas to within one work area. A pointer position monitoring unit (15), if only a display area A (parent screen) is displayed on the display screen (54) (if PinP functioning is off), assesses whether or not a pointer position has moved from area a to area b, and outputs the assessment result to a simultaneous display instruction generation unit (17). The simultaneous display instruction generation unit (17), when the pointer position monitoring unit (15) assesses that the pointer position has moved from the area a to the area b, outputs a PinP -function -ON instruction to a display device (50).

No. of Pages: 41 No. of Claims: 11

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: STACKABLE WORKSPACES ON AN ELECTRONIC DEVICE

(51) International classification :G06F3/01,G06F3/14,G06F3/048 (71) Name of Applicant:

(31) Priority Document No :61/698515 (32) Priority Date :07/09/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/049236

:03/07/2013 Filing Date

(87) International Publication No:WO 2014/039157

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)GOOGLE INC.

Address of Applicant: 1600 Amphitheatre Parkway, Mountain

View, CA 94043 U.S.A. (72) Name of Inventor:

1) JITKOFF, John , Nicholas

2) KUSCHER, Alexander, Friedrich

3) VIOLET, Scott, Ronald

4) MURPHY, Glen

#### (57) Abstract:

Systems and methods for providing stackable workspaces on an electronic device are provided. A system includes a navigation module configured to display a first workspace of workspaces stacked along a stacking axis, and to display a navigation menu when the first workspace is displayed. The navigation menu comprises access points, each of which is associated with an application. The system includes a workspace module configured to open at least one of the applications in a second workspace stacked on the first workspace. The system includes a detection module configured to detect a second workspace scrolling command. The navigation module is configured to display the second workspace in response to the second workspace scrolling command. Displaying the second workspace comprises traversing the stack from the first workspace to the second workspace along the stacking axis. The navigation module is configured to display the navigation menu when the second workspace is displayed.

No. of Pages: 41 No. of Claims: 20

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : HIGHLY SELECTIVE ALKYLATION PROCESS WITH LOW ZEOLITE CATALYST COMPOSITION

classification :CU/C2/00,CU/C15/085,CU/C15/0/3 1)UOP LLC	(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:13/661200 :26/10/2012 :U.S.A. :PCT/US2013/064495 :11/10/2013 :WO 2014/066066 :NA :NA	Address of Applicant :25 East Algonquin Road, P. O. B 5017, Des Plaines, Illinois 60017 5017 U.S.A. (72)Name of Inventor:  1)JAN, Deng-Yang; 2)SCHMIDT, Robert, J.;
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#### (57) Abstract:

**Application Number** 

Filing Date

A method for alkylation of a feedstock is described. The method includes contacting the feedstock comprising at least one alkylatable aromatic compound and an alkylating agent with a first alkylating catalyst composition under alkylating conditions the first alkylating catalyst composition comprising UZM -8 zeolite and a binder , the first alkylating catalyst composition having less than 50 wt% UZM-8 zeolite; wherein a total alkylated selectivity at a temperature and a molar ratio of alkylatable aromatic compound to alkylating agent is greater than 99.0%.

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

:NA

(21) Application No.2494/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: A FOOD PREPARATION SYSTEM

(51) International classification	:A47J31/44	(71)Name of Applicant:
(31) Priority Document No	:12189875.3	1)NESTEC S.A.
(32) Priority Date	:25/10/2012	Address of Applicant :Av. Nestl 55, CH- 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/071798	(72)Name of Inventor:
Filing Date	:17/10/2013	1)YOAKIM, Alfred
(87) International Publication No	:WO 2014/063998	2)TALON ,Christian
(61) Patent of Addition to Application	:NA	3)DENISART ,Jean -Luc
Number	:NA	4)NEUROHR, Damien
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention is directed to a food preparation machine (1) for preparing a food product by mixing a fluid with an ingredient, said machine comprising: i. a base (2) having a fluid reservoir (3) and a pump able to withdraw said fluid through fluid-conducting pipes, said base optionally comprising an element suitable for heating and/or chilling said fluid ii. a brewing unit (3) comprising connecting means (6, 7,8) for connecting fluidly to said fluid-conducting pipes of said base (2), and further comprising fluid injection means and at least two cavity parts (10, 11) able to assemble to create a closed cavity for enclosing said ingredient, such that said brewing unit (3) can inject fluid through said ingredient under pressure for mixing with said ingredient, characterized in that said brewing unit (3) is fully detachable from said base (2), and comprises locking means (22, 23, 24) suitable for preventing disassembly of the cavity parts (10, 11) when fluid pressure within said cavity and/or said ingredient exceeds atmospheric pressure.

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

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: INNER BASKET FOR A MULTI -PLATE CLUTCH

(51) International classification	:F16D13/68	(71)Name of Applicant:
(31) Priority Document No	:10 2012 223 255.9	1)SCHAEFFLER TECHNOLOGIES AG & CO. KG
(32) Priority Date	:14/12/2012	Address of Applicant :Industriestrae 1-3, 91074
(33) Name of priority country	:Germany	Herzogenaurach Germany
(86) International Application No	:PCT/DE2013/200346	(72)Name of Inventor:
Filing Date	:11/12/2013	1)GRUMER, Friederike;
(87) International Publication No	:WO 2014/090250	2)RABER, Christoph;
(61) Patent of Addition to Application	:NA	3)DECKER, Florian;
Number	:NA	4)VYGEN,Florian;
Filing Date	.IVA	5)RICHWIN,Stefan;
(62) Divisional to Application Number	:NA	6)CASTRO,Claudio, Fernandes;
Filing Date	:NA	7)WAIDELICH,Heike;

#### (57) Abstract:

Inner basket (1) for a multi-plate clutch, comprising a first receptacle (3) for frictional plates (4), a second receptacle (5) for a support disk (6), a third receptacle (7) for a shaft hub (8), and a bearing (9) for a diaphragm spring (10). Support disk (6) for a multi-plate clutch, comprising a plurality of spring elements (13) for biasing a diaphragm spring (10), at least one securing pin (14) for preventing the support disk (6) from coming off, and a supporting receptacle (15) for an engaging radial bearing (16). The proposed multi-plate clutch (2) comprising the inner basket (1) and the support ring (6) allows for the inexpensive production of an efficient multi-plate clutch which can be preferably used in a motorcycle.

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

(21) Application No.2575/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: ELECTRICAL GENERATOR HAVING MULTIPLE ELECTRICAL MACHINES

(51) International classification :H02K1/28,H02K1/14,H02K1/18 | (71) Name of Applicant:

(31) Priority Document No :FR 1259253 (32) Priority Date :01/10/2012

(33) Name of priority country :France

(86) International Application :PCT/FR2013/052120 No

:17/09/2013 Filing Date

(87) International Publication No:WO 2014/053723

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)DDIS

Address of Applicant: 1, Rue de L'Europe, F- 59410 Anzin

France

(72) Name of Inventor:

1) CANINI, Jean Marc;

#### (57) Abstract:

The invention relates to an electrical generator (10) enabling the conversion of mechanical energy into electrical energy. The invention is characterized in that the electrical generator comprises at least: one first electrical machine (100) having an axial flow, comprising a first rotor (102) rotatably mounted about a first axis and surrounding a first stator (104); a second electrical machine (200) having an axial flow, comprising a second rotor (202) coaxial to the first rotor and surrounding a second stator (204); and first azimuthal securing means (12) for securing the first and second rotors in such a way that the first and second rotors can be set simultaneously into rotation about the first axis.

No. of Pages: 30 No. of Claims: 12

(21) Application No.1074/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SELF GENERATING ELECTRICAL SYSTEM-MULTIPLE GENERATORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) 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>	:H02K47/14, H02K53/00 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)THIARA, HARDIAL SINGH  Address of Applicant: VPO BIRAMPUR, TEHSIL AND  DISTRICT GARHSHANKAR, HOSHIARPUR-144528,  PUNJAB Punjab India  (72)Name of Inventor:  1)THIARA, HARDIAL SINGH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention is Itself generator electric systemlt which produces renewable electricity with rotation of system at high velocity. It comprises of turbine generators which are embedded at the ground level. The entire assembly is made up of stainless steel. When generators are rotated with high velocity using manual force, it produces electricity which is stored in the batteries attached to the turbine generators. This stored electricity can be used further for any application. 14

No. of Pages: 30 No. of Claims: 12

(21) Application No.2517/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015

(43) Publication Date: 11/09/2015

(54) Title of the invention : CONFIGURATION BY A NETWORK NODE OF IN DEVICE COEXISTENT IDC CAPABLE USER EQUIPMENT FOR THE CONDITIONAL PERFORMANCE OF RADIO MEASUREMENTS ACCORDING TO THE RECEIVED IDC CONFIGURATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H04W24/10,H04W72/12 :61/708340 :01/10/2012 :U.S.A. :PCT/IB2013/058651 :19/09/2013 :WO 2014/053939 :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)BEHRAVAN, Ali 2)KAZMI, Muhammad
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Embodiments herein relate to a method in a user equipment (10) for performing a radio measurement in a communications network (1), which user equipment (10) is In Device Coexistent, IDC, capable and being served by a network node (12, 13) in the communications network (1). The user equipment (10) receives, from the network node (12, 13), an IDC configuration for at least one IDC scheme; and the user equipment (10) performs a radio measurement which meets one or more requirements related to the radio measurement provided the received IDC configuration meets a certain condition.

No. of Pages: 81 No. of Claims: 12

(21) Application No.2518/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: METHOD FOR PRODUCING A ONE -PIECE LOCK STRIKER

(51) International

:E05B85/04,E05B15/02,B21K13/00

classification

(31) Priority Document No :10 2012 017 841.7

(32) Priority Date

:08/09/2012

(33) Name of priority country: Germany (86) International Application :PCT/DE2013/000514

:05/09/2013

Filing Date

(87) International Publication :WO 2014/036990

(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)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant: Hseler Platz 2, 42579 Heiligenhaus

Germany

(72) Name of Inventor:

1)WALDMANN, Thomas;

2)NIEDDU, Frank;

(57) Abstract:

The invention relates to a method for producing a one-piece lock striker and to a lock striker produced according to said method. The lock striker (1) comprises a base plate (1) and a lock bracket (3). A metal starter blank (11) is formed into a lock striker by cold forming, in particular by cold upsetting. The starter blank (11) is substantially block-shaped or cylindrical and is formed in such a way that the lock striker (1) becomes strain -hardened.

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

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: POWER CONTROL SYSTEM AND SOLAR POWER GENERATION 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>	:H02J7/35,H01M10/44 :2012220458 :02/10/2012 :Japan :PCT/JP2013/005620 :24/09/2013 :WO 2014/054243 :NA :NA	(71)Name of Applicant:  1)PANASONIC INTELLECTUAL PROPERTY  MANAGEMENT CO., LTD.  Address of Applicant: 1- 61, Shiromi 2 -chome, Chuo- ku,  Osaka- shi, Osaka 5406207 Japan  (72)Name of Inventor:  1)OGAWA, Yuuki  2)KIDERA, Kazunori
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A solar power generation system includes a solar power generation module (4) a power conversion device for solar power generation (3) which converts DC power generated by the solar power generation module (4) to AC power, a storage battery unit (2), and a charging and discharging control device (1) which takes the AC power converted by the power conversion device for solar power generation (3) from a self- supporting terminal (3a) and charges the storage battery unit (2) with the AC power. A control unit (16) detects input power which is taken from the self- supporting terminal (3a) and is input to the charging control device (1); acquires power generated by the solar power generation module; and reduces the input power input to the charging control device (1) when the difference between the acquired generated power and the detected input power is equal to or less than a prescribed value.

No. of Pages: 21 No. of Claims: 4

(21) Application No.2586/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: EXHAUST MANIFOLD MOUNTING STRUCTURE FOR INTERNAL COMBUSTION ENGINE

(51) International :F01N13/18,F01N13/10,F02F11/00

:WO 2014/060834

classification

(31) Priority Document No :2012228143 (32) Priority Date :15/10/2012 (33) Name of priority country: Japan

(86) International Application :PCT/IB2013/002337

:11/10/2013 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)TOYOTA JIDOSHA KABUSHIKI KAISHA

Address of Applicant: 1, Toyota -cho, Toyota -shi, Aichi -ken,

471-8571 Japan

(72)Name of Inventor:

1)MURAKAMI, Hiroki

## (57) Abstract:

A cross recess (14) is provided at a fastening seat portion (11a) of a cylinder head (1) in which exhaust port outlets (4a, 4b, 4c, 4d) are arranged in two rows and two in each row. A cross protrusion (62) that is fittable to the cross recess (14) is provided at a flange (6) of an exhaust manifold (5). A gasket (7) has a cross opening (74) through which the cross protrusion (62) is insertable. The exhaust manifold (5) is fastened to the cylinder head (1) by passing the cross protrusion (62) of the flange (6) of the exhaust manifold (5) through the cross opening (74) of the gasket (7) and then fitting the cross protrusion (62) to the cross recess (14) of the fastening seat portion (11a) of the cylinder head (1).

No. of Pages: 30 No. of Claims: 6

(21) Application No.1503/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PROTECTION DEVICE

(51) International classification	·H05K7/02	(71)Name of Applicant :
	:NA	` '
(31) Priority Document No		1)Manisha Mohan
(32) Priority Date	:NA	Address of Applicant :E1-40, Sector-14, Panjab University,
(33) Name of priority country	:NA	Chandigarh-160014, India Chandigarh India
(86) International Application No	:NA	2)Rimpi Tripathi
Filing Date	:NA	3)Niladri Basu Bal
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Manisha Mohan
Filing Date	:NA	2)Rimpi Tripathi
(62) Divisional to Application Number	:NA	3)Niladri Basu Bal
Filing Date	:NA	

#### (57) Abstract:

A wearable device for protection comprising one or more insulating layers, one or more conducting layers, a detector coupled to said one or more insulating layers and said one or more conducting layers configured to detect an attack of a sexual nature on the wearer and an electric shock circuit. A preferred embodiment of the present invention relates to safeguarding people from acts of molestation, sexual harassment and rape. It intends to use basic electronic circuits to disable the molester on the spot without damaging the wearer or the victim. It also intimates the police and parents about this offence. REFER TO FIGURE 2

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

(21) Application No.2515/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ELECTRICALLY CONDUCTIVE COATINGS CONTAINING GRAPHENIC CARBON 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 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>	:PCT/US2012/057811 :28/09/2012 :U.S.A. :PCT/US2013/062306 :27/09/2013 :WO 2014/070346 :NA :NA	(71)Name of Applicant:  1)PPG INDUSTRIES OHIO INC.  Address of Applicant: 3800 West 143rd Street, Cleveland, Ohio 44111 U.S.A.  (72)Name of Inventor:  1)ASAY, David B.;  2)VANIER, Noel R.;  3)HUNG,Cheng-Hung; 4)DECKER, Eldon L.;
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Coating compositions containing grapheme carbon particles are disclosed. The grapheme carbon particles may be thermally produced and dispersed in thermoset and/or thermoset polymeric film coatings. The cured coatings exhibit desirable properties such as increased electrical conductivity

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

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: METHOD FOR WIFI BEAMFORMING, FEEDBACK, AND SOUNDING (WIBEAM)

:H04B7/04,H04B7/06,H04L1/00 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/707452 (32) Priority Date :28/09/2012

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

(86) International Application No:PCT/US2013/062382

Filing Date :27/09/2013

(87) International Publication No: WO 2014/052879

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)NTERDIGITAL PATENT HOLDINGS INC.

Address of Applicant :200 Bellevue Parkway, Suite 300,

Wilmington , Delaware 19809 U.S.A.

(72)Name of Inventor:

1)XIA. Pengfei:

2)GHOSH, Monisha;

3)LOU, Hanging;

4)OLESEN, Robert L.;

5)OTERI,Oghenekome;

#### (57) Abstract:

Methods for WiFi beamforming feedback, and sounding (WiBEAM) are described. Codebook based beamforming feedback signaling and sounding mechanisms for use in wireless communications are disclosed. The methods described herein improve the feedback efficiency by using Givens rotation based decompositions and quantizing the resulting angles of the Givens rotation based decompositions using a range from a subset of [0, 2 $\pi$ ]. Feedback may also be divided into multiple components to improve feedback efficiency/accuracy. Time domain beamforming reports for taking advantage of channel reciprocity while still taking into account practical radio frequency (RF) channel impairments are also described. Beamforming feedback that prioritizes the feedback bits in accordance with the significance of the bits is also disclosed. A preamble structure to enable the use of smoothing methods for improved channel estimation, codebook designs that may be used for codebook based beamforming feedback, and multi-resolution explicit feedback are disclosed as well.

No. of Pages: 120 No. of Claims: 20

(21) Application No.2591/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: PORTABLE TOOL, PORTABLE EXPANDING APPARATUS, HYDRAULIC PISTON/CYLINDER ARRANGEMENT AND METHOD FOR OPERATING A PORTABLE TOOL

:B21D39/20,F15B15/06 (71)Name of Applicant : (51) International classification (31) Priority Document No :10 2012 109 255.9 (32) Priority Date :28/09/2012 (33) Name of priority country :Germany (86) International Application No :PCT/EP2013/070038 Filing Date :26/09/2013 :WO 2014/049035

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

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

1)GUSTAV KLAUKE GMBH

Address of Applicant: Auf dem Knapp 46, 42855 Remscheid

Germany

(72) Name of Inventor: 1)FRENKEN, Egbert

#### (57) Abstract:

The invention relates to a portable tool having a working head that is actuated by an electric motor and/or a hydraulic means and has a working part wherein the working part, is displaceable in a displacement direction and the working head is rotatable together with the working part in the circumferential direction with respect to the displacement direction. For an advantageous configuration, it is proposed that the working head is rotatable together with the working part hydraulically and/or by the action of the motor. Furthermore the invention relates to a portable expanding apparatus (1) for expanding pipe ends (37), having an expanding head (2) which has a plurality of segments (4), said segments (4) being arranged in a circular manner alongside one another transversely to an expanding direction and being displaceable radially with respect to the circular arrangement by means of an expanding mandrel (3) acting upon the segments (4). For an advantageous configuration it is proposed that the segments (4) are rotatable together with the expanding mandrel hydraulically and/or by way of a motor in the circumferential direction of the circular arrangement. Furthermore the invention relates to a hydraulic piston/cylinder arrangement. Moreover, the invention relates to a method for operating a portable tool and a motor -operated portable expanding apparatus.

No. of Pages: 46 No. of Claims: 20

(21) Application No.2510/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: MOTOR VEHICLE DOOR LOCK

(51) International classification (31) Priority Document No (32) Priority Date	:10 2012 017 677.5 :07/09/2012	(71)Name of Applicant:  1)KIEKERT AKTIENGESELLSCHAFT  Address of Applicant: Hseler Platz 2, 42579 Heiligenhaus
<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>	:Germany :PCT/DE2013/000515 :05/09/2013 :WO 2014/036991 :NA :NA :NA	Germany (72)Name of Inventor: 1)SCHOLZ, Michael; 2)HANDKE, Armin; 3)INAN, Omer; 4)MAZAL, Radek;

#### (57) Abstract:

The subject matter of the present invention is a motor vehicle door lock, the basic construction of which is equipped with a locking mechanism (1, 2) consisting essentially of a rotary latch (1) and a detent pawl (2), furthermore with a release element (3) for the locking mechanism (1, 2) and with a storage element (4). The storage element (4) ensures an unobstructed opening movement of the rotary latch (1) from a closed position into an open position. According to the invention for this purpose the storage element (4) holds the release element (3) during the opening movement of the rotary latch (1) in an ineffective position with respect to the locking mechanism (1, 2).

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

(21) Application No.2511/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: METHOD OF PRODUCING METAL COATED STEEL STRIP

:C23C2/04,C23C22/77 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)BLUESCOPE STEEL LIMITED :2012904547 (32) Priority Date Address of Applicant: Level 11, 120 Collins Street, Melbourne :18/10/2012 Victoria 3000 Australia (33) Name of priority country :Australia (86) International Application No :PCT/AU2013/001196 (72)Name of Inventor : Filing Date :17/10/2013 1) NEUFELD . Aaron Kiffer (87) International Publication No :WO 2014/059474 2)SMITH ,Ross McDowall (61) Patent of Addition to Application 3)LIU,Qiyang :NA Number 4)TAPSELL, Geoff :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A method of forming a coating of a metal alloy on a steel strip to form a metal alloy coated steel strip is disclosed. The method includes a hot dip coating step of dipping steel strip into a bath of molten metal alloy and forming a metal alloy coating on exposed surfaces of the steel strip. A native oxide layer as defined herein forming on the metal alloy coating of the metal alloy coated strip emerging from the metal coating bath. The method includes controlling the method downstream of the hot dip coating step and/or selecting the metal coating composition to maintain the native oxide layer at least substantially intact on the metal alloy coating during the downstream steps.

No. of Pages: 25 No. of Claims: 22

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD FOR OPERATING A WIND TURBINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:F03D7/02,F03D7/04 :10 2012 218 484.8 :10/10/2012 :Germany :PCT/EP2013/070030 :26/09/2013 :WO 2014/056725 :NA :NA :NA	(71)Name of Applicant:  1)WOBBEN PROPERTIES GMBH  Address of Applicant: Dreekamp 5, 26605 Aurich Germany (72)Name of Inventor:  1)DE BOER, Wolfgang
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

The invention relates to a method for operating at least one first wind turbine (31) having the following steps: - detecting a tower vibration and - introducing a procedure for reducing the vibration if the detected tower vibration is or contains a longitudinal vibration (40) and if the amplitude of the longitudinal vibration (40) exceeds a specified threshold, wherein the procedure for reducing the vibration includes the following steps: - holding the current pitch angle at the current value for a specified holding time period, - changing the pitch control algorithm being used, in particular such that the control speed is reduced, adjusting the azimuth position by a specified azimuth angle, - switching the operation of the first wind turbine (31) from a first operating mode based on a first power characteristic to a second operating mode based on a second power characteristic, and/or - if the first wind turbine (31) is arranged behind a second wind turbine (32) in a wind park (34) with respect to the current wind direction matching the rotational speed of the first wind turbine (31) to the rotational speed of the second wind turbine (32) such that the rotational speed of the first wind turbine (31) deviates from the rotational speed of the second wind turbine (32) at least by a specified differential rotational speed.

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

(22) Date of filing of Application :27/03/2012

(43) Publication Date: 11/09/2015

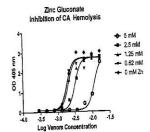
# (54) Title of the invention : ZINC-CONTAINING COMPOSITIONS FOR THE TREATMENT OF DISEASES, ILLNESSES AND SYNDROMES ASSOCIATED WITH EXPOSURE TO PORE FORMING TOXINS

<ul> <li>(51) International classification</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>	:A61K 31/315 :61/245,238 :23/09/2009 :U.S.A. :PCT/US2010/050061 :23/09/2010	(71)Name of Applicant: 1)UNIVERSITY OF HAWAII Address of Applicant: OFFICE OF TECHNOLOGY TRANSFER AND ECONOMIC DEVELOPMENT, 2800 WOODLAWN DRIVE, SUITE 280, HONOLULU, HAWAII 96822, U.S.A. U.S.A.
<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 2011/038157 :NA :NA :NA :NA	(72)Name of Inventor: 1)YANAGIHARA ANGEL ANNE

#### (57) Abstract:

Embodiments of the invention relate to compositions and methods of using the same to treat conditions caused by exposure to a pore-forming toxin.

Figure 5B



No. of Pages: 41 No. of Claims: 11

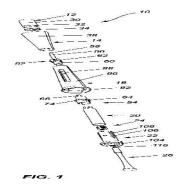
(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: 'INTER VIAL TRANSFER SYSTEM

(51) International classification	:A61J 1/20	(71)Name of Applicant:
(31) Priority Document No	:61/280,169	1)DUOJECT MEDICAL SYSTEMS INC.
(32) Priority Date	:30/10/2009	Address of Applicant :50, RUE DE GASPE, COMPLEX B-5,
(33) Name of priority country	:U.S.A.	BROMONT, QUEBEC J2L 2B8, CANADA Canada
(86) International Application No	:PCT/CA2010/0017606	(72)Name of Inventor:
Filing Date	:27/10/2010	1)REYNOLDS DAVID L.
(87) International Publication No	:WO 20110/50468	2)MACDONALD DANIEL
(61) Patent of Addition to Application	:NA	3)TREMBLAY YAN
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A transfer system suitable for medicaments comprising a vial socket (14), a housing (18) having first and second open ends with the first open end being releasably connected to the vial socket (14), a needle hub (16) mounted within the housing (18), a needle having first and second piercing ends (58, 70) mounted in the needle hub (16), a vial (12) having a neck (32) and a body (30), the vial (12) being inserted in the vial socket (14) and being non removably retained therein, a cartridge (20) having a plunger (24) sealing an open end thereof and a septum (82) located at an opposite end of the cartridge (20), and an activation cap (22) for causing the needle to penetrate a septum (34) of the vial (12) and the septum (82) of the cartridge (20) to permit transfer of components therebetween.



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

(21) Application No.10897/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: CEMENT TESTING

(51) International classification: G01N3/12,G01N3/10,G01N33/38
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(36) International Application
(37) Name of Applicant: 10200 Bellaire Boulevard Houston,
Texas 77072 U.S.A.
(72) Name of Inventor:
(72) Name of Inventor:

No Filing Date 1)MEADOWS David Leon 2)DARBE Robert Phillip

(87) International Publication :WO 2014/007878 3)JIMENEZ Walmy Cuello

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

(57) Abstract:

The invention provides methods for testing a sample of fluid mixture like cement that hardens into a solid by measuring both axial shrinkage/expansion and radial shrinkage/expansion of a sample.

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

(21) Application No.10899/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: INHIBITORS OF THE MIR-15 FAMILY OF MICRO-RNAS

(51) International classification :A61K48/00,C07H21/04,C12N15/11

(31) Priority Document No :61/662772 (32) Priority Date :21/06/2012 (33) Name of priority

country :U.S.A.

(86) International PCT/US2013/046960 Application No

Filing Date :21/06/2013

(87) International Publication :WO 2013/192486

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

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

(71)Name of Applicant:

1)MIRAGEN THERAPEUTICS INC

Address of Applicant :6200 Lookout Road Suite 100 Boulder

Colorado 80301 U.S.A. (72)Name of Inventor: 1)VAN ROOIJ Eva 2)DALBY Christina

3)SETO Anita

## (57) Abstract:

The invention provides chemically modified oligonucleotides capable of inhibiting the expression (e.g., abundance) of miR-15 family miRNAs, including miR-15a, miR-15b, miR-16, miR-195, miR-424, and miR-497. The invention provides in some embodiments, oligonucleotides capable of inhibiting, in a specific fashion, the expression or abundance of each of miR-15a, miR-15b, miR-16, miR-195, miR-424, and miR-497. The invention further provides pharmaceutical compositions comprising the oli gonucleotides, and methods of treating patients having conditions or dis orders relating to or involving a miR-15 family miRNA, such as a cardiovas cular condition. In various embodiments, the oligonucleotides provide ad vantages in one or more of potency, efficiency of delivery, target specificity, toxicity, and/or stability.

No. of Pages: 74 No. of Claims: 45

(21) Application No.2520/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CURRENT COLLECTOR FOR A RAIL-MOUNTED 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</li> <li>Filing Date</li> </ul>	:09/10/2013 :WO 2014/060249 :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 M <sup>1</sup> / <sub>4</sub> nchen Germany (72)Name of Inventor: 1)GLINKA, Martin;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

The invention relates to a current collector (4) for a rail- mounted vehicle comprising a collector arm (14) and an insulation system, which has insulating posts (10) for the electrically insulating fastening of the collector arm (14) on a vehicle roof element (2) via an electrically grounded roof surface (6). In order to achieve a flatter roof structure, the invention proposes that the insulation system comprises an electrically insulating layer (22, 26, 36, 42), which is arranged between the roof surface (6) and the collector arm (14) and is spaced apart from the roof surface (6) with air in the gap.

No. of Pages: 25 No. of Claims: 14

(21) Application No.2594/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: METHOD FOR MANUFACTURING TUBES AND TUBE LIKELY TO BE OBTAINED BY SUCH A **METHOD**

(51) International :B29C49/04,B29C49/22,B29C49/38 classification

(31) Priority Document No :1259047 (32) Priority Date :26/09/2012

(33) Name of priority country: France

(86) International Application :PCT/EP2013/069906

No :25/09/2013 Filing Date

(87) International Publication: WO 2014/048949

(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)ALBEA SERVICES

Address of Applicant: 1 avenue du Gnral De Gaulle, ZAC Des

Barbanniers- Le Signac, F- 92230 Gennevilliers France

(72) Name of Inventor:

1)JAMMET ,Jean -Claude

#### (57) Abstract:

The invention relates to a method for manufacturing tubes, including the following steps: enclosing a preform (14) in a mold (6) in order to form a blank (15) having a first end portion shaped like a first tube head, a tubular central portion, and a second end portion shaped like a second tube head, and coupling the central tubular section (22) into a first skirt and a second skirt in order to obtain two separate tubes, a first tube of which comprises the first tube head and the first skirt, and the second tube of which comprises the second tube head and the second skirt.

No. of Pages: 18 No. of Claims: 11

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS TO CLEAN GAS TURBINE FUEL CHAMBER COMPONENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:B62H :12/576,517 :09/10/2009 :U.S.A. :PCT/US2010/048622 :13/09/2010 : NA :NA :NA	(71)Name of Applicant:  1)General Electric Company Address of Applicant: 1 River Road Schenectady New York 12345 USA U.S.A. (72)Name of Inventor: 1)ESMACHER Mel Joseph 2)STANDARD James Lee 3)MCKEAN Roy Nelson 4)SPALDING Martin John 5)HENDRICKSON Eric Thomas
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method for conveying a chemical solution containing a phosphonic acid as an iron dissolving agent through the quaternary annulus chambers in forward combustion cans of a gas turbine to dissolve the iron oxide deposits and thereby facilitate cleaning of the internal fuel pathways. The method uses a cleaning flange attached to the quaternary fuel flange that has a flow directing baffle that enters the quaternary fuel orifice and directs the flow of cleaning solution in one direction in the quaternary annulus chamber.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : PRODUCTION OF CEMENT ADDITIVES FROM COMBUSTION PRODUCTS OF HYDROCARBON FUELS AND STRENGTH ENHANCING METAL OXIDES

<ul> <li>(51) International classification</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>		(71)Name of Applicant:  1)ASH IMPROVEMENT TECHNOLOGY INC.  Address of Applicant:5450 48th Street Maspeth New York 11378 United States of America U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:23/09/2010 : NA :NA :NA	(72)Name of Inventor : 1)FRIED Wayne
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention provides combustion products of hydrocarbon fuels and controlled amounts of metal oxide strength enhancing materials. The combustion products are useful as additives to cementitious materials. A hydrocarbon fuel such as coal is introduced into a combustion chamber (12) and selected amounts of materials comprising CaO SiO2 and Al2O3 are also introduced into and/or downstream from the chamber (12). The hydrocarbon fuel undergoes combustion while the metal oxide strength enhancing materials react with each other and/or the ash or other reaction products of the hydrocarbon fuel. The combustion products have been found to significantly increase compressive strengths of cements such as Portland cement. A reduction in SO2 emission levels also results from the introduction of the metal oxide strength enhancing materials into the combustion process.

No. of Pages: 31 No. of Claims: 42

(21) Application No.2490/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: BACKING NET STRUCTURE

(51) International :B01D46/00,B01D46/12,B01D46/52 classification

(31) Priority Document No :PCT/EP2012/067746

(32) Priority Date :12/09/2012

(33) Name of priority country: EPO

(86) International :PCT/EP2012/074546

Application No :05/12/2012

Filing Date

(87) International Publication :WO 2014/040658

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

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

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)CAMFIL AB

Address of Applicant : Sveavgen 56 E S- 111 34 Stockholm

Sweden

(72) Name of Inventor:

1)HEDLUND, Kenny

The present invention relates to a backing net (10) for a media pack (30). The backing net (10) comprises a plurality of longitudinal beams (11) and at least one vane (12) and the longitudinal beam (11) has first and second ends and is arranged to be mounted to the media pack (30) in the longitudinal direction. The vane (12) is attached to longitudinal beams and arranged to extend in the lateral direction of the media pack (30) and adapted to direct an air flow passing through the backing net (10) in a preferred direction. The invention further relates to a media pack with a backing net and a V-type filter having a plurality of media packs.

No. of Pages: 24 No. of Claims: 17

(21) Application No.2491/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: AROMATIC TRANSALKYLATION USING UZM -44 ALUMINOSILICATE ZEOLITE

(51) International classification :C07C6/12,C07C4/18,B01J29/70 (71)Name of Applicant : (31) Priority Document No 1)UOP LLC :61/736347 (32) Priority Date :12/12/2012 Address of Applicant: 25 East Algonquin Road, P.O. Box (33) Name of priority country 5017. Des Plaines, Illinois 60017-5017 U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/073462 1)NICHOLAS, Christopher P.; No :06/12/2013 Filing Date 2)BOLDINGH, Edwin P.; (87) International Publication No: WO 2014/093143 3)SCHREIER, Marc R.; (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract:

A new family of aluminosilicate zeolites designated UZM -44 has been synthesized. These zeolites are represented by the empirical formula. NanMmk+T,Ali\_xExSiyOz where M represents a metal or metals from zine, Group 1, Group 2, Group 3 and or the lanthanide series of the periodic table , m is the mole ratio of M to (Al + E), T is the organic structure directing agent or agents , and E is a framework element such as gallium. UZM -44 may be used to catalyze a process for the transalkylation of a feedstream comprising one or more of Ci, C9, Cio and C11+ aromatics to obtain a transalkylation product stream having an increased concentration of C8 aromatics relative to that of the feedstream.

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

(21) Application No.2560/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: TOPICAL HALOBACTRIA EXTRACT COMPOSITION FOR TREATING RADIATION SKIN TISSUE DAMAGE

(51) International :A61K35/74,A61K8/99,A61Q17/04

classification

(31) Priority Document No :222127 (32) Priority Date :24/09/2012 (33) Name of priority country: Israel

(86) International Application :PCT/IL2013/050786

No :16/09/2013 Filing Date

(87) International Publication :WO 2014/045280

(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)DR. NONA INTERNATIONAL LTD.

Address of Applicant: 11 Levi Moshe Street, 75658 Rishon

Lezion Israel

(72) Name of Inventor: 1)KUCHINA, Nona

## (57) Abstract:

The present invention provides a composition for treating skin damage, comprising halobacteria extracts. The halobacteria extracts further comprising strong antioxidants with high redox potential when dissolved in oil and in water. The strong antioxidants inhibiting in a known oxidative mechanisms which are further correlated with skin damage, wherein the halobacteria extract is Archaebacteria DN-1 having a wide range impact on rehabilitation of the skin tissue after radiation. Furthermore, the composition is preferably adapted for topical delivery.

No. of Pages: 24 No. of Claims: 27

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : IP MULTICAST SERVICE LEAVE PROCESS FOR MPLS BASED VIRTUAL PRIVATE CLOUD NETWORKING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H04L12/18 :13/649057 :10/10/2012 :U.S.A. :PCT/IB2013/059101 :03/10/2013 :WO 2014/057403 :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)MISHRA, Ramesh; 2)GREEN, Howard; 3)BAUCKE, Stephan; 4)KEMPF, James; 5)TATIPAMULA, Mallik;
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A multicast cloud controller (MCC) in a cloud system implements a process to manage multicast traffic in a cloud network. The MCC is coupled to at least one viitualized server for hosting one or more virtual machines (VM), wherein the viitualized server comprises at least one virtual switch (VS) that supports multiprotocol label switching (MPLS) and the virtual switch is coupled to a top of rack switch (TORS) that supports MPLS. MPLS is utilized to support multicast data traffic in the cloud system such that the system and method reduces state and is scalable.

No. of Pages: 65 No. of Claims: 14

(21) Application No.2710/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ANALYTE TESTING METHOD AND DEVICE FOR DIABETES 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> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61B 5/00 :61/246,630 :29/09/2009 :U.S.A. :PCT/US2010/040425 :29/06/2010 :WO 2011/041007 :NA :NA :NA	(71)Name of Applicant:  1)LIFESCAN SCOTLAND LIMITED Address of Applicant:BEECHWOOD PARK NORTH, INVERNESS, IV2 3ED, UNITED KINGDOM U.K. (72)Name of Inventor: 1)IAN SHADFORTH 2)DAVID PRICE 3)GRETCHEN ANDERSON 4)LORRAINE COMSTOCK 5)MARY MCEVOY 6)GRAHAM DOUGLAS 7)ALEXANDER STRACHAN 8)ALISTAIR LONGMUIR 9)ROBERT CAVAYE 10)GILLIAN TEFT
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## (57) Abstract:

Various embodiments are described and illustrated to calculate an insulin bolus, recommend such bolus, and provide reminder messages for performing an additional glucose test.

No. of Pages: 62 No. of Claims: 28

(22) Date of filing of Application :29/03/2012

(43) Publication Date: 11/09/2015

# (54) Title of the invention : USE OF ALPHA-METHYGLUCOSIDE (AMG) AS AN INDICATOR FOR GLUCOSE ABSORPTION AND EXCRETION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:61/242,570 :15/09/2009 :U.S.A. :PCT/US2010/048752 :14/09/2010 :WO 2011/034846 :NA :NA	(71)Name of Applicant:  1)JANSSEN PHARMACEUTICA, N.V. Address of Applicant: TURNHOUTSEWEG 30, B-2340 BEERSE, BELGIUM, Belgium (72)Name of Inventor: 1)KEITH T. DEMAREST 2)JAMES M. LENHARD 3)GREGORY C. LEO 4)YIN LIANG 5)TONYA L. MARTIN
Filing Date	:NA	

#### (57) Abstract:

Presented here are methods using alpha-methylglucoside (AMG) in vivo as an indicator for glucose absorption from the gastrointestinal (GI) system or glucose excretion in the urine after oral administration of AMG. The methods find use in, for example, but not limited to, determining the effect of a sodium-dependent glucose transporter (SGLT) inhibitor in an animal, comparing the differences in the effects of a first and second SGLT inhibitor in an animal, and diagnosing a disease associated with glucose absorption from the gastrointestinal (GI) system or glucose excretion from the kidney in an animal.

No. of Pages: 22 No. of Claims: 14

(21) Application No.2573/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: GALACTOSIDE INHIBITOR OF GALECTIN- 3 AND ITS USE FOR TREATING PULMONARY **FIBROSIS**

(51) International :A61K31/70,A61K9/00,A61M11/00

classification (31) Priority Document No :2794066

(32) Priority Date :31/10/2012 (33) Name of priority country: Canada

(86) International Application :PCT/EP2013/072691

No :30/10/2013 Filing Date

(87) International Publication: WO 2014/067986

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

(62) Divisional to Application :NA Number :NA

Filing Date

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1)GALECTO BIOTECH AB

Address of Applicant :Ole Ml es Vej 3, Cobis, DK -2200

Copenhagen Denmark

2)UNIVERSITY OF EDINBURGH

(72)Name of Inventor: 1)NILSSON, Ulf; 2) LEFFLER, Hakon; 3)HENDERSON, Neil; 4)SETHI, Tariq;

5)MACKINNON, Alison;

### (57) Abstract:

The present invention relates to a compound of the general formula (I) for pulmonary administration. The compound of formula (I) is suitable for treating pulmonary fibrosis, such as Idiopathic pulmonary fibrosis in a mammal. Furthermore the present invention concerns a method for treatment of pulmonary fibrosis, such as Idiopathic pulmonary fibrosis in a human subject.

No. of Pages: 42 No. of Claims: 22

(21) Application No.2643/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date: 11/09/2015

# $(54) \ Title \ of the invention: METHOD FOR PRODUCING 2, -DIFLUOROETHYLAMINE BY HYDROGENATING 1, 1-DIFLUORO-2-NITROETHANE$

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C07C 209/34 :09172271.0 :06/10/2009 :EUROPEAN UNION :PCT/EP2010/064700 :04/10/2010 :WO 2011/042376 :NA :NA	(71)Name of Applicant:  1)BAYER CROPSCIENCE AG Address of Applicant: ALFRED-NOBEL-STRASSE 50, 40789 MONHEIM, GERMANY Germany (72)Name of Inventor: 1)STEFAN ANTONS 2)NORBERT LUI 3)ARNE GERLACH
Filing Date	:NA	

(57) Abstract:

Process for preparing 2,2-difluoroethylamine, characterized in that l,l-difluoro-2-nitroethane is subjected to a catalytic hydrogenation.

No. of Pages: 10 No. of Claims: 5

(22) Date of filing of Application :27/03/2012

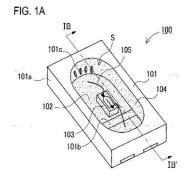
(43) Publication Date: 11/09/2015

# (54) Title of the invention : LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING THE LIGHT EMITTING 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>	:28/10/2010 :WO 2011/052672 :NA :NA	(71)Name of Applicant:  1)NICHIA CORPORATION Address of Applicant: 491-100, OKA, KAMINAKA-CHO, ANAN-SHI, TOKUSHIMA 774-8601, JAPAN Japan (72)Name of Inventor: 1)SHINJI NISHIJIMA 2)TOMOHIDE MIKI 3)HIROTO TAMAKI
Filing Date	:NA :NA	

### (57) Abstract:

A light emitting device includes a base body forming a recess defined by a bottom surface and a side wall thereof, a conductive member whose upper surface being exposed in the recess and whose lower surface forming an outer surface, a protruding portion disposed in the recess, a light emitting element mounted in the recess and electrically connected to the conductive member, and a sealing member disposed in the recess to cover the light emitting element. The base body has a bottom portion and a side wall portion integrally formed of a resin, an inner surface of the side wall portion is the side wall defining the recess and has a curved portion, and the protruding portion is disposed in close vicinity to the curved surface. With this arrangement, a thin and small-sized light emitting device excellent in light extraction efficiency and reliability can be obtained.



No. of Pages: 46 No. of Claims: 18

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: STABILIZED LIQUID AND LYOPHILIZED ADAMTS13 FORMULATIONS

(51) International classification	:A61K 9/00	(71)Name of Applicant:
(31) Priority Document No	:61/244,353	1)BAXTER INTERNATIONAL INC.
(32) Priority Date	:21/09/2009	Address of Applicant :ONE BAXTER PARKWAY,
(33) Name of priority country	:U.S.A.	DEERFIELD, ILLINOIS 60015, UNITED STATES OF
(86) International Application No	:PCT/US2010/049723	AMERICA U.S.A.
Filing Date	:21/09/2010	2)BAXTER HEALTHCARE S.A.
(87) International Publication No	:WO 2011/035335	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)H. PETER MATTHIESSEN
Number	:NA	2)PETER L. TURECEK
Filing Date	.1171	3)HANS-PETER SCHWARZ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention relates to formulations of ADAMTS13 with enhanced or desirable properties. As such, the invention provides liquid and lyophilized formulations of ADAMTS13 that are suitable for pharmaceutical administration. Among other aspects, the present invention also provides methods of treating various diseases and conditions related to VWF and/or ADAMTS13 dysfunction in a subject. Also provided herein are kits comprising ADAMTS13 formulations useful for the treatment of various diseases and conditions.

No. of Pages: 147 No. of Claims: 54

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ADHESIVE COMPOSITION AND ADHESIVE SHEET

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C09J 133/14 :2009-224039 :29/09/2009 :Japan :PCT/JP2010/066875 :29/09/2010 :WO 2011/040422 :NA :NA	(71)Name of Applicant:  1)LINTEC CORPORATION  Address of Applicant:23-23, HONCHO, ITABASHI-KU, TOKYO 173-0001 JAPAN Japan (72)Name of Inventor:  1)NASU, KENJI 2)HONGO, YUKI
(61) Patent of Addition to Application	:NA	2)HONGO, YUKI
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

An adhesive composition of the present invention is characterized by including: an acrylic copolymer (A) containing 30 to 77% by weight of a structural unit (al) derived from an alkyl acrylate monomer in which an alkyl group has 5 to 20 carbon atoms; 20 to 60% by weight of a structural unit (a2) derived from an alicyclic group-containing (meth)acrylate monomer; 0.01 to 5% by weight of a structural unit (a3) derived from a tertiary amino group-containing monomer that is derived from (meth)acrylic acid; and 0.1 to 10% by weight of a structural unit (a4) derived from a monomer containing a functional group excluding tertiary amino groups, and a crosslinking agent (B), According to the present invention, it is possible to provide an adhesive composition capable of allowing the crosslinking reaction with a crosslinking agent to proceed smoothly and also shortening the period for stabilizing the adhesive composition without the use of heavy metals whose adverse impacts on the environment are concerned, while achieving a sufficient level of adhesion strength to an adherend regardless of the degree of the surface polarity thereof.

No. of Pages: 61 No. of Claims: 10

(22) Date of filing of Application :28/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : CONTROL UNIT FOR SYSTEMS USED TO SUPERVISE AND MONITOR THE ELECTRIC POWER SUPPLY

(71)Name of Applicant: (51) International classification :H02B1/00 (31) Priority Document No :MX/a/2012/010805 1)GRUPO TECNOLOG • AS EOS S.A DE C.V. (32) Priority Date :19/09/2012 Address of Applicant: Prol. Paseo de la Reforma No. 625, Piso (33) Name of priority country 2 Despacho 208, Col. Paseo de las Lomas, C.P. 01330, Distrito :Mexico (86) International Application No :PCT/MX2013/000086 Federal Mexico (72) Name of Inventor: Filing Date :11/07/2013 (87) International Publication No :WO 2014/046531 1) CASTRO INCL • N , Bernardo (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

## (57) Abstract:

The invention relates to a control unit for systems used to supervise and monitor the electric power supply, comprising: a matrix arrangement of high- power base connections located inside a sealed safety cabinet, modular meters assigned to a pre- determined user and inserted into the base connections, automatically assigning an identification code to the user, and all of the remote components used by same to complement and optimise the use of the electric power supply. The modular meters include from local- and regional - to national- range communication systems, allowing the measurement and control of the supply, including connection and disconnection using a bistable relay controlled by the digital control unit of the modular meter. The modular meters also include multiple optical ports allowing communication with a central control unit.

No. of Pages: 41 No. of Claims: 5

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: NOVEL METHOD FOR PRODUCING DIFFERENTIATED CELLS

(51) International classification	:C12N 5/0789	(71)Name of Applicant:
(31) Priority Document No	:2009-213645	1)THE UNIVERSITY OF TOKYO
(32) Priority Date	:15/09/2009	Address of Applicant :3-1, HONGO 7-CHOME, BUNKYO-
(33) Name of priority country	:Japan	KU, TOKYO 113-8654, JAPAN Japan
(86) International Application No	:PCT/JP22010/065903	(72)Name of Inventor:
Filing Date	:15/09/2010	1)KOJI ETO
(87) International Publication No	:WO 20110/034073	2)NAOYA TAKAYAMA
(61) Patent of Addition to Application	:NA	3)SOU NAKAMURA
Number	:NA	4)HIROMITSU NAKAUCHI
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention has an object of providing a method for producing specific cells by amplifying cells in a desired differentiation stage. The present invention provides a method for producing specific cells by inducing differentiation of cells, wherein an oncogene is forcibly expressed in cells in a desired differentiation stage to amplify the cells in the desired differentiation stage. The present invention also provides a method for producing specific cells, wherein oncogene-induced senescence (OIS) which is induced by the oncogene expressed in the cells in the desired differentiation stage is suppressed.

No. of Pages: 87 No. of Claims: 30

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ROTATION ANGLE DETECTING 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>	:G01D 5/14 :2009-227390 :30/09/2009 :Japan :PCT/JP2010/066028 :16/09/2010 :WO 2011/040249 :NA :NA :NA	(71)Name of Applicant:  1)NIPPON SEIKI CO., LTD. Address of Applicant:2-34, HIGASHI-ZAOH 2-CHOME, NAGAOKA-SHI, NIIGATA 940-8580, JAPAN Japan (72)Name of Inventor: 1)MASARU IWAHASHI
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### (57) Abstract:

There is provided a rotation angle detecting device wherein a filling member applied in a second accommodating portion which houses an electromagnetic conversion element is prevented from entering into a first accommodating portion which houses a magnet. The rotation angle detecting device (1) is provided with: a rotating member (2); the magnet (3), which is fixed to the rotating member (2) to rotate therewith; a magnetism detecting package (4) that houses an electromagnetic conversion element (4a), which is disposed to face the magnet (3), and detects the magnitude of the magnetic field of the magnet (3) when the magnet (3) rotates; a housing (5) having a first accommodating portion (5b) that rotatably houses the rotating member (2), a second accommodating portion (5d) that houses the magnetism detecting package (4) and a partition (5f) dividing them; a filling member (10), with which the second accommodating portion (5d) is filled such that the magnetism detection package (4) is hermetically held; and a cylindrical metal member (11), which is provided in the first accommodating portion (5b) to rotatably support the rotating member (2). A portion (11a) of the metal member (11) is exposed from the second accommodating portion (5d). At a portion of the housing (5) near the exposed portion (11a) of the metal member (11), a creeping distance extending section (11b) that suppresses entry of the filling member (10) between the metal member (11) and the housing (5) is provided.

No. of Pages: 17 No. of Claims: 5

(21) Application No.2719/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: COATING COMPOSITIONS AND METHODS FOR USING THE SAME AS A SPOT BLENDER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C08G 18/62 :12/605,664 :26/10/2009 :U.S.A. :PCT/US2010/054075 :26/10/2010 :WO 2011/053580 :NA :NA :NA	(71)Name of Applicant:  1)PPG INDUSTRIES OHIO, INC.  Address of Applicant:3800 WEST 143TSH STREET, CLEVERLAND, OH 44111, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:  1)BOWMAN, MARK, P.  2)SCHWARTZMILLER, DAVINA J. 3)THOMAS, STEPHEN, J.
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## (57) Abstract:

A composition that includes a polymeric polyol, a (meth)acrylate, a photoinitiator and solvent is disclosed.

No. of Pages: 27 No. of Claims: 22

(21) Application No.2577/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DRUG-PROTEIN 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</li> <li>Number</li> </ul>	:11/10/2013 :WO 2014/064424 :NA	(71)Name of Applicant:  1)POLYTHERICS LIMITED  Address of Applicant: The London Bioscience Innovation Centre, 2 Royal College Street, London NW1 0NH U.K. (72)Name of Inventor:  1)BURT, John; 2)GODWIN, Antony; 3)FRIGERIO, Mark; 4)BADESCU, George;
(61) Patent of Addition to Application		3)FRIGERIO, Mark;
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Specific conjugates containing maytansines and a binding protein or peptide, and processes for making them, are described. The conjugates use specific linker technology which gives advantages over known antibody-drug conjugates.

No. of Pages: 48 No. of Claims: 19

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR INTERACTING WITH CONTENT OF AN ELECTRONIC DEVICE

:G06F13/14,G06F13/38 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)GOOGLE INC. :13/607579 (32) Priority Date :07/09/2012 Address of Applicant: 1600 Amphitheatre Parkway, Irvine, (33) Name of priority country CA 94043 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/056496 (72) Name of Inventor: Filing Date :23/08/2013 1) KUSCHER, Alexander, Friedrich (87) International Publication No :WO 2014/039293 2) WUELLNER, Trond, Thomas (61) Patent of Addition to Application 3)STEFANOV, Hristo, Stefanov :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

A system and method for interacting with content of an electronic device are provided. A second electronic device is detected to be within proximity of a first electronic device. Communication with the second electronic device is established in response to the detected proximity. Data is received from the second electronic device. The received data is provided for display on a display screen of the first electronic device in response to receiving the data from the second electronic device. One or more input devices communicatively connected to the first electronic device are used to modify the data. The modified data is provided to the second electronic device.

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

(21) Application No.2650/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# $(54) \ Title \ of the \ invention: BIOCOMPATIABLE \ AND \ BIODEGRADABLE \ POLYMERS \ FORM \ RENEWABLE \ NATURAL \ POLYPHENOLS$

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C08F 271/00 :61/247,284 :30/09/2009 :U.S.A. :PCT/US2010/050831 :30/09/2010 :WO 2011/041487 :NA :NA	(71)Name of Applicant: 1)INNOVOTECH, LLC Address of Applicant:920 TECHNOLOGY BOULEVARD, SUITE D, BOZEMAN, MONTANA 59718, UNITED STATES. U.S.A. (72)Name of Inventor: 1)DASGUPTA, FALGUNI
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

This invention describes the use of resveratrol and curcumin, representatives of naturally occurring polyphenols, in their native form, after hydrogenation, and as their respective allyl derivatives, individually, in combination with themselves and other commercial monomers, to make representative varieties of polymers, e.g., polycarbonates (PC), polyurethanes (PU), co-polymers and biodegradable polymers.

No. of Pages: 49 No. of Claims: 10

(21) Application No.2651/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: GAS SPARGER FOR A FILTERING MEMBRANE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	·P( 1/11\C)/11111/11/13\U)/6	(71)Name of Applicant:  1)ZENON TECHNOLOGY PARTNERSHIP Address of Applicant: THE CORPORATION TRUST COMPANY, CORPORATION TRUST CENTRE 1209 ORANGE STREET, WILMINGTON, DELAWARE, 19801, U.S.A. U.S.A. (72)Name of Inventor: 1)CUMIN, JEFFREY RONALD 2)BEHMANN, HENRY 3)HONG, YOUNGSECK 4)BAYLY, REID 5)WAN, ZHAOYANG 6)BREITNER, JOSEPH
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#### (57) Abstract:

A gas sparger for a filtering membrane system produces an intermittent flow of bubbles even if provided with a relatively continuous gas flow. The sparger has a housing to collect a pocket of gas and a conduit to release some of the gas from the pocket when the pocket reaches a sufficient size. Optionally, a cover over an outlet from the conduit may break up or distribute the released gas. A large sparger for can comprise a plurality of smaller units or areas. The supply of gas to the sparger may vary in flow rate over larger periods of time in response to changes in conditions in the membrane system to change the time between consecutive bursts of bubbles. A gas supply pipe may have two or more outlets at different elevations in communication with each of two or more units or areas. The discharge of gas between two or more units or areas may be synchronized. One or more of a set of units or area may receive a supplied gas at a higher flow rate.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# $(54) \ Title \ of the \ invention: SILICA-COATED \ ALUMINA \ ACTIVATOR-SUPPORTS \ FOR \ METALLOCENE \ CATALYST \ COMPOSITIONS$

<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> <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>	:C08F 4/02 :12/565,257 :23/09/2009 :U.S.A. :PCT/US2010/049779 :22/09/2010 :WO 2011/037971 :NA :NA :NA	(71)Name of Applicant:  1)CHEVRON PHILLIPS CHEMICAL COMPANY LP Address of Applicant:10001 SIX PINES DRIVE, THE WOODLANDS, TEXAS 77380, U.S.A. U.S.A. (72)Name of Inventor: 1)MCDANIEL, MAX, P. 2)YANG, QING 3)MUNINGER, RANDALL, S 4)BENHAM, ELIZABETH, A. 5)COLLINS, KATHY, S.
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### (57) Abstract:

Silica-coated alumina activator-supports, and catalyst compositions containing these activator-supports, are disclosed. Methods also are provided for preparing silica-coated alumina activator-supports, for preparing catalyst compositions, and for using the catalyst compositions to polymerize olefins.

No. of Pages: 85 No. of Claims: 20

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD FOR PRODUCING SUBSTRATE FOR POWER MODULE WITH HEAT SINK, SUBSTRATE FOR POWER MODULE WITH HEAT SINK, AND POWER MODULE

(51) International classification :H01L 23/373 (31) Priority Document No :2009-208438 (32) Priority Date :09/09/2009 (33) Name of priority country :Japan (86) International Application No Filing Date :07/09/2010 (87) International Publication No :WO 2010/030754 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)MITSUBISHI MATERIALS CORPORATION Address of Applicant :3-2, OTEMACHI 1-CHOME,

CHIYODA-KU, TOKYO 1008117, JAPAN Japan

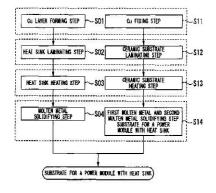
:PCT/JP2010/065316 (72)Name of Inventor :

1)TONOMURA, HIROSHI 2)NAGATOMO, YOSHIYUKI 3)KUROMITSU, YOSHIROU

### (57) Abstract:

A method for producing a substrate for a power module with a heat sink includes a heat sink bonding step for bonding a heat sink to the surface of a second metal plate. The heat sink bonding step includes: a Cu layer forming step for forming a Cu layer on at least one of the surface of the second metal plate and a bonding surface of the heat sink; a heat sink laminating step for laminating the second metal plate and the heat sink via the Cu layer; a heat sink heating step for pressing in the lamination direction and heating the second metal plate and the heat sink, to diffuse Cu in the Cu layer into the second metal plate and the heat sink; and a molten metal solidifying step for solidifying the molten metal formed with Cu diffusion, to bond the second metal plate and the heat sink.

FIG. 3



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

(21) Application No.2576/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: LAYERED DOUBLE HYDROXIDES

(51) International classification :A61K9/14,A61K9/16,A61K9/20 (71) Name of Applicant :

(31) Priority Document No :1217911.5 (32) Priority Date :05/10/2012

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

(86) International Application No

:PCT/GB2013/052554 :01/10/2013

Filing Date

(87) International Publication No:WO 2014/053822

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)OXFORD PHARMASCIENCE LIMITED

Address of Applicant: Centre for Innovtion and Enterprise, Oxford University, Begbroke Science Park, Begbroke Hill, stock

Road, Begbroke, Oxford Oxfordshire OX5 1PF U.K.

(72) Name of Inventor:

1)THOMPSON, Claire

2)BRAVO CORDERO ,Marcelo Leonardo

3)not applicable

## (57) Abstract:

The invention relates to layered double hydroxide (LDH) materials and in particular to new methods of preparing improved LDH materials which have intercalated active anionic compounds (improved LDH -active anion materials). The improved LDH- active anion materials are characterised by their high degree of robustness, demonstrated by their high Particle Robustness Factor values, and by their ability to retain substantially all of the intercalated active anionic compound, in the absence of ion exchange conditions and/or at pH > 4.

No. of Pages: 29 No. of Claims: 11

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : IMPLANT DEVICES DIFFER BY RELEASE PROFILE AND METHODS OF MAKING AND USING SAME

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:61/243,303 :17/09/2009 :U.S.A.	(71)Name of Applicant:  1)EVONIK DEGUSSA CORPORATION Address of Applicant:299 JEFFERSON ROAD, PARSIPPANY, NJ 07054, U.S.A. U.S.A. (72)Name of Inventor: 1)HUDSON BRUCE W. 2)MARKLAND PETER
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#### (57) Abstract:

Described herein are implant devices, kits comprising the implant devices, and methods of making and using the devices and kits. In one aspect, a plurality implant devices comprises at least two implants that exhibit a different release profile of a bioactive agent. In another aspect, an implant device comprises one or more adjoined polymer bodies, wherein at least two of the polymer bodies provide a different release profile of a bioactive agent. In another aspect, a kit comprises one or more disclosed implant devices. In another aspect, methods of delivering a bioactive agent to a subject comprise administering to the subject one or more disclosed implant devices.

No. of Pages: 33 No. of Claims: 29

(22) Date of filing of Application :27/03/2012

(43) Publication Date: 11/09/2015

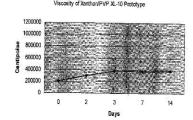
# (54) Title of the invention : DENTIFRICE COMPRSING STANNOUS FLUORIDE PLUS ZINC CITRATE AND LOW LEVELS OF WATER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <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>	:A61K 8/19 :NA :NA :NA :PCT/US2009/062452 :29/10/2009 :WO 2011/053291 :NA :NA	(71)Name of Applicant:  1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NY 10022, U.S.A. U.S.A. (72)Name of Inventor:  1)FRUGE LINH 2)FISHER STEVEN WADE 3)PRENCIPE MICHAEL
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(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A dentifrice composition having a low water phase comprising effective amounts of polyphosphate and ionic active ingredients.

### FIGURE T



No. of Pages: 43 No. of Claims: 39

(22) Date of filing of Application :27/03/2012

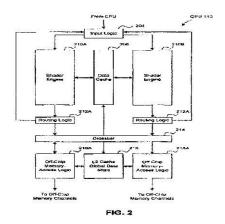
(43) Publication Date: 11/09/2015

## (54) Title of the invention: A PROCESSING UNIT WITH A PLURALITY OF SHADER ENGINES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:G06T 15/00 :61/239,718 :03/09/2009 :U.S.A. :PCT/US2010/047779 :03/09/2010 :WO 2011/028981 :NA :NA	(71)Name of Applicant:  1)ADVANCED MICRO DEVICES, INC. Address of Applicant: ONE AMD PLACE, SUNNYVALE, CA 94088, UNITED STATES OF AMERICA EUROPEAN UNION (72)Name of Inventor: 1)MANTOR, MICHAEL 2)TAYLOR, RALPH, C. 3)BRADY, JEFFREY, T.
Filing Date	:NA	

### (57) Abstract:

A processor includes a first shader engine and a second shader engine. The first shader engine is configured to process pixel shaders for a first subset of pixels to be displayed on a display device. The second shader engine is configured to process pixel shaders for a second subset of pixels to be displayed on the display device. Both the first and second shader engines are also configured to process general-compute shaders and non-pixel graphics shaders. The processor may also include a level-one (L1) data cache, coupled to and positioned between the first and second shader engines.



No. of Pages: 34 No. of Claims: 30

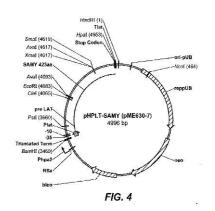
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHODS FOR REDUCING BLUE SACCHARIDE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C12N 9/28 :61/254,626 :23/10/2009 :U.S.A. :PCT/US2010/053196 :19/10/2010 :WO 2011/049945 :NA :NA :NA	(71)Name of Applicant:  1)DANISCO US INC. Address of Applicant:925 PAGE MILL ROAD, PALO ALTO, CA 94304, U.S.A. U.S.A. (72)Name of Inventor: 1)SHARMA VIVEK 2)SHETTY JAYARAMA 3)STROHM BRUCE
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### (57) Abstract:

The present disclosure relates to a Bacillus subtilis alpha-amylase (AmyE) or its variant thereof. AmyE or its variants thereof may be used to eliminate or reduce the iodine-positive starch presented in saccharide liquor. Also disclosed are a composition comprising an AmyE or variant thereof and a method utilizing an AmyE or variant thereof to eliminate or reduce the iodine-positive starch



No. of Pages: 148 No. of Claims: 26

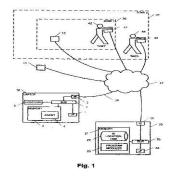
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ALERT FOR REAL-RISK OF THEFT OR LOSS

<ul> <li>(51) International classification</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>	:61/240,993 :09/09/2009 :U.S.A. :PCT/CA2010/001417	(71)Name of Applicant:  1)ABSOLUTE SOFTWARE CORPORATION Address of Applicant:SUITE 1600, FOUR BENTAILL CENTRE, 1055 DUNSMUIR STREET, P.O. BOX 49211, VANCOUVER, BRITISH COLUMBIA V7X 1K8, CANADA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:09/09/2010 :WO 2011/029195 :NA :NA :NA	Canada (72)Name of Inventor: 1)PARKER TIM 2)LOVELAND DAMIEN GERARD

## (57) Abstract:

Devices, methods, systems and a computer readable medium for the provision of alerts to electronic devices in response to real-time, location based analysis of the risk of theft or loss of such devices are provided. A continually updated database of locations of thefts, losses and/or stolen or lost electronic devices is accessed in order to provide the alerts to the electronic devices.



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

(21) Application No.2499/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD AND DEVICE FOR SELECTIVE DISPLAY REFRESH

:G09G5/393,G09G5/395 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ATI TECHNOLOGIES ULC :61/697261 (32) Priority Date Address of Applicant : One Commerce Valley Drive East, :05/09/2012 (33) Name of priority country Markham, Ontario L3T 7X6 Canada :U.S.A. (72) Name of Inventor: (86) International Application No :PCT/CA2013/050682 Filing Date :05/09/2013 1)ABARCA, Gabriel (87) International Publication No :WO 2014/036652 2) GLEN , David I.J. (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

A method of and device for providing image frames is provided. The method includes outputting portions of a first frame that have changed relative to the one or more other frames without outputting portions of the first frame that have not changed relative to the one or more other frames. Each of the portions are determined to be changed if a rendering engine has written to a frame buffer for a location within boundaries of the portion. This outputting is done in response to one or more portions of a first frame having changed relative to one or more other frames.

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

(21) Application No.2570/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: VIDEO COMPRESSION 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</li> </ul>	:H04N19/63 :61/710723 :07/10/2012 :U.S.A. :PCT/IB2013/059007 :30/09/2013 :WO 2014/053982 :NA	(71)Name of Applicant: 1)NUMERI LTD. Address of Applicant: 3A Keller St., 3448305 Haifa Israel (72)Name of Inventor: 1)BAR -ON ,Ilan 2)KOSTENKO ,Oleg
11	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A video codec comprising: an encoding unit configured to encode a video; a reconstructing unit configured to reconstruct the encoded video, the reconstructing unit creating a bit stream of decoding data; and a decoding unit configured to receive the bit stream of decoding data and decode the video therewith.

No. of Pages: 43 No. of Claims: 27

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD FOR OPERATING AN IGCC POWER PLANT PROCESS HAVING INTEGRATED CO2 SEPARATION

<ul> <li>(51) International classification</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>		(71)Name of Applicant:  1)THYSSENKRUPP UHDE GMBH Address of Applicant:FRIEDRICH-UHDE-STRASSE 15 44141 DORTMUND, GERMANY. Germany (72)Name of Inventor:  1)MENZEL JOHANNES
(86) International Application No Filing Date	:PCT/EP2010/0063670 :17/09/2010	(72)Name of Inventor: 1)MENZEL, JOHANNES
(87) International Publication No	:WO 2011/039059	THE VEEL, SOTIAL VIELS
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA	

### (57) Abstract:

The invention relates to a method for operating an IGCC power plant process having integrated C02 separation. A process gas containing H2 and C02 is separated into technically pure hydrogen and a fraction rich in C02 by means of pressure swing adsorption (PSA), wherein the fraction rich in C02 is released as PSA offgas by means of a pressure drop. The hydrogen that is generated is burned in at least one gas turbine utilized for generating electrical power, wherein the exhaust gas of the gas turbine is utilized for generating steam in a heat recovery boiler, said steam being expanded in a steam turbine process also utilized for generating electrical power. The PSA offgas is burned in a separate boiler using technically pure oxygen, wherein a smoke gas having a smoke gas temperature of greater than 1000°C is generated. The smoke gas is utilized for superheating the steam fed into the steam turbine process and/or for generating a more pressurized steam for the steam turbine process. A superheated high-pressure steam having a pressure of greater than 120 bar and a temperature of greater than 520°C is generated for the steam turbine process from the waste heat of the gas turbine and the waste heat of the smoke gas.

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

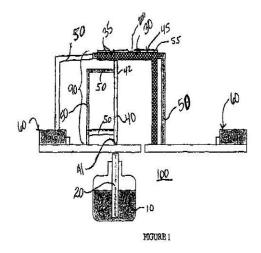
(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: AIR FRESHENING DEVICE

(51) International classification	:A61L 9/03	(71)Name of Applicant:
(31) Priority Document No	:61/251,189	1)PHILIP MORRIS PRODUCTS S.A.
(32) Priority Date	:13/10/2009	Address of Applicant :QUAI JEANRENAUD 3, CH-2000
(33) Name of priority country	:U.S.A.	NEUCHATEL (CH) China
(86) International Application No	:PCT/IB2010/002795	(72)Name of Inventor:
Filing Date	:13/10/2010	1)TUCKER, CHRISTOPHER, S.
(87) International Publication No	:WO 2011/045672	2)NICHOLS, WALTER, A.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An air freshening device (100) includes a liquid supply operable to supply liquid fragrance material (10), a wick (20) in contact with the liquid supply, a conductive mesh material (30) operable to retain the liquid material in interstices thereof, and a power supply (60) operable to apply voltage across the mesh material so as to heat the mesh material and the liquid fragrance material contained in interstices (35) of the mesh material to a temperature sufficient to vaporize the liquid. The air freshening device is operable to prevent deposition of the vaporized liquid material. A method for generation of vaporized material and a method for repeated pulsed generation of vaporized material is also disclosed.



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

(22) Date of filing of Application :29/03/2012

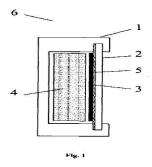
(43) Publication Date: 11/09/2015

# (54) Title of the invention : RIGID NEGATIVE COMPARTMENT FOR A METAL-AIR BATTERY AND METHOD OF MANUFACTURING SAID COMPARTMENT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H01M 12/08 :0956772 :30/09/2009 :France :PCT/FR2010/051984 :22/09/2010 :WO 2011/039449 :NA :NA :NA	(71)Name of Applicant:  1)ELECTRICITE DE FRANCE Address of Applicant: 22-30, AVENUE DE WAGRAM, F- 75008 PARIS, FRANCE France 2)SAFT 3)INSTTUT POLYTECHNIQUE DE BORDEAUX (72)Name of Inventor: 1)TOUSSAINT, GWENAELLE 2)STEVENS, PHILIPPE 3)CAILLON, GEORGES 4)VIAUD, PATRICK 5)CANTAU, CHRISTOPHE 6)VINATIER, PHILIPPE 7)NA 8)NA
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### (57) Abstract:

The present invention relates to a precursor of a negative electrode compartment for rechargeable metal-air batteries, comprising a rigid casing (1), at least one solid electrolyte membrane (2), a protective covering (5), completely covering the inside face of the solid electrolyte membrane (2), a metallic current collector (3) applied against the inside face of the protective covering (5), preferably also a block (4) of elastic material applied against the current collector and essentially filling the entire internal space defined by the walls of the rigid casing and the solid electrolyte (2), and a flexible electronic conductor (6) passing in a sealed manner through one of the walls of the rigid casing. The present invention also relates to a negative electrode compartment having a rigid casing obtained from said precursor and to a battery containing such a negative electrode compartment.



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

(21) Application No.2583/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD FOR MONITORING A PLURALITY OF ELECTRICAL ENERGY LINES IN A CABLE HARNESS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (371) Name of Applicant: (302) Priority Date (31) Priority Date (32) Priority Date (332) Name of priority country (34) International Application No Filing Date (35) International Application No Filing Date (36) International Publication No (372) Name of Applicant: (371) Name of Applicant: (372) Name of Inventor: (373) Name of Applicant: (373) Name of Applicant: (374) Name of Applicant: (375) Name of Inventor: (376) Name of Inventor: (377) Nam	95 Aurich Germany
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### (57) Abstract:

The invention relates to a method for monitoring a cable harness (2) comprising a plurality of electrical lines (4), wherein the cable harness (2) is provided for conducting electrical energy generated by a generator of a wind turbine (100), said method comprising the following steps: measuring the temperature of at least two of the electrical lines (4), comparing the temperatures with one another, and detecting whether two temperatures deviate from one another by more than a predetermined limit.

No. of Pages: 17 No. of Claims: 12

(21) Application No.2584/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ORAL CARE WHITENING 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</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> <li>Filing Date</li> </ul>	:A61K8/35,A61Q11/00,A61K8/22 :NA :NA :NA :PCT/US2012/066596 :27/11/2012 :WO 2014/084808 :NA :NA	(71)Name of Applicant:  1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue, New York, New York 10022 U.S.A.  (72)Name of Inventor: 1)CHEN, Xiang; 2)BOYD, Thomas, J.;
Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Described herein are oral care compositions comprising a whitening agent having the formula: R- O- O- R2; and an aliphatic ketone; wherein R1 and R 1are independently selected from hydrogen, C 1-C6 alkyl6 C2- C6 alkenyl, C2- C6 carbonyl, SO3 and phenyl; and methods of making and using the same.

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

(21) Application No.2659/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

(54) Title of the invention: REINFORCING MESH FOR A REINFORCED MORTAR LAYER OR SPRAYED MORTAR LAYER ON AN UNDERLAYMENT, AND METHOD FOR THE INSTALLATION THEREOF AND REINFORCED MORTAR COATING PRODUCED THEREWITH

:1335/09 :28/08/2009 :Switzerland	(71)Name of Applicant:  1)S&P CLEVER REINFORCEMENT COMPANY AG, Address of Applicant: SEEWERNSTRASSE 127, CH - 6423 SEEWEN, SWITZERLAND, Switzerland (72)Name of Inventor: 1)SCHERER, JOSEF
:NA :NA	
	:1335/09 :28/08/2009 :Switzerland :PCT/CH2010/000193 :05/08/2010 :WO 2011/022849 :NA :NA

### (57) Abstract:

The invention relates to reinforcing mesh (11) to be used for a reinforced mortar or sprayed mortar layer on an underlayment (9). The reinforcing mesh includes carbon fibers (3) extending only in a marked direction as a special feature and together with inexpensive stabilising fibers (4) made of glass or polyester which extend in one or more other directions, the reinforcing mesh forms a woven fabric, a scrim or a knitted fabric. The mesh size is at least 10 mm, wherein the carbon fibers (3) used each have a tensile modulus of elasticity of greater of 200 giga-Pascal. The reinforcing mesh is layed by means of the following method steps: a) Roughening the surface of the underlayment (9), b) Applying a leveling layer (10) of cementitious mortar to the roughed surface of the underlayment (9); c) Fastening the reinforcing mesh (11) by processing the reinforcing mesh into the wet, not yet set leveling layer (10); d) Applying a cover layer (12) of the identical cementitious mortar to the wet, not yet set, reinforced leveling layer (10).

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

(22) Date of filing of Application :29/03/2012

(43) Publication Date: 11/09/2015

# (54) Title of the invention : BUFFERING DEVICE FOR THE OPERATING MECHANISM OF A SWITCHGEAR, AND METHOD OF LUBRICATION THEREOF

(51) International classification	:F16F 9/18	(71)Name of Applicant :
(31) Priority Document No	:2009-234881	1)KABUSHIKI KAISHA TOSHIBA
(32) Priority Date	:09/10/2009	Address of Applicant :1-1, SHIBAURA 1-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO 105-8001, JAPAN Japan
(86) International Application No	:PCT/JP2010/006006	(72)Name of Inventor:
Filing Date	:07/10/2010	1)OHDA YOSHIAKI
(87) International Publication No	:WO 2011/043076	2)KOBAYASHI YOSHITAKA
(61) Patent of Addition to Application	:NA	3)SHIMIZU MASAHARU
Number	:NA	4)MARUSHIMA SATOSHI
Filing Date	.IVA	5)TAKAGI HIROKAZU
(62) Divisional to Application Number	:NA	6)INOUE TOORU
Filing Date	:NA	
(57) Abstract:		

#### (57) Abstract:

A piston rod (15) and a first piston (13) are arranged in the interior of an external cylinder (11) and internal cylinder (12); a second piston for absorbing the change of volume of operating fluid (24) is also arranged therein. Also, a first return spring (18) for returning the piston rod (15) to the interruption position is provided and a second return spring (20) for returning the operating fluid 24 into the high-pressure chamber (25) by pressurizing the second piston (14) is provided. In addition, the air in the interior of the buffering device (10) is withdrawn by a vacuum pump (38), and operating fluid (24) is thus introduced in a degassed condition.

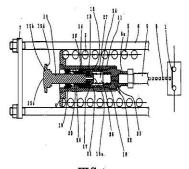


FIG.1

No. of Pages: 55 No. of Claims: 13

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: COMPOUNDS AS LYSOPHOSPHATIDIC ACID RECEPTOR ANTAGONISTS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Filing Date (64) Patent of Application Number Filing Date (65) Patent of Application Number Filing Date (66) Patent of Application Number Filing Date (67) Patent of Application Number Filing Date (68) Patent of Application Number Filing Date	(72)Name of Inventor: 1)SEIDERS THOMAS JON 2)ZHAO LUCY 3)ARRUDA JEANNIE M. 4)WANG ROWEI
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### (57) Abstract:

Described herein are compounds that are antagonists of lysophosphatidic receptor(s). Also described are pharmaceutical compositions and medicaments that include the compounds described herein, as well as methods of using such antagonists, alone and in combination with other compounds, for treating LPA-dependent or LPA-mediated conditions or diseases.

No. of Pages: 507 No. of Claims: 35

(21) Application No.2587/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CBN CUTTING TOOL

(51) International classification	:B23B27/20,B23B27/14	(71)Name of Applicant :
(31) Priority Document No	:2013100055	1)SUMITOMO ELECTRIC HARDMETAL CORP.
(32) Priority Date	:10/05/2013	Address of Applicant :1- 1, Koyakita 1- chome ,Itami -shi,
(33) Name of priority country	:Japan	Hyogo 664-0016 Japan
(86) International Application No	:PCT/JP2014/058263	(72)Name of Inventor:
Filing Date	:25/03/2014	1)HIRANO Tsutomu
(87) International Publication No	:WO 2014/181594	2)OKAMURA Katsumi
(61) Patent of Addition to Application	:NA	3)WATANOBE Naoki
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention addresses the problem of improving the lifespan of cBN cutting tools used in cutting heat resistant alloys. The cBN cutting tool is equipped with: tool edge tips formed of a cBN sintered compact that uses cBN particles of 0.5  $\mu$ m to 2  $\mu$ m mean particle diameter and has a thermal conductivity of 20- 70 W/m·K; and an alloy that holds said tool edge tips on the corners. The cutting edge provided on the tool edge tips of said tool is given a positive rake angle.

No. of Pages: 21 No. of Claims: 6

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

### (54) Title of the invention: DAMPING SYSTEM

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:E04B 1/98 :2009-230593 :02/10/2009 :Japan :PCT/DK2010/050250 :01/10/2010 :WO 2011/0/38742 :NA :NA	(71)Name of Applicant:  1)DAMPTECH A/S  Address of Applicant:BROVEJ, BYGN, 118, DK - 2800  KGS., LYNBY, DENMARK, Denmark  (72)Name of Inventor:  1)MUALLA, IMAD H.
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The dampers (1) has two sets of first elongate members (10), second elongate members (20) that are connected so that they can rotate and that connect the first elongate members (10) to one another, and damping members (30) which attenuate the relative movement between the first elongate members (20) and the second elongate members (20). The respective first joints (11) of each of the first members (10) are connected to the first connection members (200 a) and the second connection members (200 b) so that they can rotate. The first joint (11) of the first elongate member (10) in 1, the first joints (11) of the other first elongate members (10), and each of the second joints (201 a and 201 b) are located along the common aces (L). [Fig. 4]

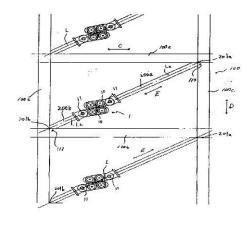


Fig. 4

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FATTY ACID NIACIN CONJUGATES AND THEIR USES

(51) International classification	:A01N 43/40	(71)Name of Applicant:
(31) Priority Document No	:61/238,903	1)CATABASIS PHARMACEUTICALS, INC.
(32) Priority Date	:01/09/2009	Address of Applicant :161 FIRST STREET, SUITE 1A,
(33) Name of priority country	:U.S.A.	CAMBRIDGE, MASSACHUSETTS 02142, UNITED STATES
(86) International Application No	:PCT/US2010/047262	OF AMERICA, U.S.A.
Filing Date	:31/08/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/028689	1)MILNE, JILL C.
(61) Patent of Addition to Application	:NA	2)JIROUSEK, MICHAEL R.
Number		3)BEMIS, JEAN E.
Filing Date	:NA	4)VU, CHI B.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention relates to fatty acid niacin conjugates; compositions comprising an effective amount of a fatty acid niacin conjugate; and methods for treating or preventing an metabolic disease comprising the administration of an effective amount of a fatty acid niacin conjugate.

No. of Pages: 64 No. of Claims: 35

(21) Application No.2737/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DUAL VARIABLE DOMAIN IMMUNOGLOBULINS AND USES THEREOF

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:A61K 51/00 :61/238,908 :01/09/2009 :U.S.A. :PCT/US2010/047543 :01/09/2010 :WO 2011/028811 :NA :NA	(71)Name of Applicant:  1)ABBOTT LABORATORIES  Address of Applicant:100 ABBOTT PARK ROAD, ABBOTT PARK, ILLINOIS 60064, U.S.A. U.S.A. (72)Name of Inventor:  1)GHAYUR TARIQ 2)LIU JUNJIAN 3)MANOJ SHARMILA 4)BROPHY SUSAN E.
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### (57) Abstract:

The present invention relates to engineered multivalent and multispecific Minding proteins, methods of making, and specifically to their uses in the prevention, diagnosis, and/or treatment of disease.

No. of Pages: 295 No. of Claims: 79

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

(54) Title of the invention: TRIP UNIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H01H 1/32 :0916862.6 :25/09/2009 :U.K. :PCT/EP2010/064169 :24/09/2010 :WO 2011/036261 :NA :NA :NA	(71)Name of Applicant:  1)EATON INDUSTRIES (NETHERLANDS) B.V. Address of Applicant: EUROPALAAN 202 NL-7559 SC HENGELO, NETHERLANDS Netherlands (72)Name of Inventor: 1)HEMMER, ALOYSIUS 2)NIEHOFF, RONALDUS 3)VAN VLIJMEN, STEFAN
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#### (57) Abstract:

The present trip unit is an earth leakage device for switching off a mechanism in the case of detecting an earth leakage current. The closed housing (2) is protecting the movable parts of the actuation unit inside the housing from iron particles and dust coming from the environment. The specific positioning of parts of the actuation unit prevents iron and dust particles from contaminating the contact surface (Y) between the coil core (3) and the stator parts (61) of the actuator. The coil core and/or stator parts of the actuation unit are manufactured of iron in contrast to prevalently used expensive Fe-Ni alloy material.

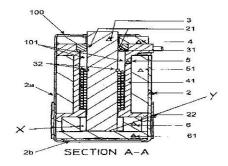


Fig. 2

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

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: 'MINIATURE CIRCUIT BREAKER

(51) International classification	:H01H 71/12	(71)Name of Applicant:
(31) Priority Document No	:0915379.2	1)EATON INDUSTRIES MANUFACTURING GMBH
(32) Priority Date	:03/09/2009	Address of Applicant :ROUTE DE LA LONGERALE 7 CH -
(33) Name of priority country	:U.K.	1110 MORGES, CHINA China
(86) International Application No	:PCT/GB2010/001669	(72)Name of Inventor:
Filing Date	:03/09/2010	1)GANLEY, SEAN, CHRISTOPHER
(87) International Publication No	:WO 2011/0/027120	2)STEVENS, JOHN
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A miniature circuit breaker (1) having a control unit (22) arranged to produce a trip signal to trigger a trip mechanism (20) into opening a pair of contacts (8,10) if it determines that an overcurrent condition occurs based on an output of a current sensor (23; an electric motor (25) operable to close the contacts via a contact closing mechanism (30a); a force transfer mechanism (70) arranged to transform a first trigger force into a second trigger force larger than the first trigger force, wherein the force transfer mechanism couples an electromechanical actuator (61) to a contact opening mechanism (30b) such that the second trigger force triggers the contact opening mechanism into opening the contacts; and/or a mechanical energy store (44, 46) arranged to accumulate mechanical energy from operation of the closing actuator (25) and subsequently to release accumulated mechanical energy to close the contacts.

No. of Pages: 85 No. of Claims: 74

(21) Application No.2513/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PREPARATION OF ERTAPENEM INTERMEDIATES

(51) International classification :C07D477/08, (31) Priority Document No :12188351.6 (32) Priority Date :12/10/2012 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2013/071252 Filing Date :11/10/2013

(87) International Publication No :WO 2014/057079

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

:C07D477/08,C07D477/20 (71)Name of Applicant :

1)SANDOZ AG

Address of Applicant: Lichtstrasse 35, CH-4056 Basel

Switzerland

(72)Name of Inventor: 1)LENGAUER, Hannes

2)ENDL ,Birgit

3)FELZMANN, Wolfgang

#### (57) Abstract:

The present invention relates to the preparation of compounds, in particular to the preparation of compounds which may be used as intermediates for the preparation of antibiotics, preferably carbapenem antibiotics more preferably ertapenem, and salts thereof.

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

(21) Application No.2514/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 27/03/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: PYRIDINONE COMPOUNDS FOR USE IN PHOTODYNAMIC THERAPY

(51) International classification :C07D213/69,A61K31/4412 (71)Name of Applicant : (31) Priority Document No :1215675.8

(32) Priority Date :03/09/2012

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

(86) International Application No :PCT/GB2013/052297 Filing Date :02/09/2013 (87) International Publication No :WO 2014/033477

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

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

1)UNIVERSITY OF EXETER

Address of Applicant : Northcote House, The Queens Drive,

Exeter EX4 4OJ U.K. (72)Name of Inventor: 1) CURNOW, Alison 2)WOOD, Mark

3)PERRY, Alexis

#### (57) Abstract:

A compound which is a compound of formula (I) or any salt thereof: wherein R1 is a Ci- C6 alkyl group, R2 is H or a Ci- C6 alkyl group, R3 is H or a Ci-C6 alkyl group, and n is an integer from 0 to 5.

No. of Pages: 84 No. of Claims: 20

(21) Application No.2588/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

# (54) Title of the invention : PROCESSES FOR THE SYNTHESIS OF 2 -AMINO- 4, 6- DIMETHOXYBENZAMIDE AND OTHER BENZAMIDE COMPOUNDS

classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:C07C231/06,C07C237/44,C07C213/08 :61/713688 :15/10/2012 :U.S.A. :PCT/US2013/063995 :09/10/2013 :WO 2014/062428 :NA :NA	(71)Name of Applicant:  1)ALBEMARLE CORPORATION Address of Applicant: 451 Florida Street, Baton Rouge, LA 70801 U.S.A. (72)Name of Inventor: 1)THAKKAR, Amit 2)ZEILER, Andrew, G. 3)SKUFCA, Anthony, F. 4)SPRINGER, James, J. 5)ASSINK, Bryce, K. 6)LOZANOV, Mario, E.
Application Number	:NA :NA	

#### (57) Abstract:

This invention provides a method for the synthesis of a 2- amino- 4, 6- dimethoxybenzamide and other benzamides of Compound I: wherein R1, R2, R3, and R4 each independently represent a hydrogen, a Ci- C6 alkyl, or a Ci- C6 alkoxy; and wherein R6 and R7 each independently represent a hydrogen, a Ci- C6 alkyl, a protecting group, or a directing group.

No. of Pages: 50 No. of Claims: 39

(22) Date of filing of Application :30/03/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: METHOD FOR PRODUCING LIPID USING THIOESTERASE VARIANT

(51) International classification :C12N15/09,C12N1/13,C12N1/21 (71)Name of Applicant: (31) Priority Document No :2012206972 (32) Priority Date :20/09/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/072418

:22/08/2013 Filing Date

(87) International Publication :WO 2014/045793

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

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

1)KAO CORPORATION

Address of Applicant: 14-10, Nihonbashi Kayabacho 1-

chome, Chuo- ku ,Tokyo 1038210 Japan

(72) Name of Inventor:

1)AKIHITO KAWAHARA

#### (57) Abstract:

A method for producing a lipid, comprising a step of introducing a gene encoding a protein (a) or a protein (b) as mentioned below into a host to produce a transformant and a step of collecting the lipid from the transformant: (a) a protein which has an amino acid sequence lying between position- 112 to position- 414 in SEQ ID NO: 1 wherein an amino acid residue corresponding to position- 209 in SEO ID NO: 1, i.e., a tryptophan residue, is substituted by a threonine residue, a glutamic acid residue or an alanine residue and which has a thioesterase activity; and (b) a protein which has an amino acid sequence produced by deleting, substituting, insterting or adding one or several amino acid residues other than the amino acid residue corresponding to position- 209 in SEQ ID NO: 1 in the amino acid sequence for the protein (a), and which has a thioesterase activity.

No. of Pages: 48 No. of Claims: 13

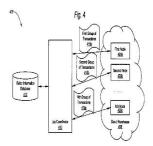
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CORRELATING WEB PAGE VISITS AND CONVERSIONS WITH EXTERNAL REFERENCES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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 17/00 :12/574,069 :06/10/2009 :U.S.A. :PCT/US2010/049704 :21/09/2010 :WO 2011/043920 :NA :NA	(71)Name of Applicant:  1)BRIGHTEDGE TECHNOLOGIES, INC. Address of Applicant:1820 GATEWAY DRIVE, SUITE 100, SAN MATEO, CALIFORNIA 94404, U.S.A. U.S.A. (72)Name of Inventor: 1)YU, JIMMY 2)PARK, LEMUEL S. 3)YIP, ROLLAND
•	:NA :NA	

#### (57) Abstract:

One embodiment includes a method for correlating external references to a Web Page with conversions performed by one or more visitors to the Web Page. The method includes receiving the Web Page to monitor and determining one or more conversions to correlate. The one or more conversions to correlate include one or more actions performed on the Web Page by a visitor to the Web Page. The method also includes identifying the visitor to the Web Page completed at least one action included in the conversions to correlate. The method also includes identifying the at least one action completed by the visitor and identifying an external reference that directed the visitor to the Web Page. The external reference contains a reference to the Web Page



No. of Pages: 38 No. of Claims: 23

(22) Date of filing of Application :29/03/2012

(43) Publication Date: 11/09/2015

# (54) Title of the invention: METHODS OF PREPARING ACTIVE CHROMIUM/ALUMINA CATALYSTS VIA TREATMENT WITH SULFATE AND POLYMERS USING THE CHROMIUM/ALUMINA CATALYSTS

:WO 2011/107943

:6835/DELNP/2006

:16/11/2006

:NA

:NA

(51) International classification :B01J 110/02 (31) Priority Document No :10/829,850 (32) Priority Date :22/04/2004 (33) Name of priority country :U.S.A.

(86) International Application No Filing Date :24/03/2005

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

Number Filing Date

(62) Divisional to Application Number Filed on

(71)Name of Applicant:

1) CHEVRON PHILLIPS CHEMICAL COMPANY, LP Address of Applicant: 10001 SIX PINES DRIVE, THE

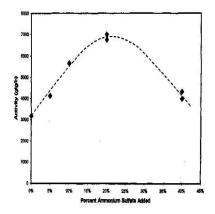
WOODLANS, TX 77380, U.S.A. U.S.A.

:PCT/US2005/009668 (72)Name of Inventor : 1)MCDANIEL, MAX, P. 2) COLLINS, KATHY S 3)BENHAM, ELIZABETH, A.

4) DESLAURIERS, PAUL J.

(57) Abstract:

Methods of preparing a polymerization catalyst are provided that include contacting a support comprising alumina with a sulfating agent and with chromium. The support can be calcined after loading the sulfating agent and the chromium on the support. Alternatively, the sulfating agent can be loaded on the support while calcining it. Alternatively, the support can be calcined after contacting it with the sulfating agent and before contacting it with an organochromium compound. Catalysts compositions comprising chromium and a sulfate treated alumina support that were formed by the foregoing method are provided. The catalyst compositions have increased catalyst activity. Methods of producing a polymer include contacting at least one olefin with the catalyst compositions are provided. The polymer compositions exhibit relatively low levels of long chain branching and relatively high molecular weights.



No. of Pages: 35 No. of Claims: 29

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

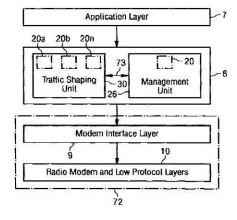
#### (54) Title of the invention: POWER MANAGER AND METHOD

(51) International classification	:H04W 52/02	(71)Name of Applicant:
(31) Priority Document No	:0919329.3	1)ROKE MANOR RESEARCH LIMITED
(32) Priority Date	:04/11/2009	Address of Applicant :OLD SALISBURY LANE, ROMSEY,
(33) Name of priority country	:U.S.A.	HAMPSHIRE, SO51 OZN UNITED KINGDOM U.K.
(86) International Application No	:PCT/GB2010/051719	(72)Name of Inventor:
Filing Date	:12/10/2010	1)CHAPMAN, THOMAS MALCOLM
(87) International Publication No	:WO 2011/055131	2)FORD, ALAN
(61) Patent of Addition to Application	:NA	3)TONER, BENEDICT
Number	:NA	4)WEST, ABIGAIL
Filing Date	.11/1	5)ZAKRZEWSKI, ROBERT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A power manager for a mobile device comprises a traffic shaping unit (30) and a management unit (26). The traffic shaping unit is incorporated into a networking layer (8) of a mobile device architecture. The traffic management unit spans application layer (7) and networking layer (8) of the mobile device architecture. The traffic shaping unit and management unit are connected via a feed path (73). The management unit (26) is provided with inputs (74) to receive measurements of external parameters (65 to 69). The management unit further comprises a processor (20) to process the received measurements and a traffic shaping function generator (21) to receive the processed measurements and generate a traffic shaping function. The management unit (26) inputs the generated traffic shaping function to the traffic shaping unit (30) via the feed path (73), whereby the traffic management unit controls transmissions from the mobile device.

#### FIG 2A



No. of Pages: 31 No. of Claims: 30

(22) Date of filing of Application :29/03/2012

(43) Publication Date: 11/09/2015

# (54) Title of the invention: PHARMACEUTICAL COMPOSITION COMPRISING A3 ADENOSINE RECEPTOR AGONIST (IBMECA/CF-101) FOR TREATMENT OF PSORIASIS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) International Publication Number Filing Date (64) Patent of Addition Number Filing Date (65) Divisional to Application Number Filing Date (66) Service S	1)CAN-FITE BIOPHARMA LTD. Address of Applicant :10 BAREKET STREET P.O. BOX 7537, 49170 PETACH TIKVA, ISRAEL Israel (72)Name of Inventor: 1)FISHMAN, PNINA
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#### (57) Abstract:

The present invention is based on the clinical finding that twice daily administrations of 2 mg of l-[N6-(3-iodobenzyl)-adenin-9-yl]-D-ribofuronamide (IB-MECA) (total daily administration of 4mg) to subjects having moderate to severe psoriasis, was significantly more effective in treatment of the psoriatic plaques than treatment of psoriasis at two administration doses of 1 mg or 4 mg (total daily doses of 2 or 8mg, respectively). Thus, the present invention provides a pharmaceutical composition for the treatment of psoriasis comprising as the active ingredient IB-MECA in an amount suitable for a total daily dose administration of about 4 mg. In one preferred embodiment IB-MECA is administered twice a day to a subject in need of psoriasis treatment, the pharmaceutical composition comprising an administration dose of 2mg.

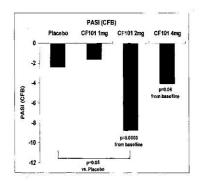


Figure 2

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

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : CRYSTALLINE PHASE OF (3S.3S ) 4 ,4' - DISULFANEDIYLBIS(3 -AMINOBUTANE 1- SULFONIC ACID) WITH L- LYSINE

(51) International (71)Name of Applicant: :C07C323/66,A61K31/145,A61P9/12 classification 1)OUANTUM GENOMICS (31) Priority Document No :12306307.5 Address of Applicant :Btiment LOdysse, 2 -12 ,chemin des Femmes, F -91300 Massy France (32) Priority Date :22/10/2012 (33) Name of priority (72) Name of Inventor: :EPO 1)BALAVOINE, Fabrice; country (86) International 2) SCHNEIDER, Jean-Marie; :PCT/EP2013/072028 Application No 3)COQUEREL, Gerard; :22/10/2013 Filing Date 4) COUVRAT, Nicolas; (87) International :WO 2014/064077 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

### (57) Abstract:

The present invention relates to a new crystalline phase of (3S, 3S) 4 ,4 disulfanediylbis(3- aminobutane 1 sulfonic acid) (ABSD) with L-lysine and its use , particularly in the pharmaceutical industry, and to processes for preparation thereof. The invention is also directed to pharmaceutical compositions containing at least one crystalline phase of (3S, 3S) 4, 4- disulfanediylbis(3- aminobutane 1-sulfonic acid) (ABSD) with L-lysine and to the therapeutic or prophylactic use of such crystalline phase and compositions comprising the same.

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

(21) Application No.2808/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : VACUUM TREATMENT ARRAY AND FILM FOR PRODUCING A VACUUM TREATMENT ARRAY

<ul><li>(51) International classification</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>	:102012018598.7 :20/09/2012 :Germany :PCT/EP2013/002839	(71)Name of Applicant:  1)LOHMANN & RAUSCHER GMBH  Address of Applicant: Kirchengasse 17, 2525 Schnau an der  Triesting Austria  2)LOSKE, Gunnar
Filing Date	:20/09/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/044400	1)LOSKE ,Gunnar
(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 vacuum treatment array having at least one open -pored contact element, by way of which a negative pressure and/or suction can be generated in a body cavity, wherein the open-pored contact element is configured, at least in sections, in the manner of a tube, having an outer and/or inner boundary surface rotating around a tube axis, at least in part.

No. of Pages: 48 No. of Claims: 33

(22) Date of filing of Application :06/04/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: MULTIPLE- BED DOWNFLOW REACTOR COMPRISING A MIXING DEVICE, USE OF SAID REACTOR, AS WELL AS MIXING METHOD

(51) International classification: B01J8/04,C10G49/00,B01J19/26 (71) Name of Applicant: (31) Priority Document No 1)SHELL INTERNATIONALE RESEARCH :12187887.0 (32) Priority Date :10/10/2012 MAATSCHAPPIJ B.V. (33) Name of priority country :EPO (86) International Application HR The Hague Netherlands

:PCT/EP2013/070972 (72) Name of Inventor: :08/10/2013 Filing Date

(87) International Publication :WO 2014/056935

No (61) Patent of Addition to :NA

**Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

Address of Applicant: Carel van Bylandtlaan 30, NL-2596

1)DEGALEESAN, Sujata; 2)WITKAMP, Benoit;

#### (57) Abstract:

The present invention relates to a multiple- bed downflow reactor (10) comprising vertically spaced beds (12, 13) of solid contact material and a mixing device (20) positioned in an inter bed space (19) between adjacent beds (12, 13). The mixing device (20) comprises a loop of first nozzles (40) distributed around a vertical axis (11) and arranged for ejecting a fluid in a first ejection direction (41) into said inter bed space (19), on the one hand, and a loop of second nozzles (50) distributed around the vertical axis (11) and arranged for ejecting a fluid in a second ejection direction (51) into said inter bed space (19), on the other hand. The first ejection direction (41) is directed inwardly with respect to the loop of first nozzles (40). The second ejection direction (51) is directed outwardly with respect to the loop of second nozzles (50).

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

(22) Date of filing of Application :29/03/2012

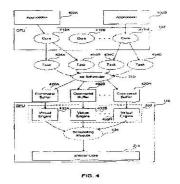
(43) Publication Date: 11/09/2015

# (54) Title of the invention : GRAPHIC PROCESSING UNIT COMPRISING A COMMAND PROCESSOR WITH MULTIPLE BUFFERS TO ENABLE ASYNCHRONOUS CONCURRENT DISPATCH OF TASKS OF DIFFERENT TYPE ON A SHADER CORE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) 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 9/50 :61/239,712 :03/09/2009 :U.S.A. :PCT/US2010/047786 :03/09/2010 :WO 2011/028986	(71)Name of Applicant:  1)ADVANCED MICRO DEVICES, INC. Address of Applicant: ONE AMD PLACE, SUNNYVALE, CL 94088, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)MANTOR, MICHAEL 2)MCCRARY, REX
<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:

A processing unit that includes a plurality of virtual engines and a shader core. The plurality of virtual engines is configured to (i) receive, from an operating system (OS), a plurality of tasks substantially in parallel with each other and (ii) load a set of state data associated with each of the plurality of tasks. The shader core is configured to execute the plurality of tasks substantially in parallel based on the set of state data associated with each of the plurality of tasks. The processing unit may also include a scheduling module that schedules the plurality of tasks to be issued to the shader core.



No. of Pages: 32 No. of Claims: 25

(22) Date of filing of Application :06/04/2015

(43) Publication Date: 11/09/2015

# (54) Title of the invention : SAMPLING DEVICE AND SAMPLING METHOD FOR MOLTEN METAL TO BE POURED INTO CASTING MOLD AND MATERIAL MANAGEMENT METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:B22D45/00 :2012239903 :31/10/2012 :Japan :PCT/JP2013/073956 :05/09/2013 :WO 2014/069100 :NA :NA :NA	(71)Name of Applicant:  1)SINTOKOGIO LTD.  Address of Applicant:11-11, Nishiki 1 -chome, Naka- ku ,Nagoya- shi, Aichi 460-0003 Japan  2)FUJIWA DENKI CO. LTD.  (72)Name of Inventor:  1)NISHIDA, Tadashi 2)Na
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#### (57) Abstract:

A sampling device for a molten metal to be poured into a casting mold according to an embodiment of the present invention is a sampling device that is mounted on an automatic pouring device that pours molten metal within a ladle into the casting mold, and samples the molten metal within the ladle. The sampling device is provided with: a molten metal receiving vessel; a movable frame in which the molten metal receiving vessel is installed; and a drive unit that drives the movable frame and transports the molten metal receiving vessel to a molten metal receiving position for receiving the molten metal from the ladle.

No. of Pages: 24 No. of Claims: 5

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A METHOD FOR DYNAMIC LOAD BALANCING OF NETWORK FLOWS ON LAG INTERFACES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04L12/803 :13/664192 :30/10/2012 :U.S.A. :PCT/IB2013/059215 :08/10/2013 :WO 2014/068426 :NA :NA :NA	(71)Name of Applicant:  1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant:S- 164 83 Stockholm Sweden (72)Name of Inventor: 1)ANAND, Prashant; 2)BALACHANDRAN, Arun;
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#### (57) Abstract:

A method is implemented by a network element to improve load sharing for a link aggregation group by redistributing data flows to less congested ports in a set of ports associated with the link aggregation group. The network element receives a data packet in a data flow at an ingress port of the network element. A load sharing process is performed to select an egress port of the network element. A check is whether the selected egress port is congested. A check is made whether a time since a previous data packet in the data flow was received exceeds a threshold value. A less congested egress port is identified in the set of ports. A flow table is updated to bind the data flow to the less congested egress port and the data packet is forwarded to the less congested egress port.

No. of Pages: 27 No. of Claims: 19

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHODS AND ARRANGEMENTS FOR NETWORK ASSISTED DEVICE -TO- DEVICE COMMUNICATION

(51) International classification :H04W84/20,H04W76/04 (71)Name of Applicant : (31) Priority Document No 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant: S-164 83 Stockholm Sweden :NA (33) Name of priority country (72)Name of Inventor: :NA (86) International Application No :PCT/SE2012/051069 1)DAHLMAN, Erik: Filing Date :05/10/2012 2)FODOR, Gabor; (87) International Publication No :WO 2014/054990 3)PARKVALL, Stefan; (61) Patent of Addition to Application 4)WILHELMSSON,Leif; :NA Number 5)KLANG, Goran; :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A method for a first communication device adapted to perform cellular network assisted device- to -device communication is disclosed. A device -to- device communication cluster of a plurality of communication devices comprises the first communication device and one or more other communication devices and a specific one of the plurality of communication devices performs a network control signal gateway function for the device -to -device communication cluster. The network control signal gateway function comprises receiving downlink control signals from a network node of the cellular network ,transmitting uplink control signals to the network node of the cellular network , and operating control signaling within the device- to -device communication cluster in association with the downlink and uplink control signals. The method of the communication device comprises deciding whether or not to switch the network control signal gateway function from the specific communication device to another communication device in the plurality of communication devices. The decision is based on link quality measurements of prospect communication links between the network node and the another communication device and/or on link quality measurements of device- to- device communication links between the specific communication device and communication devices, other than the specific communication device , of the plurality of communication devices and between the another communication devices and between the another communication devices and between the another communication devices of the plurality of communication devices and between the plurality of communication devices and between the plurality of communication device and the plurality of communication devices. Corresponding computer program product , arrangement and communication device are also disclosed.

No. of Pages: 37 No. of Claims: 23

(21) Application No.2662/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SPUD-TILTING 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>	:E02F 9/06 :2003557 :28/09/2009 :Netherlands :PCT/NL2010/050624 :27/09/2010 :WO 2010/043653 :NA :NA	(71)Name of Applicant:  1)IHC HOLLAND B.V.  Address of Applicant: MOLENDIJK 94, NL-3361 EP SLIEDRECHT THE NETHERLANDS (NL) Netherlands (72)Name of Inventor:  1)VAN EIJNSBERGEN, ARIE CORNELIS 2)VEN DE VISSER, JACOB LEENDERT
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a spud-handling device for manoeuvring a spud between a substantially vertical position and a substantially horizontal position, the spud-handling device comprising: - a lifting device which is fixedly connected to a lifting frame in order to move a spud in its vertical position substantially vertically between a highest and a lowest position, - a tilting frame which is connected to the lifting frame in order to determine a tilting axle about which the spud can be tilted, - a tilting device which is connected to the tilting frame in order to tilt the spud about the tilting axle, in which the tilting device is designed so as, in use, to engage with the lifting device for tilting a spud.

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

(21) Application No.2663/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : LIPID-DEPLETED AND/OR LIPID-ENRICHED DAIRY PRODUCTS, AND PROCESSES FOR THEIR PRODUCTION

(51) International classification :A23C 7/04 (71)Name of Applicant: (31) Priority Document No 1)FONTERRA CO-OPERATIVE GROUP LIMITED :535894 (32) Priority Date :12/10/2004 Address of Applicant: 9 PRINCES STREET, AUCKLAND, (33) Name of priority country NEW ZEALAND New Zealand :New Zealand (86) International Application No :PCT/NZ2005/00262 (72)Name of Inventor : Filing Date :12/10/2005 1)KATRINA FLETCHER (87) International Publication No :WO 2006/041316 2)OWEN CATCHPOLE (61) Patent of Addition to Application 3)JOHN BERTRAM GREY :NA Number 4)MARK PRITCHARD :NA Filing Date (62) Divisional to Application Number :2685/DELNP/2007 Filed on :11/04/2007

### (57) Abstract:

Processes for producing dairy products having lower levels of neutral lipids, and/or higher levels of polar lipids, by extraction using dimethyl ether. These products may be used as ingredients in infant formulas

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

(21) Application No.2664/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date: 11/09/2015

# (54) Title of the invention: 'NEUTRAL LIPID-DEPLETED AND/OR POLAR LIPID-ENRICHED DAIRY PRODUCTS, AND PROCESSED, AND PROCESSES FOR THEIR PRODUCTION

(51) International classification :A23C 7/04 (31) Priority Document No :535894 (32) Priority Date :12/10/2004 (33) Name of priority country :New Zealand (86) International Application No :PCT/NZ2005/000262 (72)Name of Inventor : Filing Date :12/10/2005 (87) International Publication No :WO 2006/041316

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

(62) Divisional to Application Number :2685/DELNP/2007 Filed on :11/04/2007

(71)Name of Applicant:

1)FONTERRA CO-OPERATIVE GROUP LIMITED Address of Applicant: 9 PRINCES STREET, AUCKLAND,

NEW ZEALAND, New Zealand

1)KATRINA FLETCHER 2)OWEN CATCHPOLE 3)JOHN BERTRAM GREY 4)MARK PRITCHARD

#### (57) Abstract:

Processes for producing dairy products having lower levels of neutral lipids, and/or higher levels of polar lipids, by extraction using near critical carbon dioxide. These products may be used as ingredients in infant formulas.

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

(21) Application No.2665/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

:11/04/2007

# (54) Title of the invention : NEUTRAL LIPID-DEPLETED AND/OR POLAR LIPID ENRICHED DAIRY PRODUCTS, AND PRCESSES FOR THEIR PRODUCTION

(51) International classification :A23C 7/04 (71)Name of Applicant: (31) Priority Document No 1)FONTERRA CO-OPERATIVE GROUP LIMITED :535894 (32) Priority Date Address of Applicant: 9 PRINCES STREET, AUCKLAND, :12/10/2004 (33) Name of priority country NEW ZEALAND, New Zealand :New Zealand (86) International Application No :PCT/NZ2005/000262 (72)Name of Inventor : Filing Date :12/10/2005 1)KATRINA FLETCHER (87) International Publication No :WO 2006/041316 2)OWEN CATCHPOLE (61) Patent of Addition to Application 3)JOHN BERTRAM GREY :NA Number 4)MARK PRITCHARD :NA Filing Date (62) Divisional to Application Number :2685/DELNP/2007

#### (57) Abstract:

Filed on

Processes for producing dairy products having lower levels of neutral lipids, and/or higher levels of polar lipids, by extraction using near critical carbon dioxide and extraction with dimethyl ether. These products may be used as ingredients in infant formulas.

No. of Pages: 32 No. of Claims: 24

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

### (54) Title of the invention: IMPROVEMENT IN EXTERIOR REARVIEW MIRROR 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 Filing Date</li> </ul>	:G01L :PI 0903019-0 :31/08/2009 :Brazil :PCT/BR2010/000288 :27/08/2010 : NA :NA :NA :NA	(71)Name of Applicant:  1)METAGAL INDUSTRIA E COMERCIO LTDA Address of Applicant:Rodovia BR 459- Km 121- nr. 333 CEP 37540-000 - Santa Rita do Sapucai Estado de Minas Genrais Brazil (72)Name of Inventor:  1)MIYABUKURO Pedro Takashi
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#### (57) Abstract:

The present abstract relates to a patent of invention for an exterior rearview mirror system pertaining to the field of motor vehicle accessories (1) essentially comprising: a mirror plate (10) base plate (20) electric actuator (30) frame (40) and support (41) assembly base (50) position adjustment and safety impact protective mechanism (60) and others; said electric actuator (30) being associated with the: usual position adjustment circuitry (35) actuated by a button (36) accessible by the driver; and additionally to an electric-electronic device comprised by: a module for enlarging the viewing field when reversing in parking maneuvers (70) actuated when the gearshift lever (101) of the vehicle is engaged in reverse gear; and module for enlarging the viewing angle when changing direction in the maneuver for changing lanes (80) actuated by the turn signal light (102) of the vehicle.

No. of Pages: 24 No. of Claims: 3

(21) Application No.2825/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: FOUNDATION SPACER

(51) International classification	:E04C5/16,E04C5/20	(71)Name of Applicant:
(31) Priority Document No	:12510202	1)ANDERSSON, Stefan
(32) Priority Date	:11/09/2012	Address of Applicant :-stra Knavras 16, S -443 61 Stenkullen
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2013/051047	(72)Name of Inventor:
Filing Date	:10/09/2013	1)ANDERSSON, Stefan
(87) International Publication No	:WO 2014/042577	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Stackable foundation spacer adapted for automated distribution using a feeder device and adapted to support a reinforcement grid, where the foundation spacer comprises a lower bearing surface adapted to be placed on a foundation support surface for the concrete, a first support surface adapted to support the reinforcement grid in a plurality of support points, and an outer circumferential side wall connecting the lower bearing surface with the first support surface, where the outer circumferential side wall is inclined outwards from the lower bearing surface to the first support surface with an angle a, and where the shape of the first support surface is larger than a mesh in the reinforcement grid that is to be supported. The advantage of the invention is that the distribution of foundation spacers can be automated by using a hand-held or automatic feeder device for the distribution. Further, a reinforcement grid can be supported by a foundation spacer regardless of the position of the spacer. A further advantage is that the spacer is stackable.

No. of Pages: 39 No. of Claims: 21

(21) Application No.2525/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ELECTROCHEMICAL DEVICE AND METHOD FOR CONTROLLING CORROSION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H01M2/32 :NA :NA :NA :PCT/US2012/064328 :09/11/2012 :WO 2014/074107 :NA :NA :NA	(71)Name of Applicant:  1)UNITED TECHNOLOGIES CORPORATION Address of Applicant: 1 Financial Plaza, Hartford, Connecticut 06103 U.S.A. (72)Name of Inventor: 1)DARLING, Robert Mason; 2)PERRY, Michael L.;
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#### (57) Abstract:

An electrochemical device includes a plurality of electrode assemblies that define a plurality of electrochemically active areas. A non-electrically conductive manifold includes a common manifold passage and a plurality of branch passages that extend, respectively ,between the electrochemically active areas and the common manifold passage. Each of the branch passages includes a first region and a second region that differ in surface area.

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

(21) Application No.2526/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: VEHICLE CONTROL DEVICE AND VEHICLE PROVIDED WITH 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> </ul>	:2012254193 :20/11/2012 :Japan :PCT/JP2013/076500 :30/09/2013 :WO 2014/080693	(71)Name of Applicant:  1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1, Toyota -cho, Toyota - shi, Aichi 4718571 Japan (72)Name of Inventor: 1)ANZAWA Takumi
Filing Date (87) International Publication No	:30/09/2013	` '
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The purpose of the present invention is to provide a vehicle control device and a vehicle provided with the same that enable early stage warming. In the present invention, if a vehicle (100) control state is in a start- up state (Ready- ON state), a float valve (1080) blocks a first oil pan (1100) from a second oil pan (1200) in either of an engine operation state or stop state and if the vehicle control state is in a stop state (Ready- OFF state), the float valve (1080) enables communication between the first oil pan (1100) and the second oil pan (1200).

No. of Pages: 21 No. of Claims: 5

(21) Application No.2527/DELNP/2015 A

(71)Name of Applicant:

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: RADIO TRANSMISSION APPARATUS AND RADIO TRANSMISSION SYSTEM

(51) International :H04W88/08,H04W12/06,H04W52/00 classification

(31) Priority Document No :2012220998 :03/10/2012 (32) Priority Date

(33) Name of priority :Japan

country

(86) International :PCT/JP2013/005842

Application No :01/10/2013 Filing Date

(87) International

:WO 2014/054272 Publication No

:NA

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

(57) Abstract:

Filing Date

1)NEC CORPORATION Address of Applicant: 7 1Shiba 5 chome Minato ku Tokyo 1088001 Japan (72)Name of Inventor: 1)Takuya ITOU

A radio transmission apparatus comprises: a radio transmission circuit that performs radio communications; a radio LAN circuit that performs radio LAN communications; a router circuit that processes and transmits data the radio transmission circuit is to supply/receive to/from the radio LAN circuit; feeding ports for feeding terminals having radio communication functions; a security information storage unit that stores security information; and a control unit. The control unit permits a radio LAN communication by use of a first security mode related to a standardized security authentication and further feeds from a feeding port an authenticated terminal by use of a second security mode related to the connection between the terminal and the feeding port.

No. of Pages: 59 No. of Claims: 10

(21) Application No.2828/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: USE OF FAT COMPOSITIONS FOR SUSTAINING AN ENHANCED PALATABILITY OF PET FOOD OVER TIME

(51) International classification :A23K1/16,A23K1/10,A23K1/18 (71) Name of Applicant:

(31) Priority Document No :61/700689 (32) Priority Date :13/09/2012

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

(86) International Application :PCT/EP2013/068998

:13/09/2013 Filing Date

(87) International Publication No:WO 2014/041118

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SPECIALITES PET FOOD

Address of Applicant: Z.A. du Gohlis, F-56250 Elven France

(72)Name of Inventor: 1) CALLEJON, Laurence; 2)LEVESQUE, Anne; 3)NICERON, Cecile;

4) LE BRETON, Bernard;

#### (57) Abstract:

The present invention concerns the use of a fat composition for sustaining an enhanced palatability of a food for pet over time, wherein said fat composition has a C12:0/C10:0 fatty acid weight ratio from about 0.85 to about 2.5 and/or a C14:0/C12:0 fatty acid weight ratio from about 0.45 to about 4.3. The present invention further concerns the use of said fat composition for preparing other enhanced palatability -sustaining fat compositions as well as foods for pet, all compositions and foods having an enhanced palatability sustained over time.

No. of Pages: 73 No. of Claims: 16

(22) Date of filing of Application :06/04/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: PDE9I WITH IMIDAZO PYRAZINONE BACKBONE

(51) International :C07D487/04,A61K31/4985,A61P25/28 classification

(31) Priority Document

:PCT/CN2011/001692

(32) Priority Date :10/10/2011 (33) Name of priority :China

country

(86) International :PCT/EP2012/069936

Application No

:09/10/2012 Filing Date

(87) International :WO 2013/053690 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)H. LUNDBECK A/S

Address of Applicant: Ottiliavej 9, DK -2500 Valby Denmark

(72) Name of Inventor:

1)SVENSTRUP, Niels;

2)SI-MONSEN, Klaus Baek;

3) RASMUSSEN, Lars Kyhn;

4) JUHL, Karsten;

5)LANGGARD, Morten;

6)WEN, Kate;

7) WANG, Yazhou;

# (57) Abstract:

This invention is directed to compounds, which are PDE9 enzyme inhibitors. The invention provides a pharmaceutical composition comprising a therapeutically effective amount of a compound of the invention and a pharmaceutically acceptable carrier. The present invention also provides processes for the preparation of the compounds of formula (I). The present invention further provides a method of treating a subject suffering from a neurodegenerative disorder comprising administering to the subject a therapeutically effective amount of a compound of formula (I). The present invention further provides a method of treating a subject suffering from a psychiatric disorder comprising administering to the subject a therapeutically effective amount of a compound of formula (I).

No. of Pages: 65 No. of Claims: 8

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : PROCESS FOR PRODUCING GRAIN-ORIENTED MAGNETIC STEEL SHEET WITH HIGH MAGNETIC FLUX DENSITY

:C22C38/02 (51) International classification (71)Name of Applicant: (31) Priority Document No 1)NIPPON STEEL & SUMITOMO METAL :2006-143885 (32) Priority Date :24/05/2006 CORPORATION (33) Name of priority country Address of Applicant :of 6-1, Marunouchi 2-chome, Chiyoda-:Japan :PCT/JP2007/060752 ku, Tokyo 100-8071, Japan Japan (86) International Application No (72)Name of Inventor: Filing Date :22/05/2007 (87) International Publication No : NA 1)YOSHIYUKI USHIGAMI (61) Patent of Addition to Application 2)NORIKAZU FUJII :NA Number 3)TAKESHI KIMURA :NA Filing Date 4)MAREMIZU ISHIBASHI (62) Divisional to Application Number :8825/DELNP/2008 5)SHUICHI NAKAMURA Filed on :21/10/2008 6)KOJI YAMASAKI

#### (57) Abstract:

A method of production of grain-oriented electrical steel sheet comprising heating a silicon steel material containing, by mass%, Si: 0.8 to 7%, C: 0.085% or less, acid soluble Al: 0.01 to 0.065%, and N: 0.012% or less, and optionally at least one selected from Mn: 1% or less, Cr: 0.3% or less, Cu: 0.4% or less, P: 0.5% or less, Sn: 0.3% or less, Sb: 0.3% or less, Ni: 1% or less, and S and Se in a total of 0.015% or less, and a balance consisting of Fe and unavoidable impurities, at a temperature of 1280°C or less, then hot rolling it, annealing the obtained hot rolled sheet, then cold rolling it once or cold rolling it several times with intermediate annealing to obtain steel sheet of the final sheet thickness, decarburization annealing this steel sheet, then coating an annealing separator, applying final annealing, and applying treatment to increase an amount of nitrogen of the steel sheet from the decarburization annealing to the start of secondary recrystallization of the final annealing, wherein, in the annealing process of the hot rolled sheet, decarburizing the steel sheet to 0.002 to 0.02 mass% of the amount of carbon before decarburization annealing to thereby control a lamellar spacing in the surface layer grain structure after annealing to  $20~\mu m$  or more and performing only an induction heating in the temperature elevation process in the decarburization annealing of the steel sheet of the final sheet thickness by a heating rate of 40°C/s or more, in the temperature range of a steel sheet temperature of 550°C to 720°C.

No. of Pages: 45 No. of Claims: 8

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : AUDIO CODING DEVICE, AUDIO CODING METHOD, AUDIO CODING PROGRAM , AUDIO DECODING DEVICE, AUDIO DECODING METHOD, AND AUDIO DECODING PROGRAM

(51) International classification :G10L19/005,G10L19/00,G10L19/09

(31) Priority Document No :2012251646

(32) Priority Date :15/11/2012 (33) Name of priority

country :Japan

(86) International

Application No :PCT/JP2013/080589

Filing Date :12/11/2013

(87) International

Publication No :WO 2014/077254

(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)NTT DOCOMO INC.

Address of Applicant :11-1, Nagatacho 2- chome, Chiyoda-

ku, Tokyo 1006150 Japan (72)**Name of Inventor:** 

1)KIMITAKA TSUTSUMI

2)KEI KIKUIRI

3)ATSUSHI YAMAGUCHI

# (57) Abstract:

An objective of the present invention is when packet loss occurs in audio coding, to recover audio quality without increasing algorithm delay. An audio signal transmission device which codes an audio signal comprises an audio coding unit which codes an audio signal, and a supplemental information coding unit which, from a prefetch, computes and codes supplemental information. Conversely, an audio signal receiving device which decodes the audio coding and outputs the audio signal comprises: an audio coding buffer which detects packet loss on the basis of a receiving state of an audio packet; an audio parameter decoding unit which decodes the audio coding upon successful receipt of the audio packet; a supplemental information accumulation unit which accumulates supplemental information which is obtained by decoding supplemental information coding; an audio parameter loss processing unit which outputs an audio parameter when the audio packet loss is detected; and an audio compositing unit which composites the decoded audio from the audio parameter.

No. of Pages: 119 No. of Claims: 21

(21) Application No.2833/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

## (54) Title of the invention: TRADITIONAL CHINESE MEDICINE COMBINATION FOR REGULATING IMMUNE FUNCTION AND PREPARATION METHOD THEREFOR

(51) International

:A61K36/8964,A61K36/896,A61K36/73

classification

(31) Priority Document :201210336446.2

:China

:NA

(32) Priority Date :13/09/2012 (33) Name of priority

country

(86) International :PCT/CN2013/001113

Application No :22/09/2013

Filing Date (87) International

:WO 2014/040396 Publication No

(61) Patent of Addition to Application Number

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

(71)Name of Applicant:

1)JIANGZHONG PHARMACEUTICAL CO., LTD.

Address of Applicant: 788 Huoju Nanchang, Jiangxi 330096

China

(72)Name of Inventor:

1)ZHONG, Hongguang

2)YI, Minzhi 3)LU, Jianzhong

### (57) Abstract:

Disclosed is a traditional Chinese medicine combination for regulating immune function and its preparation, wherein the combination is prepared from Chinese medicine including Radix Panacis Quinquefolii, Ganoderma, fermentative cordyceps sinensis powder, Flos Rosae Rugosae, Rhizoma Anemarrhenae, Bulbus Lilii and the like as raw materials by disintegrating, water grilling alcohol extraction etc. to obtain various clinically acceptable formulations. The combination has the effects of preventing and curing hypersensitivity disease ,hepatitis B and AIDS, increasing leucocyte, preventing radiation injury, decreasing the by -effect of chemotherapy and radiotherapy, improving male sexual function, strengthening immunity, and alleviating physical fatigue.

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

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: WEARABLE FETAL MONITORING SYSTEM HAVING TEXTILE ELECTRODES

:A41D1/20,A61B5/00,A61B5/01 (71)Name of Applicant : (51) International classification

(31) Priority Document No :61/830077 (32) Priority Date :01/06/2013

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

(86) International Application :PCT/IL2014/050493 No

:01/06/2014 Filing Date

(87) International Publication No: WO 2014/192002

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)HEALTHWATCH LTD.

Address of Applicant :34 Hazeitim Street, 4630734 Herzliya

(72) Name of Inventor:

1)AMIR .Uri

2)MALAFRIEV,Oleg

3)KATZ,Itzhak

### (57) Abstract:

A seamless, smart fetal monitoring garment and methods of using thereof. The system includes a knitted or interwoven garment having a multiplicity of conductive textile electrodes for sensing maternal and fetal electrical vital signals. The maternal and fetal electrical vital signals are selected from a group including maternal heart ,rate fetal heart rate and electromyogram (EMG) activities including uterine activities. The method includes wearing the garment, acquiring electrical mixed common, maternal and fetal vital signals from surface region of a pregnant woman, using the plurality of textile electrodes, optimally weighted summing- up the acquired signals, analyzing the summed-up signals to thereby extract the maternal signal and the fetal signal, including determining their heart rates, and including detecting-health hazards and in some embodiments, including detecting a uterine contraction sequence suggesting the need to be hospitalized for birth giving.

No. of Pages: 54 No. of Claims: 38

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: METHOD FOR LIMITING ELASTICITY OF SELECTED REGIONS IN KNITTED FABRICS

(51) International classification :A41D1/00,A61B5/053,A61B5/0402
(31) Priority Document No :61/763963
(32) Priority Date :13/02/2013
(33) Name of priority country
(86) International Application No :PCT/IL2014/050134

Filing Date :07/02/2014

(87) International Publication :WO 2014/125476

(61) Patent of Addition to
Application Number
:NA

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

(71)Name of Applicant : 1)HEALTHWATCH LTD.

Address of Applicant :34 Hazeitim Street, 4630734 Herzliya

Israel

(72)Name of Inventor : 1)SHOSHANI ,Boaz

2)AMIR, Uri

#### (57) Abstract:

Filing Date

A method for substantially reducing the elasticity of at least one selected textile region of a garment. The method includes producing the garment including a conductive textile electrode and rigidifying the at least one selected textile region. The rigidifying process includes applying rigidifying matter onto or into the at least one selected textile region. The at least one selected textile region is selected from the group consisting of a conductive textile electrode and a region of the garment situated between two adjacent textile electrodes. The invention further provides a garment having a tubular form, knitted by a seamless knitting machine with base-yarns. The garment includes at least one conductive textile electrode, composed of multiple knitted line segments, each knitted with a conductive yarn and a spandex yarn, wherein the spandex yarn and at least one base-yarn are knitted continuously.

No. of Pages: 24 No. of Claims: 27

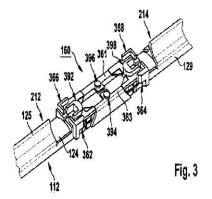
(22) Date of filing of Application :28/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: WIPER BLADE HAVING AN ADAPTER UNIT FOR HINGING TO A WIPER ARM

(51) International classification	:B60S 1/40	(71)Name of Applicant:
(31) Priority Document No	:102009029469.4	1)ROBERT BOSCH GMBH
(32) Priority Date	:15/09/2009	Address of Applicant :POSTFACH 30 02 20, 70442
(33) Name of priority country	:Germany	STUTTGART, GERMANY. Germany
(86) International Application No	:PCT/EP2010/0650546	(72)Name of Inventor:
Filing Date	:21/07/2010	1)DEPONDT, HELMUT
(87) International Publication No	:WO 2011/032753	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A wiper blade (100) for a windscreen wiper comprising a wiper strip (112) and an adapter unit (105) for hinging the wiper blade (112) to a wiper arm. The adapter unit (150) is attached at a base connection device (160) provided on the wiper strip (112) and is formed for connection to a connection member (190) associated with the wiper arm. The adapter unit (150) comprises a guide adapter (250) permanently connected to the base connection device (160) and having guide elements (352, 354, 356, 358) that are spherically curved at least partially, wherein the guide adapter is detachably connected to a function adapter (280) formed for connection to the connection member and comprising slide elements (382, 384, 386, 388) that are slidably displaceable on the guide elements such that the function adapter is movable at least from a released position into a holding position.



No. of Pages: 45 No. of Claims: 15

(22) Date of filing of Application :07/04/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: COMBINED GASIFICATION AND POWER GENERATION

(51) International classification :F02C3/28,F02C6/18,F01K23/06 (71)Name of Applicant :

(31) Priority Document No :61/725766 (32) Priority Date :13/11/2012

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

(86) International Application :PCT/US2013/063683

No Filing Date

:07/10/2013

(87) International Publication No: WO 2014/077975 (61) Patent of Addition to :NA

Application Number :NA Filing Date

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

(57) Abstract:

1)PRAXAIR TECHNOLOGY, INC.

Address of Applicant: 39 Old Ridgebury Road, Danbury, CT

06810 U.S.A.

(72) Name of Inventor:

1)DRNEVICH, Raymond, Francis; 2) CHAKRAVARTI, Shrikar;

A combined gasification and electric power generation method wherein between 30.0 and 60.0 percent of the compressed air required by an air separation unit supplying oxygen to a gasifier and nitrogen to gas turbine(s) is extracted from a compressor of the gas turbine(s). An installation, including the gas turbine(s), the air separation unit, a gasifier and a gas conditioning system for producing gas turbine fuel, has a design point of ambient temperature and pressure and net power output for producing the electric power required by a captive user. The gas turbine(s), at the design point, have a capacity to compress air from the compressor thereof, at a rate between 4.8 and 6.0 times the total molar flow rate of air required by the air separation unit and the compressor of the gas turbine(s) is operated at no less than 90.0 percent of its capacity at the design point.

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

(21) Application No.2477/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: STORAGE TRANSLATION LAYER

(51) International classification :G06F7/22,G06F9/46,G06F17/30 (71) Name of Applicant : 1)PI -CORAL ,INC. (31) Priority Document No :61/697711 (32) Priority Date :06/09/2012 Address of Applicant :2nd Floor, 2130 Gold Street, San Jose, (33) Name of priority country California 95002 U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/058644 No 1)STEPHENS, Donpaul C. :06/09/2013 Filing Date (87) International Publication No:WO 2014/039923 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

# (57) Abstract:

Method and systems for distributing the translation layer of storage media (such as NAND Flash or Storage Class Memory Storage) system across various storage system components are described herein. Non -limiting examples of storage system components include a Persistent Storage Device (PSD), a Storage Aggregation Controller (SAC), and a Storage Management Writer (SMW). The SMW may be configured to maintain a table of the logical address of each page it writes to a PSD via a SAC. The SAC may maintain the status of the validity of previously written pages with the SMW informing the SAC when any page is no longer valid. The PSD may handle device specific issues including error correction and block -level mapping for management of block- level failures and internal wear- leveling. The SAC may handle garbage collection of the physical pages within the PSDs it is managing while the SMW may maintain the actual page- level tables.

No. of Pages: 31 No. of Claims: 60

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: INDUCTIVE POWER TRANSFER CONTROL USING ENERGY INJECTION

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:H01F38/14,H02J7/02,H02J17/00 :602767 :01/10/2012	(71)Name of Applicant:  1)AUCKLAND UNISERVICES LIMITED  Address of Applicant: Level 10, 70 Symonds Street, Auckland
(33) Name of priority country	:New Zealand	1010 New Zealand
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:PCT/NZ2013/000184 :01/10/2013 :WO 2014/054953 :NA :NA	2)BUDGETT, David Mortimer 3)HU,Aiguo 4)LEUNG, Ho Yan 5)MCCORMICK,John Daniel (72)Name of Inventor: 1)BUDGETT, David Mortimer 2)HU, Aiguo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)LEUNG ,Ho Yan (Alex) 4)MCCORMICK ,John Daniel

# (57) Abstract:

The invention relates to inductive power transfer (IPT) systems, and has particular relevance to control of IPT systems and to operation of IPT system primary power supplier. There is provided a method for controlling an IPT system primary power supply having a switched resonant circuit; the method comprising: determining the value of a parameter of the system; determining an energy injection switching pattern having a duration dependent on the parameter value; controlling the resonant circuit according to the determined energy injection switching pattern.

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

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: RECOMBINANT MEASLES VIRUS EXPRESSING CHIKUNGUNYA VIRUS POLYPEPTIDES AND THEIR APPLICATIONS

(51) International :C07K14/18,A61K39/00,A61K39/12 classification

(31) Priority Document No :12306176.4 (32) Priority Date :27/09/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/070137

Application No :26/09/2013 Filing Date

(87) International Publication: WO 2014/049094

(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)INSTITUT PASTEUR

Address of Applicant: 25-28 rue du Docteur Roux, F-75724

Paris Cedex 15 France

2)THEMIS BIOSCIENCE GMBH

3) CENTRE NATIONAL DE LA RECHERCHE

**SCIENTIFIQUE** 

(72)Name of Inventor:

1)TANGY, Frdric

2) BRANDLER, Samantha 3) DESPRES, Philippe

4)HABEL, Andr

# (57) Abstract:

The invention relates to recombinant Measles virus expressing Chikungunya virus polypeptides and concerns in particular virus like particles (VLP) that contain envelope and capsid proteins of a Chikungunya virus at their surface. These particles are recombinant infectious particles able to replicate in a host after an administration. The invention provides means in particular nucleic acids, vectors , cells and rescue systems to produce these recombinant infectious particles. The invention also relates to the use of these recombinant infectious particles, in particular under the form of a composition, more particularly in a vaccine formulation for the treatment or prevention of an infection by Chikungunya virus.

No. of Pages: 195 No. of Claims: 20

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SUPPORT STRUCTURE FOR FUEL LID

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:B60K15/05,F16J13/18,F16J15/10 :2012205890 :19/09/2012	(71)Name of Applicant:  1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Address of Applicant: 2- 1, Toyoda -cho, Kariya- shi, Aichi
(33) Name of priority country	:Japan	4488671 Japan
(86) International Application No Filing Date	:PCT/JP2013/072321 :21/08/2013	2)TOYOTA JIDOSHA KABUSHIKI KAISHA (72)Name of Inventor : 1)CHIBA Kenji
(87) International Publication No	:WO 2014/045790	2)OKADA Akihisa 3)KATO Nobukazu
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)HATTA Yasuhiro 5)ARIMA Hirofumi
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A support structure for a fuel lid attached by a hinge to a vehicle body is provided with: an annular rubber seal (4) provided to the vehicle body so as to surround an oil filler port in the vehicle body, the rubber seal (4) having a top surface and an internal peripheral surface; and a contacting plate part (9) provided to a back surface of the fuel lid and capable of coming in contact with the rubber seal when the fuel lid is in the closed state. The contacting plate part (9) has a top surface contacting part (9a) for coming contact with the top surface of the rubber seal, and an internal surface contacting part (9b) for coming in contact with the internal -peripheral surface of the rubber seal.

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

(21) Application No.10889/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: COMPOSITIONS AND METHODS FOR REGULATING CAR T CELLS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> </ul>	:U.S.A.	(71)Name of Applicant:  1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA  Address of Applicant: Center for Technology Transfer 3160 Chestnut Street Suite 200 Philadelphia PA 19104 6283 U.S.A. (72)Name of Inventor:  1)JUNE Carl H.  2)LEVINE Bruce L.  3)KALOS Michael D.
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li></ul>	:NA :NA :NA	
Filing Date	:NA	

### (57) Abstract:

The invention provides a method for inhibiting the depletion of healthy tissue during CAR T cell therapy comprising administering a drug molecule conjugate comprising a drug and a molecule to a subject receiving CAR T cell therapy wherein the molecule binds to a CAR expressed on the surface of a T cell. The invention relates to binding of the conjugate to the CAR resulting in internalization of the conjugate into the cell and drug mediated death of the cell.

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

(21) Application No.2535/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: SUPPORTED HYDROTREATING CATALYSTS HAVING ENHANCED ACTIVITY

(51) International

:B01J37/02,B01J27/188,B01J27/19 classification

:WO 2014/056846

(31) Priority Document No :61/712108 (32) Priority Date :10/10/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/EP2013/070826

:07/10/2013

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)ALBEMARLE EUROPE SPRL

Address of Applicant :Parc Scientifique de LLN, Rue du

Bosquet 9, B- 1348 Louvain -la- Neuve Belgium

(72) Name of Inventor:

1)VOGELAAR Bastiaan Maarten 2)BERGWERFF, Jacob Arie

3)VAN OENE ,Johan

4)TROMP, Henk Jan

(57) Abstract:

This invention provides supported catalysts comprising a carrier, phosphorus, at least one Group VI metal, at least one Group VIII metal, and a polymer. In the catalyst, the molar ratio of phosphorus to Group VI metal, is about 1:1.5 to less than about 1:12, the molar ratio of the Group VI metal to the Group VIII metal is about 1:1 to about 5:1, and the polymer has a carbon backbone and comprises functional groups having at least one heteroatom. Also provided are a process for preparing such supported catalysts, as well as methods for hydrotreating ,hydrodenitrogenation , and/or hydro desulfurization , using supported catalysts.

No. of Pages: 39 No. of Claims: 32

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : PRODUCTION METHOD FOR- PRE FILLED SYRING,E AND PRE- FILLED SYRINGE PRODUCTION 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>	:10/05/2013 :WO 2014/181474	(71)Name of Applicant:  1)TERUMO KABUSHIKI KAISHA  Address of Applicant: 44 - 1, Hatagaya 2- chome, Shibuya- ku  ,Tokyo 1510072 Japan (72)Name of Inventor:  1)OKIHARA Hitoshi 2)YAMASHITA Arisa
	:WO 2014/181474 :NA :NA :NA :NA	2)YAMASHITA Arisa

#### (57) Abstract:

According to this production method for a pre filled syringe (100) and pre filled syringe production device (10), a syringe assembly (107) having an outer barrel (106) filled with a drug solution (110) is held oriented with the barrel tip (102) at the bottom the interior of the outer barrel (106) of the syringe assembly (107) is depressurized to a set pressure, and a basal end opening (104) of the outer barrel (106) is sealed with a gasket (112) whereby the gasket (112) is arranged at the sealing location, and the gasket (112) is pushed in towards the barrel tip (102) from the sealing location to an insertion location, at a speed faster than the speed in the gasket (112) would be moved utilizing atmospheric pressure.

No. of Pages: 66 No. of Claims: 12

(21) Application No.2840/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CRANKSHAFT-CYLINDER HOUSING LINK

(51) International classification	:F02F7/00,F16F15/315	(71)Name of Applicant:
(31) Priority Document No	:1260125	1)RENAULT S.A.S
(32) Priority Date	:24/10/2012	Address of Applicant :13- 15 Quai Le Gallo, F- 92100
(33) Name of priority country	:France	Boulogne- billancourt France
(86) International Application No	:PCT/FR2013/051763	(72)Name of Inventor:
Filing Date	:22/07/2013	1)JUSTET, Frdric;
(87) International Publication No	:WO 2014/064348	2)ABRAMCZUK, Marek;
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An internal combustion engine of a motor vehicle comprising: - an oil sump (13) on top of which the following are secured - a cylinder housing (10) comprising a chamber (11) of connecting rods defined by a wall (15) having an opening (16) intended to be traversed by one end (17) of a crankshaft (12) housed in said chamber, and an engine flywheel (20) constrained to rotate with said end and arranged outside said chamber,

No. of Pages: 16 No. of Claims: 11

(22) Date of filing of Application :07/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: PROCESS FOR PRODUCING GRAIN -ORIENTED ELECTROMAGNETIC STEEL SHEET

(51) International classification: C21D8/12, C22C38/00, C22C38/60 (71) Name of Applicant:

:27/09/2012

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

(86) International Application :PCT/JP2012/074858 No

Filing Date

(87) International Publication :WO 2014/049770

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

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

1)JFE STEEL CORPORATION

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

.Chivoda -ku, Tokvo 1000011 Japan

(72)Name of Inventor: 1)KUNMTRO SENDA

2)MAKOTO WATANABE 3)YUKIHIRO SHINGAKI

4)TAKESHI OMURA

#### (57) Abstract:

A process for producing a grain -oriented electromagnetic steel sheet the process comprising hot rolling a steel slab that contains, in terms of mass%, 0.001-0.20% C, 1.0-5.0% Si, 0.03-1.0% Mn, 0.005-0.040% S and/or Se, 0.003-0.050% sol. Al, and 0.0010 0.020% N, cold-rolling the sheet to a final sheet thickness, subjecting the sheet, to primary recrystallization annealing, thereafter applying an annealing separator that comprises MgO as the main component, and subjecting the coated sheet to final finish annealing wherein the rate of heating S from 500°C to 600°C and the rate of heating S from 600°C to 700°C during the heating in the primary recrystallization annealing are regulated to 100 °C/s or higher and a value in the range of 30- (0.5—S) °C/s, respectively. Preferably the atmosphere for 500-700°C is regulated so as to have an oxidation potential P/P of 0.05 or less. Thus, the product coil is made to have finer secondary -recrystallization grains throughout the entire length thereof and have a reduced core loss.

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

(21) Application No.2530/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: QUICK RELEASE PLUNGER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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> Number	:A61M5/32 :61/707690 :28/09/2012 :U.S.A. :PCT/US2013/061384 :24/09/2013 :WO 2014/052306 :NA :NA	(71)Name of Applicant:  1)MEDRAD, INC.  Address of Applicant:One Medrad Drive, hidianola, PA 1505  1 U.S.A. (72)Name of Inventor:  1)COWAN, Kevin, P.;  2)RHINEHART, Edward, J.;  3)TROCKI, Mark;
(61) Patent of Addition to Application		

#### (57) Abstract:

A syringe system and components thereof are disclosed. The system may include a syringe body having a hollow lumen, a proximal open end, and a distal end. The syringe body may be configured to house a fluid therein. The syringe system may further include a plunger positioned in the hollow lumen of the syringe body, forming a seal with an inner wall of the syringe body. The plunger may include a removable piston having a shaft extending from the distal end towards the proximal open end, a stopper removably connected to a distal portion of the shaft, and at least one coupler attached to the distal portion of the shaft. The stopper may be configured to slidably move within the hollow lumen to facilitate movement of the fluid within the syringe body. The coupler may be configured to facilitate removal and attachment of the stopper from the piston.

No. of Pages: 31 No. of Claims: 30

(21) Application No.2531/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: HOT -DIP GALVANIZED STEEL SHEET

:21/10/2013

(51) International classification: C23C2/06,C22C18/04,C22C38/00 (71) Name of Applicant:

:2012239974 (31) Priority Document No (32) Priority Date :31/10/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/006202

Filing Date

(87) International Publication :WO 2014/068889

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

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

:NA Filing Date

1) JFE STEEL CORPORATION

Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda

ku Tokyo 1000011 Japan (72) Name of Inventor:

1)SUZUKI Yoshitsugu

2)MIYATA Mai

3)NAGATAKI Yasunobu

#### (57) Abstract:

Provided is a hot-dip galvanized steel sheet which not only exhibits excellent adhesion of a deposit even after press working but also ensures excellent post- coating corrosion resistance even after press working and which has excellent surface appearance. According to the present invention, the structure of a zinc deposit is controlled, said zinc deposit being formed by hot-dip galvanizing, while an intermetallic compound with prescribed characteristics is formed at a deposit/steel sheet interface. Further, the solidification structure of the deposit and the surface texture thereof are controlled. Specifically, the amount of Al in the deposit is adjusted to 0.3 to 0.6% by mass. Further, the amount of Al in the intermetallic compound is adjusted to 0.12 to 0.22gm2, and the mean particle diameter of the intermetallic compound is adjusted to 1 µm or less , while the composition of the intermetallic compound is FeAl5 and/or FeAl3.

No. of Pages: 39 No. of Claims: 2

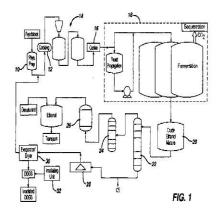
(22) Date of filing of Application :28/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PRODUCING EDIBLE RESIDUES FROM ETHANOL PRODUCTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A23K 1/06 :61/251,610 :14/10/2009 :U.S.A. :PCT/US2010/052382 :12/10/2010 :WO 2011/046967 :NA :NA	(71)Name of Applicant:  1)XYLECO, INC.  Address of Applicant:271 SALEM ST., UNIT L. WOBURN, MASSACHUSETTS 01801 U.S.A. U.S.A.  (72)Name of Inventor:  1)MEDOFF, MARSHALL
· · ·		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Edible residues of ethanol production, e.g., distillers grains and solubles, are produced that are low in, or substantially free from, antibiotic residues. Antibiotics or bacteria present in edible residues resulting from ethanol production are inactivated by irradiating the edible residues.



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

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHODS AND SYSTEMS FOR REDUCING THE IMPACT OF A GENERATOR SHORT CIRCUIT IN A WIND TURBINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number</li> <li>Filing Date</li> </ul>	:61/728275 :20/11/2012 :U.S.A. :PCT/DK2013/050374 :13/11/2013 :WO 2014/079453 :NA :NA	(71)Name of Applicant:  1)VESTAS WIND SYSTEMS A/S  Address of Applicant: Hedeager 44, DK -8200 Aarhus N  Denmark (72)Name of Inventor:  1)HELLE, Lars;  2)HELLE, Lars;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A method is provided for reducing an impact of an unbalanced short circuit event that occurs in a polyphase permanent magnet generator of a wind turbine. According to the method, an unbalanced short circuit event is detected in the generator of the wind turbine, and ,in response to detecting the unbalanced short circuit event, at least one phase of the generator is shorted at a switch -point between the generator and a converter of the wind turbine to create a balanced short circuit in the generator. By doing so, the torque response of the generator is altered to avoid high amplitude torque oscillations that would otherwise occur as a result of the unbalanced short circuit event.

No. of Pages: 30 No. of Claims: 8

(21) Application No.2852/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FILLER SUSPENSION AND ITS USE IN THE MANUFACTURE OF PAPER

(51) International classification	:D21H17/25,D21H17/28,D21H17/29	(71)Name of Applicant: 1)SPECIALTY MINERALS (MICHIGAN) INC.
(31) Priority Document No	:61/710624	Address of Applicant :30600 Telegraph Road, Bingham Farms
(32) Priority Date	:05/10/2012	,Michigan 48025 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)HIRVIKOSKI, Lotta Karoliina;
(86) International Application No Filing Date	:PCT/US2013/063310 :03/10/2013	2)LAAKSO, Ari-Pekka Juhani;
(87) International Publication No	:WO 2014/055787	
<ul><li>(61) Patent of Addition to</li><li>Application Number</li><li>Filing Date</li><li>(62) Divisional to</li></ul>	:NA :NA	
Application Number Filing Date	:NA	

### (57) Abstract:

Provided herein are filler suspensions comprising an ionic starch, a complementary ionic coadditive and filler particles. Pulp furnishes comprising the filler suspensions and paper comprising the pulp furnish are also provided. Processes for making the filler suspensions and processes for their use in manufacturing paper are also provided.

No. of Pages: 38 No. of Claims: 29

(21) Application No.2549/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PALLET CONTAINER

(51) International classification (31) Priority Document No	:B65D77/04 :20 2012 009 326.6	(71)Name of Applicant: 1)MAUSER -WERKE GMBH
(32) Priority Date	:21/09/2012	Address of Applicant :Schildgesstr. 71- 163, 50321 Br <sup>1</sup> / <sub>4</sub> hl
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2013/002762	(72)Name of Inventor:
Filing Date	:13/09/2013	1)WEYRAUCH, Detlev;
(87) International Publication No	:WO 2014/044374	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a pallet container (10) for storing and transporting especially hazardous liquid products, comprising a replaceable plastic inner receptacle (14) and a supporting jacket which consists of a tube grid frame (16), tightly surrounds the plastic inner receptacle (14), and is secured to the upper outer edge on the top deck of a rectangular base pallet (12). In particular for transporting filled pallet containers on trucks that are subjected to great acceleration and centrifugal forces, the law requires that the pallet containers be well secured and tied down. To this end, the pallet containers (10) of the invention include metal transport-securing loops (18, 30), one of which is provided in and secured to each of the four corner regions on the top deck of the base pallet (12), said loops being externally secured to the lowest horizontal peripheral grid tube (26) of the tube grid frame (16).

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

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: HOT-ROLLED STEEL SHEET, AND PRODUCTION METHOD THEREFOR

(51) International classification: C22C38/00,C21D9/46,C22C38/58 (71) Name of Applicant:

(31) Priority Document No :2012213728 (32) Priority Date :27/09/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/076027

No

:26/09/2013 Filing Date

(87) International Publication

:WO 2014/050954

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6-1, Marunouchi 2-chome, Chiyoda-

ku, Tokyo 1008071 Japan (72) Name of Inventor:

1)MARUYAMA Naoki

2)YOKOI Tatsuo 3)TANAHASHI Hiroyuki

4)SETO Atsushi 5)ITAMI Atsushi

#### (57) Abstract:

This hot-rolled steel sheet includes, in mass% 0.05-0.15% of C, 0-0.2% of Si, 0.5-3.0% of Al, 1.2-2.5% of Mn, not more than 0.1% of P, not more than 0.01% of S, not more than 0.007% of N, 0.03 -0.10% of Ti, 0.008- 0.06% of Nb, 0- 0.12% of V, a total of 0-2.0% of one or more from among Cr, Cu, Ni, and Mo 0-0.005% of B, a total of 0-0.01% of one or more from among Ca, Mg, La and Ce, a total of 0.8x(Mn -1)% or more of Si and Al, and a total of 0.04-0.14% of Ti and Nb, the remainder being Fe and unavoidable impurities. In the steel structure, the total surface area percentage of martensite and retained austenite is in the range of 3 -20%, the surface area percentage of ferrite is in the range 50-96%, and the surface area percentage of pearlite is not more than 3%. In a surface layer portion, the thickness of an area in which network oxides are present, in the plate thickness direction, is less than 0.5 µm. The maximum tensile strength is at least 720MPa.

No. of Pages: 48 No. of Claims: 12

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : IMAGE FORMING APPARATUS , DRIVING METHOD THEREOF, AND COMPUTER- READABLE RECORDING MEDIUM

(51) International classification :G06F3/12,H04L9/32,G06F1/32 (71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO. LTD. (31) Priority Document No :1020120102953 (32) Priority Date :17/09/2012 Address of Applicant: 129, Samsung-ro, Yeongtong-gu, (33) Name of priority country :Republic of Korea Suwon -si Gyeonggi- do 443 -742 Republic of Korea (86) International Application No :PCT/KR2013/003803 (72) Name of Inventor: Filing Date :02/05/2013 1)LEE, Jong-seung; (87) International Publication No: WO 2014/042332 2)KIM, Jeong-min; (61) Patent of Addition to 3)JUN, Jin-hwi; :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

# (57) Abstract:

An image forming apparatus includes a communication interface unit which communicates with an external apparatus a controller which, if a job performance command is received from the external apparatus when an operation mode of the image forming apparatus is a power saving mode, performs authentication of the external apparatus while maintaining the power saving mode, and a function unit which converts an operation mode of the image forming apparatus according to the authentication result and performs a function corresponding to the job performance command.

No. of Pages: 72 No. of Claims: 15

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING PLATE MODERATED FLUID - FILLED BLADDERS AND/OR FOAM TYPE IMPACT FORCE ATTENUATION MEMBERS

(51) International :A43B7/14,A43B13/16,A43B13/18

:WO 2014/046938

classification ...A+3B13/10,A+3B

(31) Priority Document No :13/623660 (32) Priority Date :20/09/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/059241

No :11/09/2013

Filing Date

(87) International Publication

(61) Patent of Addition to :NA

Application Number :NA :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)NIKE INTERNATIONAL LTD.

Address of Applicant :One Bowerman Drive, Beaverton

,Oregon 97005 U.S.A. (72)Name of Inventor: 1)BRUCE, Robert M.; 2)HEARD, Joshua P.;

3)KOHATSU,Shane S.; 4)NURSE, Matthew A.;

#### (57) Abstract:

Sole structures for articles of footwear, including athletic footwear, include: (a) an outsole component; (b) a midsole component engaged with the outsole component, wherein the midsole component includes at least one opening or receptacle; (c) at least one fluid filled bladder system or foam system provided in the opening or receptacle; and/or (d) a rigid plate system including one or more rigid plates overlaying the fluid- filled bladder or foam system(s). The rigid plate(s) may be fixed directly to the midsole component or the rigid plate(s) may rest on the fluid- filled bladder(s) or foam somewhat above the surface of the midsole component when the sole structure is in an uncompressed condition. Articles of footwear and methods of making sole structures and articles of footwear including such sole structures also are described.

No. of Pages: 79 No. of Claims: 48

(21) Application No.2540/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

(54) Title of the invention: SYRINGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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> Number	:A61M5/28 :2013168618 :14/08/2013 :Japan :PCT/JP2014/059019 :27/03/2014 :WO 2015/022787 :NA :NA	(71)Name of Applicant:  1)TERUMO KABUSHIKI KAISHA Address of Applicant: 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 Japan (72)Name of Inventor: 1)TAKEMOTO Masafumi
(61) Patent of Addition to Application	:NA	

#### (57) Abstract:

A syringe (10) is provided with a needle (12), a body (14), and a protection device (20). The protection device (20) includes: an inner cylinder (42) which is rotatably mounted to the body (14) and which has a protrusion (76); and an outer cylinder (40) which covers the needle (12) and the inner cylinder (42) before a puncture, retracts and exposes the needle (12) during the puncture and advances and covers the needle (12) after the puncture. The outer cylinder (40) has: a guide passage (54) which guides the protrusion (76) and rotates the inner cylinder (42); and a restriction section (63) which, when the protrusion (76) has moved to a predetermined position in the guide passage (54) after a puncture, restricts the retraction of the outer cylinder (40).

No. of Pages: 142 No. of Claims: 18

(21) Application No.2541/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: INDEPENDENT WEARABLE HEALTH MONITORING SYSTEM, ADAPTED TO INTERFACE WITH A TREATMENT DEVICE

(51) International classification :A61B5/00,A41D1/00,A61N1/39 (71) Name of Applicant:

(31) Priority Document No :61/892475 (32) Priority Date :18/10/2013

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

(86) International Application :PCT/IL2014/050895

:12/10/2014 Filing Date

(87) International Publication No:WO 2015/056262

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

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

## 1) HEALTHWATCH LTD.

Address of Applicant :34 Hazeitim Street, 4630734 Herzliya

(72) Name of Inventor: 1)ROMEM, Yoram 2)AMIR, Uri

(57) Abstract:

An independent wearable health monitoring system, configured for use by a living being on a daily basis. The system includes a knitted garment worn by the living being adjacently to preconfigured body locations a garment- processing device having processor, and a multiplicity of sensors adapted to measure health parameters, wherein at least some sensors are integrally knitted with the knitted garment, and wherein the knitted textile sensors include electrodes adapted to provide ECG data. The system further includes an interface adapted to operatively connect at least one external medical device to the garment- processing device. Preferably , the health monitoring system further includes two conductive, integrally knitted pads operatively disposed tightly adjacently to the skin of the monitored living being, adapted to facilitate placing of a respective defibrillator paddles thereon and applying defibrillator shocks. Preferably, the garment- processing device controls the activation and deactivation of the defibrillator shocks.

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

(21) Application No.2854/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: PRODUCTION METHOD FOR CARBONYL COMPOUND

(51) International :C07C45/65,C07C49/753,C07D319/08 classification

(31) Priority Document No :2012259166

(32) Priority Date :27/11/2012 (33) Name of priority

:Japan country

(86) International :PCT/JP2013/076866 Application No

:02/10/2013 Filing Date

(87) International :WO 2014/083936 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)KUREHA CORPORATION

Address of Applicant: 3-3-2, Nihonbashi-Hamacho, Chuo-

ku, Tokyo 1038552 Japan (72) Name of Inventor: 1)KANNO, Hisashi 2) AMAZAKI, Toru

### (57) Abstract:

The present invention addresses the problem of providing a method that produces a higher yield of a carbonyl compound. In this production method for a carbonyl compound, dealkoxycarbonylation of a compound represented by formula (II) is performed in the presence of a hydrogen halide salt of a tertiary amine in order to produce a carbonyl compound that is represented by formula (I). (In formula (II), R represents an alkyl group having a carbon number of 1-4.)

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

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

(43) Publication Date: 11/09/2015

# (54) Title of the invention: CONFIGURATION AND DETECTION METHOD AND DEVICE FOR ENHANCED DOWNLINK CONTROL CHANNEL, EVOLVED NODE B AND TERMINAL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:29/07/2013 :WO 2013/170840 :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)ZTE CORPORATION
Filing Date	:NA :NA	

#### (57) Abstract:

Disclosed is a configuration method for an enhanced downlink control channel, which configures K ePDCCH detection clusters for a terminal, including: independently configuring an antenna port index of a corresponding demodulation reference signal (DMRS) at the time of detection of each ePDCCH detection cluster or different transmission modes of ePDCCH detection clusters of the K ePDCCH detection clusters; and/or independently configuring a scrambling sequence index of the corresponding DMRS at the time of detection clusters; and/or independently configuring the correlation between a corresponding DMRS scrambling sequence at the time of detection of each ePDCCH detection cluster or different transmission modes of ePDCCH detection clusters of the K ePDCCH detection clusters and a DMRS scrambling sequence of a physical downlink shared channel PDSCH, and the like. Disclosed at the same time are a detection method and device for an enhanced downlink control channel a configuration device for an enhanced downlink control channel , a terminal and an evolved node B. The present invention allows an ePDCCH to have stronger stability and configuration flexibility.

No. of Pages: 84 No. of Claims: 48

(21) Application No.1501/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A HIGH VELOCITY OXY-LIQUID FLAME SPRAY GUN ANDA PROCESS FOR COATING THEREOF

(51) International classification	:B05B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Metallizing Equipment Company Pvt. Ltd.
(32) Priority Date	:NA	Address of Applicant :E-101,M.I.A,Phase -2,Basni, Jodhpur-
(33) Name of priority country	:NA	005(INDIA) Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)S.C. Modi
(87) International Publication No	: NA	2)Ankur Modi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Present invention relates to a high velocity oxy-liquid fuel spray gun, wherein said spray gun has a combustion chamber designed with outlet offset to the combustion chamber, a water inlet towards front side of the gun; and a narrow stabilizer arranged at 45 degree or 70 degree, inline of oxygen connector, fuel connector spark plug.

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

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : USE OF DIVALENT IONS , PROTEASES , DETERGENTS, AND LOW PH IN THE EXTRACTION OF NUCLEIC ACIDS

<sup>(57)</sup> Abstract:

The present invention provides methods of extracting target nucleic acids from a biological sample using divalent salts and acidic conditions.

No. of Pages: 41 No. of Claims: 38

(21) Application No.2551/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: POWER CONVERSION DEVICE

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCTFiling Date:27/0	SYSTEMS CORPORATION Address of Applicant :3- 1 -1 Kyobashi, Chuo- ku ,-Tokyo 1040031 Japan (72)Name of Inventor : 1).FUJII, Yosuke 2)IKAWA, Eiichi
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### (57) Abstract:

A power conversion device (10) is provided with an inverter (1) configured of a switching element an insulated transformer (6) provided to the AC side of the inverter (1), and a switching frequency determination unit (24) for determining a switching frequency (fsw) on the basis of the power outputted by the inverter (1), in order to reduce loss including loss by the insulated transformer (6).

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

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: IMAGE FORMING APPARATUS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G03G15/14 :1020120119350 :25/10/2012 :Republic of Korea :PCT/KR2013/008022 :05/09/2013 :WO 2014/065503	(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)JU, Jeong Yong; 2)LEE, Jun Ho;
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An image forming apparatus including a body provided at one side thereof with an opening, a transfer device movably installed at the body so as to be detachable through the opening, and a locking lever rotatably installed at the transfer device, wherein the locking lever rotates between a first position at which one end of the locking lever protrudes from the transfer device, and a second position at which the one end is accommodated within the transfer device and the body includes a locking protrusion that is locked with other end of the locking lever in a state that the locking lever is at the first position, so that only in a state that a worker rotates the locking lever while gripping the transfer device, the transfer device is separated from the body, thereby separating the transfer device in a safe manner.

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

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FLEXIBLE OPTICAL CIRCUIT, CASSETTES, 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> </ul>	:G02B6/40,G02B6/36 :61/710519 :05/10/2012 :U.S.A. :PCT/US2013/063447 :04/10/2013 :WO 2014/055859 :NA :NA	(71)Name of Applicant:  1)TYCO ELECTRONICS NEDERLAND BV Address of Applicant: Rietveldenweg 32, S- Hertogenbosch Netherlands 2)TYCO ELECTRONICS CORPORATION (72)Name of Inventor: 1)SCHNEIDER, Paul 2)DORRESTEIN, Alexander 3)EBERLE, James, Joseph
- 10	:NA :NA :NA	3)EBERLE ,James ,Joseph

#### (57) Abstract:

A fiber optic cassette includes a body defining a front and an opposite rear. A cable entry location, such as a multi-fiber connector, is defined on the body for a cable to enter the cassette, wherein a plurality of optical fibers from the cable extend into the cassette and form terminations at one or more single or multi-fiber connectors adjacent the front of the body. A flexible substrate is positioned between the cable entry location and the connectors adjacent the front of the body, the flexible substrate rigidly supporting the plurality of optical fibers. Each of the connectors adjacent the front of the body includes a ferrule. Dark fibers can be provided if not all fiber locations are used in the multi-fiber connectors. Multiple flexible substrates can be used with one or more multi-fiber connectors.

No. of Pages: 107 No. of Claims: 17

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE

(51) International classification :G02B6/40,G02B6/38,G02B6/36

(31) Priority Document No :61/707480 (32) Priority Date :28/09/2012 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2013/061670

Filing Date :25/09/2013

(87) International Publication No :WO 2014/052446

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

Number :NA

Filing Date

(71)Name of Applicant:

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Wiltshire SN3 5HH U.K.

2)TE CONNECTIVITY AMP ESPANA S.L.U. 3)TYCO ELECTRONICS NEDERLAND BV

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1)MURRAY, David, Patrick;

2)BOLHAAR,Ton; 3)SCHNEIDER, Paul; 4)MATEO, Rafael; 5)COBACHO, Luis;

5)COBACHO, Luis; 6)WENTWORTH, Michael; 7)BRANDT, Steven, J.; 8)BUIJS,Marcellus, Pj;

9)DORRESTEIN, Alexander; 10)RIETVELD, Jan, Willem;

#### (57) Abstract:

A double flexible optical circuit includes: a flexible substrate supporting a plurality of optical fibers; a first connector terminating the optical fibers at a first end of the double flexible optical circuit; and a second connector terminating the optical fibers at a second end of the double flexible optical circuit. Each of the optical fibers is positioned in one of a plurality of separate extensions formed by the flexible substrate as the optical fibers extend from the first connector to the second connector. The first and second connectors are configured to be tested when the first and second connectors are connected through the double flexible optical circuit. The double flexible optical circuit is configured to be divided in half once the testing is complete to form two separate flexible optical circuits.

No. of Pages: 126 No. of Claims: 20

(21) Application No.2708/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: VIADUCT SUPPORTED BY HYDRODYNAMIC ARRAY

(51) International classification (31) Priority Document No	:E02B 9/08 :12/552,961	(71)Name of Applicant:  1)BLUE ENERGY CANADA INC.
<ul><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:02/09/2009 :U.S.A.	Address of Applicant :SUITE 1000-355 BURRARD STREET, VANCOUVER, BC V6C 2G8, CANADA Canada
(86) International Application No Filing Date	:PCT/CA2010/000813 :02/06/2010	(72)Name of Inventor : 1)MARTIN BURGER
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2011/026213	2)NORM REID
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

There are a large number of sites in the world's oceans and rivers that can provide a significant, viable, and cost effective source of re¬newable energy. Man} are strategically located close to populated areas where these sites can be used to harness energy using ecologically benign hydrodynamic technology. A hydrodynamic array comprises multiple hy-drodynamic elements for producing electricity by the motion of ocean tides or river currents and forces acting on the hydrodynamic array, which is im-. mersed in ocean tides or river currents and which is in motion relative to the ocean tides or river currents.

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

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

(54) Title of the invention: COSMETIC FOAM

(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date  NA SNA SNA SNA SNA SNA SNA SNA SNA SNA	<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li></ul>	:28/09/2010 :WO 2011/038446 :NA :NA	(71)Name of Applicant:  1)STIEFFL RESEARCH AUSTRALIA PTY LTD Address of Applicant: 8 MACRO COURT, ROWVILLE, VIC 3178, AUSTRALIA Australia (72)Name of Inventor: 1)ALBERT ZORKO ABRAM 2)IULIAN GOLDSTEIN
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(21) Application No.2709/DELNP/2012 A

#### (57) Abstract:

The present invention provides aerosol foams comprising Aloe vera. In particular, the foams comprise (a) Aloe vera, (b) a surfactant and (c) a propellant. The foams may further comprise one or more of the group consisting of an  $\alpha$ -hydroxy acid, a -hydroxy acid, a humectant, a thickening agent, a dermatologically acceptable excipient, and mixtures thereof.

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

(21) Application No.2785/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SUBTERRANEAN WELL TOOLS WITH DIRECTIONALLY CONTROLLING FLOW LAYER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:E21B43/08,E21B43/12 :NA :NA :NA :PCT/US2012/062416 :29/10/2012 :WO 2014/070135 :NA :NA	(71)Name of Applicant:  1)HALLIBURTON ENERGY SERVICES, INC. Address of Applicant:10200 Bellaire Blvd., Houston, TX  77072 U.S.A.  (72)Name of Inventor: 1)HOLDERMAN, Luke, William 2)FRIPP, Michael 3)LOPEZ, Jean, Marc 4)ZHAO, Liang
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

Disclosed herein is a flow direction controlling layer for use in controlling the flow of fluids in subterranean well tools. The control layer comprises micro check valve arrays formed in the tool.

No. of Pages: 27 No. of Claims: 26

(22) Date of filing of Application :04/06/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: AUTOMATIC MORPHOMETRY AND CLASSIFICATION OF CRYSTALS OF IRON OXIDES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:G06T7/00,G06K9/00 :61/707695 :28/09/2012 :U.S.A. :PCT/BR2013/000375 :27/09/2013 :WO 2014/047708 :NA :NA :NA	CEP- 20030 -000 Rio de Janeiro - RJ Brazil 2)FACULDADES CATLICAS 3)VIEIRA Maria Beatriz
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## (57) Abstract:

An automatic method for the classification of crystals of iron oxides , including the measurement of oxide crystal size and shape , by a digital microscopy procedure involving image acquisition , processing , analysis , and classification is described.

No. of Pages: 19 No. of Claims: 26

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SYSTEM, METHOD, AND APPARATUS FOR REGULATING PRESSURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:11/09/2013 :WO 2014/043225 :NA :NA	(71)Name of Applicant:  1)KCI LICENSING, INC.  Address of Applicant: Legal Department - Intellectual  Property, P.O. Box 659508, San Antonio, TX 78265 9508 U.S.A.  (72)Name of Inventor:  1)LOCKE, Christopher, Brian  2)COULTHARD, Richard Daniel, John
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

Subject matter relating to pressure regulation is described. In one illustrative embodiment an apparatus for regulating pressure may include a supply chamber , a control chamber , and a charging chamber. The supply chamber may have a supply port adapted for coupling to a supply lumen , and the control chamber may have a control port adapted for coupling to a feedback lumen. The charging chamber can be fluidly coupled to the supply chamber through a charging port. A regulator valve within the control chamber can operate to control fluid communication through the charging port based on a differential between pressure in the control chamber and a target pressure.

No. of Pages: 52 No. of Claims: 37

(21) Application No.2867/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: HOT AIR OVEN

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:A21B1/26,F28F1/40 :12510301	(71)Name of Applicant: 1)REVENT INTERNATIONAL AB
(32) Priority Date	:14/09/2012	Address of Applicant :Box 714, S- 194 27 Upplands Vsby
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2013/051069	(72)Name of Inventor:
Filing Date	:13/09/2013	1)ENGSTROM, Olof;
(87) International Publication No	:WO 2014/042585	
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

In order to improve the transfer of heat from a warm fluid inside a heat exchanger tube (333) arranged in a hot air oven and comprising an elongated tube with a wall with an exterior surface and an interior surface, the interior surface is provided with at least one longitudinally extending interior wall (363, 363) which extends from one side of the interior surface towards another side of the interior surface.

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

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CMPF AS A BIOMARKER FOR DIABETES AND ASSOCIATED METHODS

(51) International (71)Name of Applicant: :A61K31/43,A61K31/196,A61K31/198 1)THE GOVERNING COUNCIL OF THE UNIVERSITY classification (31) Priority Document OF TORONTO :61/703867 Address of Applicant :Banting Institute, 100 College Street Suite 413, Toronto Ontario M5G 1L5 Canada (32) Priority Date :21/09/2012 (33) Name of priority (72)Name of Inventor: :U.S.A. country 1)WHEELER, Michael; (86) International 2)PRENTICE, Kacey; :PCT/CA2013/000798 Application No 3)DAI, Feihan; :20/09/2013 Filing Date 4) RETNAKARAN, Ravi; (87) International :WO 2014/043793 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA

# (57) Abstract:

Filing Date

Provided are methods for identifying or monitoring a subject having, or at risk of developing, impaired glucose homeostasis. Carboxy- 4- methyl -5- propyl- 2- furanpropanoic acid (CMPF) is shown to be a biomarker for impaired glucose homeostasis and/or conditions characterized by -cell dysfunction. Comparing a test level of CMPF in a subject to a control level identifies subjects having or at risk of developing, impaired glucose homeostasis. Also provided are methods of causing impaired glucose homeostasis or -cell dysfunction and methods of screening for compounds that affect the activity of -cells. Also provided are methods for the treatment of cell dysfunction by reducing the physiological levels of CMPF in a subject as well as the use of a OAT modulator for the treatment of cell dysfunction.

No. of Pages: 100 No. of Claims: 62

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : IMPROVED PUMP UNIT FOR INJECTION APPARATUS OF AN INTENAL COMBUSTION ENGINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:F02M 63/02 :TO2009A000715 :21/09/2009 :Italy :PCT/IB2010/002359 :21/09/2010 :WO 2011/033379 :NA :NA	(71)Name of Applicant:  1)POLITECNICO DI TORINO  Address of Applicant: CORSO DUCA DEGLI ABRUZZI, 24, TORINO, ITALY Italy (72)Name of Inventor:  1)CATANIA ANDREA EMILIO 2)FERRARI ALESSANDRO
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

A pump unit for an injection apparatus of the Common Rail type comprising a pump body housing at least one pumping element adapted to be rotatably fed to send pressurized fuel towards a feeding storage volume (5) of the injectors, belonging to the pump itself.



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

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: POLYCYCLIC COMPOUNDS AS LYSOPHOSPHATIDIC ACID RECEPTOR ANTAGONISTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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 261/14 :61/247,877 :01/10/2009 :U.S.A. :PCT/US2010/050787 :29/09/2010 :WO 2011/041462 :NA :NA	3)SCOTT JILL MELISSA 4)COATE HEATHER RENEE 5)ZHAO LUCY 6)SEIDERS THOMAS JON 7)VOLKOTS DEBORAH
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

Described herein are compounds that are antagonists of lysophosphatidic receptor(s). Also described are pharmaceutical compositions and medicaments that include the compounds described herein, as well as methods of using such antagonists, alone and in combination with other compounds, for treating LPA-dependent or LPA-mediated conditions or diseases.

No. of Pages: 380 No. of Claims: 34

(21) Application No.2806/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR PURIFYING ALDEHYDE COMPOUND

(51) International

:C07C253/34,B01J25/00,B01J31/24

classification

(31) Priority Document No :2012247464

(32) Priority Date

:09/11/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/080315

:08/11/2013

Filing Date

(87) International Publication :WO 2014/073663

(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)MITSUI CHEMICALS INC.

Address of Applicant: 5-2, Higashi-Shimbashi 1-chome,

Minato- ku ,Tokyo 1057117 Japan

(72) Name of Inventor:

1)Naoyuki KAKINUMA

2)Masayulu FURUYA

3)Michiharu SAKATA

4)Koichi TOKUNAGA

5)Shigetoshi KUMA

(57) Abstract:

This method for purifying an aldehyde compound comprises: a step for neutralizing a reaction solution, which contains an aldehyde compound that is obtained by reacting a compound represented by general formula (a1) or (a2) with hydrogen and carbon monoxide in the presence of a group 8-10 metal compound and a phosphorus compound, by adding water and a basic compound into the reaction solution; and a step for distilling the neutralized reaction solution. The phosphorus compound is represented by formula  $(R \land O \land) P$ , and the basic compound is at least one salt that is selected from among carbonates and hydrogen carbonates of group I metals of the periodic table and carbonates and hydrogen carbonates of group II metals of the periodic table.

No. of Pages: 51 No. of Claims: 16

(21) Application No.2891/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: UNIDIRECTIONAL DEEP PACKET INSPECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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 :NA :NA :NA :PCT/EP2012/070793 :19/10/2012 :WO 2014/060046	(71)Name of Applicant:  1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S- 164 83 Stockholm Sweden (72)Name of Inventor: 1)Z-MBIK, L;szlo
<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 invention relates to a communication device (1) comprising a processor configured to create a client handshake message in order to negotiate security settings for a network connection between the device and a network node (2) of the telecommunication network using a transport layer security protocol. The client handshake message comprises a first encryption algorithm indicator indicative of a first encryption algorithm proposed by the communication device for communication from the communication device (1) to the network node (2), and a second encryption algorithm indicator indicator indicative of a second encryption algorithm proposed by the communication device for communication from the network node to the communication device (1). Only one of the first and second encryption algorithm indicator indicates that communication is non encrypted while the other of the first and second encryption algorithm indicator is indicating that communication is encrypted. This enables e.g. a gateway to perform deep packet inspection in one direction while in the opposite direction the data is still safely encrypted.

No. of Pages: 40 No. of Claims: 17

(21) Application No.2892/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: FOCUS DETECTION DEVICE, AND IMAGING DEVICE

(51) International :G02B7/34,G03B13/36,H04N5/225 classification

:NA

(31) Priority Document No :2012217303 (32) Priority Date :28/09/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/075419

:20/09/2013 Filing Date

(87) International Publication

:WO 2014/050718 No

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

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

Number Filing Date (71)Name of Applicant: 1)NIKON CORPORATION

Address of Applicant: 12-1, Yurakucho 1-chome, Chiyoda-

ku, Tokyo 1008331 Japan (72)Name of Inventor: 1)KUSAKA, Yosuke

# (57) Abstract:

A focus detection device includes: an image sensor which is provided with a plurality of focus -detection pixel lines having a plurality of focus- detection pixels each of said plurality of focus- detection pixel lines outputting a pair of focus- detection signals; a spatial integration unit which integrates the pairs of focus detection signals outputted respectively by focus- detection pixel lines of a first prescribed number from among the plurality of focus detection pixel lines, and calculates a spatial integration value; and a focus detection unit which detects a focus state of an optical system on the basis of the spatial integration value.

No. of Pages: 63 No. of Claims: 15

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DLL4-BINDING MOLECULES

(51) International classification	:C07K 16/28	(71)Name of Applicant:
(31) Priority Document No	:09172132.4	1)BOEHRINGER INGELHEIM INTERNATIONAL
(32) Priority Date	:02/10/2009	GMBH
(33) Name of priority country	:EUROPEAN	Address of Applicant :BINGER STRASSE 173, 55216
(33) Ivalue of priority country	UNION	INGELHEIM AM RHEIN, GERMNAY Germany
(86) International Application No	:PCT/EP2010/064693	(72)Name of Inventor:
Filing Date	:01/10/2010	1)ERIC BORGES
(87) International Publication No	:WO 2011/039368	2)ANDREAS GSCHWIND
(61) Patent of Addition to Application	:NA	3)JOACHIM BOUCNEAU
Number	:NA	4)EVELYN DE TAVERNIER
Filing Date	.INA	5)JOOST KOLKMAN
(62) Divisional to Application Number	:NA	6)PASCAL MERCHIERS
Filing Date	:NA	7)DIANE VAN HOORICK

## (57) Abstract:

DII4-binding molecules, preferably DII4-binding immunoglobulin single variable domains like VHHs and VHs, pharmaceutical compositions containing same and their use in the treatment of diseases that are associated with DII4-mediated effects on angiogenesis. Bispecific DII4-binding molecules that also bind to VEGF-A. Nucleic acids encoding DII4-binding molecules, host cells and methods for preparing same.

No. of Pages: 320 No. of Claims: 27

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: VEHICLE SEAT, PARTICULAR MOTOR VEHICLE SEAT

(51) International classification	:B60N 2/225	(71)Name of Applicant:
(31) Priority Document No	:10 2009 057928.1	1)KEIPER GMBH & CO. KG
(32) Priority Date	:09/12/2009	Address of Applicant :HERTELSBRUNNENRING 2, 67657
(33) Name of priority country	:Germany	KAISERSLAUTERN, GERMANY Germany
(86) International Application No	:PCT/EP2010/007160	(72)Name of Inventor:
Filing Date	:25/11/2010	1)GEORG FISCHER
(87) International Publication No	:WO 2011/069604	2)VOLKER SCHAFER
(61) Patent of Addition to Application	:NA	3)GUNTER FRANZANN
Number	:NA	4)WERNER LIBORIUS
Filing Date	.IVA	5)LARS KRAMM
(62) Divisional to Application Number	:NA	6)HARALD WOLSIEFER
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a vehicle seat, in particular a motor vehicle seat, comprising at least one fitting (10), which has two fitting parts (11, 12) that can be rotated relative to each other and which defines an axis (A), and at least one structural part (15), which has at least one first ope¬ning (16) having a first diameter (D) for partially accommodating the fit¬ting (10) and which has at least one fastening area (18) surrounding the first opening (16) for festening the fitting (10), wherein the fastening area (18) is stiffened relative to the other areas of the structural part (15) by an additional part (25), which has a second opening (26) having a second dia¬meter (d) and which is rigidly connected to the structural part (15), the fit¬ting (10) being rigidly connected to the additional part (25) and being at least partially inserted into the second opening (26).

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

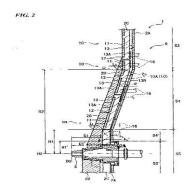
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : BLAST FURNACE BOSH ZONE STRUCTURE AND METHOD OF DESIGNIG OF BLAST FURNACE BOSH ZONE

(51) International classification (71)Name of Applicant: :C12B 7/10 1)NIPPON STEEL & SUMITOMO METAL (31) Priority Document No :2009-224434 (32) Priority Date :29/09/2009 CORPORATION (33) Name of priority country Address of Applicant :6-1, MARUNOUCHI 2-CHOME, :Japan (86) International Application No :PCT/JP2010/066879 CHIYODA-KU, TOKYO 100-8071, JAPAN Japan Filing Date (72) Name of Inventor: :29/09/2010 (87) International Publication No :WO 2011/040425 1)KUNIYOSHI ANAN (61) Patent of Addition to Application 2)TOSHIYUKI CHUMAN :NA Number 3)YOSHIYUKI MATSUOKA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The bosh zone structure of a blast furnace is a structure of a tubular bosh zone that is provided between a tuyere portion and a furnace trunk portion of the blast furnace, and has a diameter expanding upward along a vertical direction, in which the bosh zone has a ring-shaped sheet iron shell, a copper or copper-alloy bosh zone stave provided at the inner circumference of the steel iron shell, and refractory bricks provided at the inner circumference of the bosh zone stave; the thickness of the refractory brick in the horizontal direction at the top edge position of the bosh zone is 50 mm to 500 mm; the thickness of the refractory brick in the horizontal direction at the bottom edge position of the bosh zone is 200 mm to 500 mm; and a narrow angle formed between the surface of the bosh zone stave and the horizontal plane is 75° to 82° in a cross section of the bosh zone including the axial line thereof.



No. of Pages: 50 No. of Claims: 4

(21) Application No.2887/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: IN CYLINDER CHARGING SYSTEM FOR FUEL DELIVERY SYSTEMS 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 Filing Date</li> </ul>	:F02B29/08 :13/626716 :25/09/2012 :U.S.A. :PCT/US2013/058701 :09/09/2013 :WO 2014/051974 :NA :NA :NA	(71)Name of Applicant:  1)ENGINETICS LLC Address of Applicant:1691 Michigan Avenue Suite 300 Miami Beach Florida 33139 U.S.A. (72)Name of Inventor: 1)HARRIS Roderick 2)LULL Joseph 3)WARNER Justin
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#### (57) Abstract:

An air charging system includes a valve providing access to an engine cylinder an accumulator coupled in flow communication with the valve and a controller operable to open and close the valve until a threshold pressure condition is reached in the accumulator. Compressed gases stored in the accumulator are used in a fuel delivery system to prepare a charge of fuel that is delivered to an engine.

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

(21) Application No.2888/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: TWO STEP METERING SOLENOID FOR FUEL ATOMIZER

(51) International classification	:F02M23/00,F02M61/00	(71)Name of Applicant:
(31) Priority Document No	:13/626693	1)ENGINETICS LLC
(32) Priority Date	:25/09/2012	Address of Applicant :1691 Michigan Avenue Suite 300
(33) Name of priority country	:U.S.A.	Miami Beach Florida 33139 U.S.A.
(86) International Application No	:PCT/US2013/058698	(72)Name of Inventor:
Filing Date	:09/09/2013	1)HUETTNER Thomas
(87) International Publication No	:WO 2014/051973	2)LULL Joseph
(61) Patent of Addition to Application	:NA	3)WARNER Justin
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

A metering system for a fuel atomizer includes a housing first and second metering members and at least one solenoid. The housing includes a mixing chamber. The first metering member is operable to control flow of oxidizer to the mixing chamber. The second metering member is arranged coaxial with the first metering member and operable to control flow of fuel to the mixing chamber. The at least one solenoid is configured to operate at least one of the first and second metering members.

No. of Pages: 50 No. of Claims: 19

(21) Application No.2740/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: TURBOMACHINE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:06/10/2010 :WO 2011/042696 :NA :NA	(71)Name of Applicant: 1)CUMMINS LTD. Address of Applicant:ST. ANDREWS ROAD, HUDDERSFIELD HD1 6RA (GB) U.K. (72)Name of Inventor: 1)MCEWEN, JAMES, ALEXANDER 2)DENHOLM, TIM
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A variable geometry turbine comprises a turbine wheel mounted for rotation about a turbine axis within a housing, the housing defining an annular inlet surrounding the turbine wheel and defined between first and second inlet sidewalls; and a cylindrical sleeve axially movable across the annular inlet to vary the size of a gas flow path through the inlet; wherein the annular inlet is divided into at least two axially offset inlet passages which axially overlap.

No. of Pages: 75 No. of Claims: 10

(22) Date of filing of Application :29/03/2012

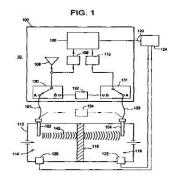
(43) Publication Date: 11/09/2015

# (54) Title of the invention : DETERMINING THE LOAD OF A DIESEL PARTICULATE FILTER FROM ITS RADIO FREQUENCY TRANSMISSION LOSS USING A SWITCHABLE REFERENCE LOOPBACK PATH FOR TEMPERATURE COMPENSATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:06/08/2010 :WO 2011/041023 :NA :NA :NA	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)DAVENPORT, DAVID MICHAEL 2)LOFGREN, JOHN
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method and apparatus for determining the attenuation of an RF signal caused by a DPF at an unknown or different ambient temperature than the temperature used for DPF sensor calibration is disclosed. The method and apparatus determine the sensor attenuation just prior to determining the DPF attenuation by disconnecting the antennas and determining the attenuation of a loopback path. This sensor attenuation can then be deducted from the attenuation determined for the normal path that includes the attenuation caused by the loopback path, the cables, and the DPF. This method compensates for variation in the attenuation of the sensor caused by changes in ambient temperature of the sensor. Further temperature compensation is be achieved by determining additional factors to account for variations caused by changes in ambient temperature.



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

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SECURE AND LOSSLESS DATA COMPRESSION

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:12306230.9	1)ALCATEL LUCENT
(32) Priority Date	:09/10/2012	Address of Applicant :3 Avenue Octave Greard, F-75007 Paris
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2013/069581	(72)Name of Inventor:
Filing Date	:20/09/2013	1)DENHEZ, Alain;
(87) International Publication No	:WO 2014/056703	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method for compressing a string of characters, initially defined by an original ordered sequence of characters each represented by an absolute number uniquely representing each character, according to an absolute coding table, comprising the steps of: - parsing said original sequence into at least one first type sub \(^\seq\) sequence comprising contiguous characters, each of the contiguous characters of the first type sub -sequence being selected based on a matching character in a relative coding table (20), and, into at least one second type sub -sequence comprising remaining contiguous characters, - coding each first type sub -sequence using said relative coding table (20),- representing each character from each second type sub- sequenceby its absolute representing number from said absolute coding table. A corresponding method for decompressing a compressed sequence.

No. of Pages: 51 No. of Claims: 26

(22) Date of filing of Application :06/04/2015

(43) Publication Date: 11/09/2015

# (54) Title of the invention : METHOD AND DEVICE FOR LATENCY TIME OPTIMIZATION DURING A DISTANCE MEASUREMENT BY MEANS OF A PLURALITY OF SENSORS

<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>	:G01S15/93 :10 2012 218 280.2 :08/10/2012 :Germany :PCT/EP2013/066146 :01/08/2013 :WO 2014/056646 :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)KLOTZ, Albrecht; 2)HERING, Michael; 3)ISKE, Burkhard; 4)HOLTMANN, Tanja; 5)URBAN, Werner;
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## (57) Abstract:

The invention relates to a method and a device by means of which the latency time during distance measurements by means of a plurality of sensors can be reduced in that, in response to a predefined evaluation result, a preset receiving sequence is deviated from in that signals are received from the sensor environment by means of a sensor other than that which is specified according to the preset receiving sequence.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: BEARING FOR WHEEL, AND BEARING DEVICE FOR WHEEL

(51) International :B60B35/14,F16C19/18,F16C35/073 classification

(31) Priority Document No :2012238888 (32) Priority Date :30/10/2012

(33) Name of priority :Japan

country (86) International

:PCT/JP2013/076475 Application No

:30/09/2013 Filing Date

(87) International Publication: WO 2014/069137

(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)NTN CORPORATION

Address of Applicant: 3-17, Kyomachibori 1-chome, Nishi-

ku, Osaka- shi .Osaka 5500003 Japan

(72) Name of Inventor: 1)MOCHINAGA Shuii 2)NORIMATSU Takayuki

## (57) Abstract:

A bearing device for a wheel is provided with a bearing (20) for a wheel the bearing (20) comprising: an outer ring (5) which has double row outer raceway surfaces (13, 14) formed on the inner periphery thereof; a hub ring (1) and an inner ring (2) which have double- row inner raceway surfaces (7, 8) formed on the outer peripheries thereof and facing the double- row outer raceway surfaces (13, 14); and rolling bodies (3, 4) which are arranged in double rows between the outer raceway surfaces (13, 14) of the outer ring (5) and the inner raceway surfaces (7, 8) of both the hub ring (1) and the inner ring (2). The stem (30) of the outer joint member (24) of a constant velocity universal joint (6) is fitted into the shaft hole of the hub ring (1) thereby joining the constant velocity universal joint (6) to the bearing (20) for a wheel by a thread fastening structure (M). The shaft hole (38) which has a circular cylindrical shape is provided in the hub ring (1) so as to penetrate therethrough in the axial direction. Grooves (39) which are fitted with interference to the ridges (37) of the stem (30) of the outer joint member (24) are formed by broaching in the shaft hole (38) of the hub ring (1). The stem (30) of the outer joint member (24) is press-fitted into the shaft hole of the hub ring (1), transferring the shape of the ridges (37) to the shaft hole, and as a result, a ridge-groove fitting structure in which the entire fitting contact portion of each of the ridges (37) and the entire fitting contact portion of a corresponding one of the grooves (39) are in close contact with each other is configured.

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

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: COMPOUNDS AND COMPOSITIONS AS TLR ACTIVITY MODULATORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:C07D 471/04 :61/239,217 :02/09/2009 :U.S.A. :PCT/US2010/047587 :01/09/2010 :WO 2011/049677 :NA :NA :NA	(71)Name of Applicant: 1)IRM LLC Address of Applicant:131 FRONT STREET, P.O. BOX HM 2899, HAMILTON, HM LX, BERMUDA Bermuda 2)NOVARTIS AG (72)Name of Inventor: 1)CORTEZ ALEX 2)LI YONGKAI 3)SINGH MANMOHAN 4)SKIBINSKI DAVID 5)WU TOM YAO-HSIANG 6)YUE KATHY 7)ZHANG XIAOYUE
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## (57) Abstract:

The invention provides a novel class of compounds, immunogenic compositions and pharmaceutical compositions comprising such compounds and methods of using such compounds to treat or prevent diseases or disorders associated with Toll-Like Receptors 7. In one aspect, the compounds are useful as adjuvants for enhancing the effectiveness of a vaccine.

No. of Pages: 187 No. of Claims: 21

(21) Application No.2818/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SOLID ORAL COMPOSITION CONTAINING DYES FOR USE IN ENDOSCOPIC DIAGNOSIS

(51) International classification :A61K49/00,A61K9/16,A61K9/20 (71)Name of Applicant :

(31) Priority Document No :12189206.1 (32) Priority Date :19/10/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/070060

:26/09/2013 Filing Date

(87) International Publication :WO 2014/060199

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

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

1)COSMO TECHNOLOGIES LTD.

Address of Applicant : Connolly Building, 42- 43 Amiens

Street, Dublin 1 Ireland (72)Name of Inventor: 1)MORO, Luigi;

2) REPICI, Alessandro;

(57) Abstract:

Herein described are solid oral compositions of dyes for use in diagnostic endoscopy, preferably colon endoscopy.

No. of Pages: 41 No. of Claims: 42

(22) Date of filing of Application :06/04/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR EVALUATING ABSORBENCY OF AN ABSORBENT ARTICLE

(51) International :A61F13/84,G01M99/00,G01N15/08 classification

(31) Priority Document No :61/713799 (32) Priority Date :15/10/2012 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2013/064796 Application No

:14/10/2013 Filing Date

(87) International

:WO 2014/062550 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 PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza,

Cincinnati, Ohio 45202 U.S.A.

(72) Name of Inventor:

1)AGAMI, Sion: 2) DUNAWAY, Connie, Michelle;

3) ROMEU, Amanda, Marie;

## (57) Abstract:

A method of evaluating the absorbency of an absorbent article comprises the steps of: (i) providing an absorbent article comprising a topsheet and having a longitudinal axis, a transverse axis, a first longitudinal end and a second longitudinal end; (ii) disposing the absorbent article in a flat configuration in a plane defined by the longitudinal axis and the transverse axis of the absorbent article; (iii) twisting the longitudinal ends in opposite directions in planes perpendicular to the longitudinal axis; (iv) twisting the longitudinal ends in directions opposite that of step (iii); (v) applying artificial bodily fluid to the topsheet of said absorbent article during steps (iii) and/or (iv); and (vi) repeating steps (iii) and (iv) after the artificial bodily fluid is applied to the topsheet.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD ,AND PROGRAM

(51) International classification :H04N7/18,G08B25/00 (71)Name of Applicant : (31) Priority Document No 1)NEC CORPORATION :2012231086 (32) Priority Date Address of Applicant: 7-1, Shiba 5-chome, Minato-ku :18/10/2012 (33) Name of priority country Tokyo 1088001 Japan :Japan (86) International Application No :PCT/JP2013/071951 (72)Name of Inventor: Filing Date :15/08/2013 1)YUSUKE TAKAHASHI (87) International Publication No :WO 2014/061342 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

[Problem] To provide an information processing system, information processing method, and a program that are capable of appropriately predicting an image captured by a video camera by which a moving body captured by another video camera will be captured next, when tracking a human by a plurality of video cameras. [Solution] The information processing system comprises: an intra-view- angle human position acquiring unit (110) for identifying a moving direction of a moving body in an image captured by a first video camera among a plurality of video cameras; and a frame- in probability calculation/sorting unit (150) for, based on the moving direction of the moving body in the image captured by the first video camera, predicting one or more second video cameras by which the moving body in the image captured by the first video camera will be captured next with higher possibility than the other video cameras in the plurality of video cameras.

No. of Pages: 29 No. of Claims: 7

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 11/09/2015

(54) Title of the invention: DISINTEGRATING PARTICLE COMPOSITION CONTAINING ACID-TYPE CARBOXYMETHYLCELLULOSE AND CRYSTALLINE CELLULOSE, AND ORALLY DISINTEGRATING TABLET CONTAINING SAID COMPOSITION

(51) International

:A61K47/38,A61K9/20,A61K47/26 classification

(31) Priority Document No :2012206897 (32) Priority Date :20/09/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/074823

:13/09/2013 Filing Date

(87) International Publication :WO 2014/046035

(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)DAICEL CORPORATION

Address of Applicant: Mainichi Intecio., 4-5, Umeda 3chome, Kita -ku ,Osaka- shi, Osaka 5300001 Japan

(72) Name of Inventor:

1)TAKAHIRO HIRAMURA

2)KIYOSHI IKURA 3)SAE ISHIKAWA

4)TOMOHITO OKABAYASHI

5)NAOHIRO HASHIKAWA

6)TETSURO MORITA 7)KIMIKO IKEDA

## (57) Abstract:

The purpose of the present invention is to provide: an orally disintegrating tablet having excellent tablet hardness and disintegrating properties; an orally disintegrating tablet containing the disintegrating particle composition; and others. The present invention relates to: a disintegrating particle composition comprising four components i.e., a first disintegrant component that comprises an acid -type carboxymethylcellulose, a second disintegrant component that is different from an acid-type carboxymethylcellulose, an excipient that comprises a sugar or a sugar alcohol, and a crystalline cellulose; an orally disintegrating tablet comprising the disintegrating particle composition and a medicinal component; and others.

No. of Pages: 38 No. of Claims: 4

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ASSEMBLED POLE PART WITH POLE PART FRAME

(51) International classification	:H01H33/666	(71)Name of Applicant:
(31) Priority Document No	:12007146.9	1)ABB TECHNOLOGY AG
(32) Priority Date	:15/10/2012	Address of Applicant : Affolternstrasse 44, CH -8050 Z1/4rich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2013/003081	(72)Name of Inventor:
Filing Date	:14/10/2013	1)HYRENBACH, Maik
(87) International Publication No	:WO 2014/060086	2)SAUER, Manfred
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to an assembled pole part with two pole part frames (2, 3) made of insulating material, between which a vacuum interrupter (1) is mounted, and that the vacuum interrupter is applied with a fixed contact and a moving contact, so that at one end of the frame is applied with a support (21) in order to fix the vacuum interrupter at the moving contact side, and fixation means (10, 11, 12) for the fixed contact side at the other end of the frame. In order to apply common pole part frames for different vacuum interrupter sizes, the invention is, that at least two fixation means or fixation points (10, 11, 12) are arranged pairwise in parallel along different distances to each along the long axis of the frame, wherein the second support is the fixation means for the fixed contact side of the vacuum interrupter, in order be able to use one uniform constructed frame design for different vacuum interrupter lengths, in that way, that independent of the used vacuum interrupter length the moving contact fixation support keeps at the same fixation position (21). Alternatively, support plates (20) of different thicknesses may be used.

No. of Pages: 11 No. of Claims: 10

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: TENSIONER

(51) International classification	:F16H7/12	(71)Name of Applicant:
(31) Priority Document No	:13/659422	1)GATES CORPORATION
(32) Priority Date	:24/10/2012	Address of Applicant :(a Delaware corporation), 1551
(33) Name of priority country	:U.S.A.	Wewatta Street, IP Law Dept. 10- A3, Denver, Colorado 80202
(86) International Application No	:PCT/US2013/064638	U.S.A.
Filing Date	:11/10/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/066070	1)WARD, Peter
(61) Patent of Addition to Application	:NA	2)BERNERT, Eva
Number	:NA	3)HAENBEUKERS ,Casper
Filing Date	.11/1	4)HARVEY, John ,T.
(62) Divisional to Application Number	:NA	5)LACY, Fraser
Filing Date	:NA	

#### (57) Abstract:

A tensioner comprising a base, a shaft connected to the base, an eccentric adjuster coaxially engaged with the shaft, an arm pivotally engaged with the shaft, a pulley journalled to the arm, a torsion spring engaged between the arm and the base, the arm comprising a first receiving portion and a second receiving portion disposed axially opposite from the first receiving portion a first damping member disposed between the arm and the base, the first damping member frictionally engaged with the base and engaged with first receiving portion, a second damping member disposed between the arm and the eccentric adjuster having a member engaged with the second receiving portion, and a biasing member disposed between the first damping member and the arm for applying a normal force to the first damping member and to the second damping member.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CONTINUOUS METHOD FOR PRODUCING POLYAMIDE 6 AND DEVICES 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</li> </ul>	:14/10/2013 :WO 2014/063945 :NA :NA	(71)Name of Applicant:  1)UHDE INVENTA- FISCHER GMBH Address of Applicant: Holzhauser Str. 157- 159 13509 Berlin Germany (72)Name of Inventor: 1)JANZI, Viktor
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to a method for the continuous production of textile polyamide 6 from e -caprolactam using oligomer - containing lactam fed back from the extraction stages. In the method according to the invention , the extract water from a continuous evaporation stage is treated in a targeted manner over several stages. The extract water is concentrated by evaporation of excess water, the ring -opening and polyaddition reactions are started and the oligomers are decomposed , such that an oligomer fraction of no more than 0.7 % by weight is achieved after the addition of fresh lactam and additives at the end of the third stage. Then the polymer/caprolactam and additive mixture is fed to the final polymerisation reactor (VC tube). It is important here that the starting oligomer content at the inlet of the VC tube is well below the equilibrium value of approx. 0.85 % by weight. The oligomer content in the VC tube thus builds up during the main polycondensation reaction to a value of 0.65 % by weight in the final polymer. The invention further relates to a device for carrying out a method of this type and to the use of polyamide 6 produced in this manner for POY filaments.

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

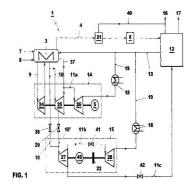
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: POWER PLANT FOR CO2 CAPTURE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:09171636.5 :29/09/2009 :EPO	(71)Name of Applicant:  1)ALSTOM TECHNOLOGY LTD  Address of Applicant:BROWN BOVERI STRASSE 7, CH- 5400 BADEN, SWITZERLAND Switzerland (72)Name of Inventor:  1)LI HONGTAO  2)KJELLBERG TOBIAS 3)HOFFMANN JUERGEN 4)DROUX FRANCOIS
Number		

#### (57) Abstract:

Since CO2 is identified as a main greenhouse gas, its capture and storage is essential to control global warming. Increased competitiveness of power plants designed for CO2 capture and compression, retrofit ready power plants including efficient ways to retrofit power plants to CO2 capture plants will allow earlier utilization of CO2 capture systems (12). The objective of the present invention is to provide a fossil fired power plant (1,2) with increased operational flexibility, which allows operation with high efficiency when a steam is extracted for the operation of a CO2 capture system (12) as well as when the CO2 capture system (12) is not operating and no steam is extracted. Further, a method to operate this kind of plant (1, 2) is an objective of the invention. An additional objective is to provide a power plant, (1, 2) which is prepared for future retrofit of a CO2 capture system (12) and is already provided with a steam cycle capable of operation with high efficiency with or without steam extraction. One main aspect of the invention is to provide a water steam cycle with two steam turbine arrangements (14, 15), one for continuous operation independent of CO2 capture operation, and one which can at least partially be shut down during CO2 capture operation.



No. of Pages: 26 No. of Claims: 16

(21) Application No.2707/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PRODUCTION OF SOLAR MODULES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:30/09/2010 :WO 2011/039299 :NA :NA	(71)Name of Applicant:  1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)HUBERT EHBING 2)GUNTHER STOLL WERCK
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to a method for the production of solar modules, in which air inclusions are prevented.

No. of Pages: 25 No. of Claims: 9

(21) Application No.2878/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SEMICONDUCTOR DEVICE, CERAMIC CIRCUIT BOARD, AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD

(51) International :H01L21/52,H01L23/36,H01L25/07

classification

(31) Priority Document No :2012224257 (32) Priority Date :09/10/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/077217

No :07/10/2013 Filing Date

(87) International Publication: WO 2014/057902

(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)MITSUBISHI MATERIALS CORPORATION

Address of Applicant: 3-2, Otemachi 1-chome, Chiyoda-ku,

Tokyo 1008117 Japan (72) Name of Inventor: 1)NISHIMOTO, Shuji

2)NAGATOMO, Yoshiyuki 3)NAGASE, Toshiyuki

(57) Abstract:

A semiconductor device (1) of the present invention is provided with a circuit layer (12) formed of a conductive material, and a semiconductor element (3) mounted on the circuit layer (12). On one surface of the circuit layer (12), a base layer (31) having a porosity within a range of 5-55 % is formed, and on the base layer (31), a bonding layer (38) is formed, said bonding layer being formed of a fired body of a bonding material containing metal particles and/or metal oxide particles, and an organic material. The circuit layer (12) and the semiconductor element (3) are bonded to each other with the base layer (31) and the bonding layer (38) therebetween.

No. of Pages: 42 No. of Claims: 4

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS FOR PREPARING A STABILIZED PROTEIN SUSPENSION

(51) International classification	:A23C9/13,A23C9/137	(71)Name of Applicant:
(31) Priority Document No	:61/701578	1)CP KELCO APS
(32) Priority Date	:14/09/2012	Address of Applicant : Ved Banen 16 Lille DK 4623 Skensved
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2013/069008	(72)Name of Inventor:
Filing Date	:13/09/2013	1)BJERRUM, Klaus, Stegler; Faeroevej,
(87) International Publication No	:WO 2014/041122	2)LOHMANN, Tina, Benne
(61) Patent of Addition to Application Number	:NA :NA	3)ROLIN, Claus;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Processes are provided for preparing acidified milk drinks having improved stability. In an aspect the process involves adding an aqueous stabilizer solution including an HM pectin and one or more sequestrants to an acidified milk product to produce the acidified milk drink. The one or more sequestrants desirably are present in the aqueous stabilizer solution in an amount that is stoichiometrically greater than the concentration of calcium ions present in the acidified milk drink in an amount that is stoichiometrically less than the concentration of calcium ions in the acidified milk drink. The resulting acidified milk drink is characterized as a stable optically opaque drinkable product.

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

(21) Application No.2967/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: COMPONENT DEPOLYMENT 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>	:14/198,126 :05/03/2014 :U.S.A. :NA :NA : NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method and apparatus for deploying a group of panels. An apparatus comprises a group of panels in a folded configuration against a side of a 5 spacecraft, a group of flexible members connected to the group of panels, and an interface system associated with the group of panels and the group of flexible members. The interface system is configured to move the group of panels from the folded configuration to a deployed configuration when the group of flexible members is extended from the spacecraft.

No. of Pages: 86 No. of Claims: 15

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: WIDTH- ALTERING SYSTEM FOR STRIP -SHAPED ROLLED 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 Filing Date</li> </ul>	:B21B37/16 :10 2012 218 353.1 :09/10/2012 :Germany :PCT/EP2013/069240 :17/09/2013 :WO 2014/056681 :NA :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 M¹/anchen Germany (72)Name of Inventor: 1)GRSS, Ansgar 2)JUNGBAUER, Andreas 3)LINSBOD, Robert 4)BURGER, Rainer
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#### (57) Abstract:

The invention relates to a method for altering the width of a strip -shaped rolled material (5), in particular before hot rolling, during hot rolling or after hot rolling the rolled material in a hot rolling mill. The problem addressed by the invention is to specify a method for altering width, by means of which the length of a rolled out transition piece lying outside the width tolerances can be reduced. Scrap losses are supposed be reduced thereby. This problem is solved in that the crown of at least one working roll and/or at least one backing roll of a stand (7) is set as a function of a width error e = B - B between a setpoint width Bsetp and the width B of the rolled material (5), wherein the crown is increased when e > 0 and the crown is reduced when e < 0. AA Rcrown BB Bsetp

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

(21) Application No.2831/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

# (54) Title of the invention: PRODUCTION METHOD OF POLYOLEFIN, POLYOLEFIN AND 1-HEXENE FOR LINEAR LOW DENSITY POLYETHYLENE PRODUCTION RAW MATERIAL

(51) International classification :C08F2/44 (31) Priority Document No :2006-351967 (32) Priority Date :27/12/2006 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2007/071832 (72)Name of Inventor : Filing Date :09/11/2007

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

Filing Date (62) Divisional to Application Number :4231/DELNP/2009 Filed on :25/06/2009

(71)Name of Applicant:

1)MITSUBISHI CHEMICAL CORPORATION

Address of Applicant: 14-1, Shiba 4-chome, Minato-ku, Tokyo

108-0014, Japan Japan

1)Hiroki EMOTO

2) Kazuyuki YOKOYAMA

3)Takashi MONOI

4)Kazuhiro YAMAMOTO

#### (57) Abstract:

A method and system that includes a processor of a surveillance system detecting identification of a portion of a secured area via a drawing made by an operator on a graphical representation of the secured area, the processor identifying at least one camera within the identified portion of the secured area, the processor increasing a relative level of picture quality for each of the at least one camera and the processor recording video with the increased level of picture quality from each of the identified at least one camera for a predetermined time period where the picture quality is increased by performing one or more of increasing image resolution, increasing frames per second, decreasing a group of pictures (GOP) value, decreasing a compression ratio and increasing a bit rate.

No. of Pages: 47 No. of Claims: 2

(21) Application No.2832/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: A CONNECTOR

(51) International classification :E04B1/38,E04C2/00,E04D3/36 (71)Name of Applicant :

(31) Priority Document No :2012904293 (32) Priority Date :02/10/2012

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2013/001095

Filing Date :25/09/2013 (87) International Publication No: WO 2014/053004

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

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)CSR BUILDING PRODUCTS LIMITED

Address of Applicant: Triniti 339, Delhi Road, North Ryde,

New South Wales 2113 Australia

(72) Name of Inventor: 1)DALLA. Salim:

2)ZABIB, Steve;

#### (57) Abstract:

A connector in the form of a modified top hat section for securely attaching a building panel to a support member is provided with a guide to assist in accurately locating the fasteners used to attach the connector to the support member with respect to the support member and to guide movement of the fastener as the fastener is rotatingly driven through the connector into the support member to maintain the correct orientation of the fastener to securely attach the connector to the support member. The guide can have a multitude of different forms such as holes, perforations, slots, notches, grooves, lines of weakness and be continuous or in spaced apart relationship to each other. The advantage of the guide is to reduce installation time and effort as well as allowing the top hat section to be securely attached to the support by the fastener having clearance between the strengtheners of the connector and the tapering side wall.

No. of Pages: 31 No. of Claims: 23

(22) Date of filing of Application :04/02/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: GALVANIZED METAL OBJECTS AND THEIR MANUFACTURING PROCESS

(51) International classification	:c23c	(71)Name of Applicant:
(31) Priority Document No	:14157634.8	1)FONTAINE HOLDINGS NV
(32) Priority Date	:04/03/2014	Address of Applicant: Centrum Zuid 2037, 3530 Houthalen,
(33) Name of priority country	:EUROPEAN	Belgium Belgium
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)LARS BAUMGRTEL
Filing Date	:NA	2)MICHAEL RAHLKE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

This invention provides process for manufacturing a galvanized metal three-dimensional object with a shape including multiple edges, said process comprising, in the following order, the steps of: (A) providing and cutting a metal sheet matrix with a thickness within a range from 0.8 mm to 6 mm, the shape of said metal sheet matrix including multiple free edges, (B) batch-wise hot dipping said metal sheet matrix into a molten zinc alloy galvanizing bath, (C) cold-forming the galvanized metal sheet matrix into a desired three-dimensional shape including multiple adjacent metal edges, and (D) cold-forming a series of joining points for fastening together said multiple adjacent metal edges, to form said galvanized metal three-dimensional object.

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

(21) Application No.2733/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: COMPOSITE MOLDED ARTICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:16/09/2010 :WO 2011/045895 :NA :NA	(71)Name of Applicant:  1)AISIN SEIKI KABUSHIKI KAISHA Address of Applicant:1, ASAHI-MACHI 2-CHOME, KARIYA-SHI, AICHI 448-8650, JAPAN Japan (72)Name of Inventor: 1)ASO TOSHIHIRO 2)UCHIMI AKIRA 3)KUME YASUHIRO 4)TSURUGA TOSHIYUKI
Number		

#### (57) Abstract:

Provided is a composite molded article which can increase resistance to peeling at an interface and suppress excessive peeling of a fiber-reinforced polymer material portion even when thermal shock is repeatedly applied. The composite molded article comprises a metal member using metal as a base material and having a surface; and a fiber-reinforced polymer material portion coated on at least part of the surface of the metal member and having a polymer material as a matrix and a plurality of reinforcing fibers for reinforcing the matrix. The surface of the metal member has a plurality of projections juxtaposed regularly or randomly at a pitch distance greater than diameters of the reinforcing fibers. The respective facing projections form enterable spaces which part of the matrix enters and at least part of the reinforcing fibers can enter.

No. of Pages: 84 No. of Claims: 8

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MECHANISM FOR OPERATIVELY ASSOCIATING FRONT AND REAR BRAKES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:27/12/2013 :WO 2014/129090 :NA :NA	(71)Name of Applicant:  1)AKEBONO BRAKE INDUSTRY CO LTD.  Address of Applicant:19 -5, Nihonbashi Koami -cho, Chuo -ku, Tokyo 103-8534 Japan (72)Name of Inventor:  1)NAKAMURA Hiroaki
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A front wheel link (24) has a first support section (24a) which serves as a rotation base point, a cable connection section (24b), and a first cam section (24c), and the rotation of the front wheel link (24) about the first support section (24a) pulls a front wheel brake operating cable (40). A rear wheel link (26) has a second support section (26a) which serves as a rotation base point, an operating means connection section (26b), and a second cam section (26c), and the rear wheel link (26) pulls a rear wheel brake operating means (46). The movement of the second support section (26a) causes the second cam section (26c) to press the first cam section (24c), and as a result, the front wheel link (24) is rotated.

No. of Pages: 43 No. of Claims: 9

(21) Application No.2813/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD FOR OPERATING A CRANE, AND CRANE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:18/09/2013 :WO 2014/044391 :NA :NA	(71)Name of Applicant:  1)LIEBHERR- WERK BIBERACH GMBH Address of Applicant: Memminger Strasse 120, 88400 Biberach an der Ri Germany (72)Name of Inventor: 1)ASSFALG, Martin;
Filing Date	:NA :NA	

## (57) Abstract:

The invention relates to a method for operating a crane having a luffing crane jib and a trolley which can be displaced on the crane jib, wherein the crane can be operated, on the one hand, in a luffing mode and, on the other hand, in a trolley mode. According to the invention the switch between a luffing mode and a trolley mode takes place by virtue of the hoist-rope reeving being altered. The invention also relates to such a crane for implementing the method.

No. of Pages: 19 No. of Claims: 13

(21) Application No.2814/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: METHOD FOR MANUFACTURING DIFLUORO ESTER COMPOUND

:C07D307/77,C07D405/06 (71)Name of Applicant : (51) International classification (31) Priority Document No :2012236261 (32) Priority Date :26/10/2012 (33) Name of priority country :Japan (86) International Application No :PCT/JP2013/078871

Filing Date :24/10/2013 (87) International Publication No :WO 2014/065382

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

(61) Patent of Addition to Application

1)ASAHI GLASS COMPANY ,LIMITED

Address of Applicant: 5-1, Marunouchi 1 -chome, Chivoda-

ku ,Tokyo 1008405 Japan (72)Name of Inventor: 1) ISHIBASHI, Yuichiro 2)MATSUMURA, Yasushi

(57) Abstract:

Provided is a high- yield, high- selectivity method for manufacturing a difluoro compound without generating poorly soluble byproducts. An ester compound represented by formula (1) is reacted with an electrophilic fluorinating agent in the presence of a basic compound but not a metal- compound reactant, thereby fluorinating said ester compound and yielding a difluoro ester compound represented by formula (2). (In the formulas R1 and R2 have the meanings given in claim 1.)

No. of Pages: 33 No. of Claims: 13

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A PROCESS FOR THE SYNTHESIS OF CURCUMIN ENCAPSULATED POLYMERIC MICELLES FOR THE TREATMENT OF BRAIN DISEASES

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JAMIA HAMDARD,HAMDARD UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :Hamdard Nagar, New Delhi-110062,
(33) Name of priority country	:NA	India Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MOHM. SAMIM
(87) International Publication No	: NA	2)AMARNATH MAITRA
(61) Patent of Addition to Application Number	:NA	3)SABA NAQVI
Filing Date	:NA	4)FAKRUL ISLAM
(62) Divisional to Application Number	:NA	5)GULRANA KHWAJA
Filing Date	:NA	

#### (57) Abstract:

A process for the synthesis of curcumin encapsulated polymerlc micelles for the treatment of Brain Diseases comprising dissolving monomers of (N-isopropyl acryl amide ) NIPMM and vinyl - pyrrolidone (VP) in water in presence of nitrogen, adding methylene, bis(acrylamide) (MBA) to the aqueous solution of monomers, subjecting the aqua mixture to the step of polymerization, dialyzing the polymeric aqueous solution, lyophilizing the dialyzed solution to produce dry powder, subjecting the lyophilized powder to the step of drug loading coating the dry loading coating lyophilized dry powder with polysorbate 80.

No. of Pages: 33 No. of Claims: 9

(21) Application No.2712/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SURGICAL HANDPIECE FOR ENDOSCOPIC RESECTION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A61B 17/16 :61/247,722 :01/10/2009 :U.S.A. :PCT/US2010/050875 :30/09/2010 :WO 2010/041520 :NA :NA :NA	(71)Name of Applicant:  1)SMITH & NEPHEW. INC.  Address of Applicant:1450 EAST BROOKS ROAD,  MEMPHIS, TN 38116, UNITED STATES OF AMERICA U.S.A.  (72)Name of Inventor:  1)MERLE I AUCLAIR JR  2)PAUL ROBERT DUHAMEL  3)GEORGE MIHALCA  4)YURI E KAZAKEVICH  5)PAUL C YOUNG
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#### (57) Abstract:

The present disclosure relates to a surgical handpiece including an insert removably coupled to the handpiece, wherein the insert is configured to allow aspiration of fluid and tissue through the insert during a surgical procedure. Other surgical handpieces and a method for the removal of tissue during an endoscopic procedure are also disclosed.

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

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: 'PYRIMIDINE DERIVATIVES AS PROTEIN TYROSINE KINASE 2 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</li> </ul>		(71)Name of Applicant:  1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH  Address of Applicant:BINGER STASSE 173, 55216 INGELHEIM AM RHEIN, GERMANY Germany (72)Name of Inventor:
Filing Date (87) International Publication No	:01/10/2010 :WO 2011/029344	1)HEINZ STADTMUELLER 2)IOANNIS SAPOUNTZIS
(61) Patent of Addition to Application Number Filing Date	:NA :NA	ZJOZIVIAO DIA GOLVIZIO
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention encompasses compounds of general formulae (1a) and (1b) wherein the groups R1 to R5, A, Q, m, n, p and q are defined as in claim 1, which are suitable for the treatment of diseases-characterised by excessive or abnormal cell proliferation, and their use as medicaments.

No. of Pages: 89 No. of Claims: 17

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FORMULATIONS OF ENZALUTAMIDE

(51) International classification	:C07D233/86,A61K31/4164,A61P35/00	(71)Name of Applicant:  1)MEDIVATION PROSTATE THERAPEUTICS INC. Address of Applicant: 525 Market Street, 36th Floor, San
(31) Priority Document No	:61/699351	Francisco, California 94105 U.S.A.
(32) Priority Date	:11/09/2012	2)BEND RESEARCH 3)ASTELLAS PHARMA INC.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2013/059223 :11/09/2013	1)LORENZ, Douglas Alan; 2)KONAGURTHU, Sanjay; 3)WALD, Randy J.;
Filing Date (87) International Publication No	:WO 2014/043208	4)EVERETT, Jason A.; 5)MATZ,Sheila;
(61) Patent of Addition to Application Number	O:NA :NA	6)TAKAISHI, Yuuki; 7)SAKAI, Toshiro; 8)IRIE, Ryousuke;
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	9)OBA, Shinsuke; 10)TOYOTA, Hiroyasu; 11)NISHIMURA, Koji; 12)KANBAYASHI, Atsushi;

# (57) Abstract:

No. of Pages: 100 No. of Claims: 95

This disclosure provides formulations of enzalutamide and their use for treating hyperproliferative disorders.

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PROCESS FOR THE PREPARATION OF VORICONAZOLE AND ANALOGUES THEREOF

:C07D403/06,C07D239/30 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)PFIZER IRELAND PHARMACEUTICALS :61/713761 (32) Priority Date Address of Applicant : Operations Support Group, :15/10/2012 (33) Name of priority country Ringaskiddy, County Cork Ireland :U.S.A. (72) Name of Inventor: (86) International Application No :PCT/IB2013/059202 Filing Date :08/10/2013 1)BURRELL, Adam, James, Musgrave; (87) International Publication No :WO 2014/060900 2)O'NEILL, Padraig, Mary; (61) Patent of Addition to Application 3)PETTMAN, Alan, John; :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

# (57) Abstract:

The present invention provides a process for preparing a compound of formula: (Formula XI and XII) (XI) (XII) wherein X, Y, Z, A, B and E are as defined herein, by reacting a compound of formula: (Formula XIII) (XIII) with a compound of formula: (Formula XIV and XV) (XIV) (XV) respectively, in the presence of a transition metal catalyst, a ligand suitable for use with 15 the catalyst and a reducing agent. The invention also provides novel intermediates.

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

(21) Application No.614/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS FOR MAKING ECO-COLOURS

<ul> <li>(51) International classification</li> <li>(31) 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>	:B05D :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Indian Council of Agricultural Research (ICAR) Address of Applicant: Krishi Bhavan, New Delhi Delhi India (72)Name of Inventor: 1)Dr. Anne Sharada Devi
<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:

An eco-friendly process for making eco friendly holi colour from plant sources, wherein the said process comprises the steps of the grinding of cleaned parts of plant material to a fine powder essentially to a size below 50 mesh, mixing the fine powder with water in a ratio of about 1:5, boiling the solution, separating the pigment solution from the plant material, allowing the solution to get concentrated, depending upon the light or dark colour required, by removing water, followed by mixing with other natural pigments based on the hue, thoroughly mixing with the of food grade variety of plant based powder like maize starch, drying the mixture thoroughly under shade, and grinding to make it a fine powder, followed by sieving to get fine dry eco- friendly colour powder.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: GROUND REFUELING PANEL (GRP) FOR IJT.

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NA	3 (71)Name of Applicant: 1)ASERDC, HAL, ACCESSORIES DIVISION FAIZABAD ROAD LUCKNOW Address of Applicant: DGM (EQUIPMENT) ASERDC HINDUSTAN AERONAUTICS LIMITED FAIZABAD ROAD LUCKNOW-226016 Uttar Pradesh India (72)Name of Inventor: 1)G.K. JHA
Filing Date :NA (62) Divisional to Application Number :NA	1)Gill Gill
Filing Date :NA	

## (57) Abstract:

Ground Refueling Panel (GRP) is designed and developed for the use on Intermediate Jet Trainer (IJT) aircraft. It is used to control the Refueling/Defueling and monitoring the fuel status of the Fuselage tank, LH wing tank, RH wing tank, LH drop tank and RH drop tank on the ground. Each fuel tank is mounted with a fuel sensing probe / level switches which provides Low Level (L/L) and High Level (H/L) signals depending upon the fuel quantity available in the tank. The signals received from all the probes and the level switches mounted in the different tanks (i.e. Fuselage tank, RH wing tank, LH wing tank, RH drop tank and LH drop tank) are fed to respective logic circuit. The outputs of logic circuits are displayed by lamps which indicate the fuel level of individual tank. Three levels of fuel i.e. Empty, Not full and Full are displaced by Red, Amber and Green Lamps respectively.

No. of Pages: 4 No. of Claims: 6

(21) Application No.2872/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SYSTEM AND METHOD FOR PRODUCING A STRUCTURE WITH AN ELECTROSTATIC SPRAY

(51) International classification	:B05D1/00,B29C41/00,B05D1/04	(71)Name of Applicant:
(31) Priority Document No	:61/712764	1)FINISHING BRANDS HOLDINGS INC.
(32) Priority Date	:11/10/2012	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 Filing Date	:PCT/US2013/063932 :08/10/2013	<ul><li>(72)Name of Inventor:</li><li>1)MYERS, Steven Andrew;</li><li>2)COZART, Payton Xavier;</li></ul>
(87) International Publication No	:WO 2014/058913	
<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:

A system, including an electrostatic spray system, including an electrostatic tool configured to spray a material with an electrostatic charge, and a target with a surface finish greater than or equal to a number 4 mirror finish configured to receive a material sprayed by the electrostatic tool.

No. of Pages: 35 No. of Claims: 20

(21) Application No.2873/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

# (54) Title of the invention: RECOMBINANT MICROORGANISMS FOR PRODUCING ORGANIC ACIDS

<ul> <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> </ul>	:C12P1/04,C12N1/20,C12N15/63 :61/708998 :02/10/2012 :U.S.A. :PCT/US2013/063100 :02/10/2013 :WO 2014/055670	(71)Name of Applicant:  1)THE MICHIGAN BIOTECHNOLOGY INSTITUTE Address of Applicant: 3815 Technology Bulevard, Lansing ,MI 48910 -8121 U.S.A. (72)Name of Inventor: 1)GUETTLER, Michael; 2)HANCHAR, Robert; 3)KLEFF, Susanne; 4)JADHAV,Sanchin;
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

Recombinant microorganisms that co express enzymatic glucose- 6- phosphate dehydrogenase and malate dehydrogenase are generated to produce organic acids.

No. of Pages: 52 No. of Claims: 18

(21) Application No.643/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: NOSE DOOR JACK FOR SARAS AIRCRAFT

:A61F	(71)Name of Applicant:
:NA	1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
:NA	Address of Applicant :DGM (EQUIPMENT) ASERDC
:NA	HINDUSTAN AERONAUTICS LIMITED FAIZABAD ROAD
:NA	LUCKNOW-226016 Uttar Pradesh India
:NA	(72)Name of Inventor:
: NA	1)G C S NEGI
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

## (57) Abstract:

This device relates to Nose Door jack with application to lower and retract the Nose Undercarriage Door of the SARAS aircraft. Its main sub assemblies are Piston S/A, Eye End S/A, Fork End S/A and Shuttle Valve S/A built around Cylinder. Cylinder houses Piston S/A which has locking Claws, Piston and Locking Bush. Eye End S/A housing Locking Piston and Seal Carrier provides attachment to the fixed structure on aircraft through Spherical plain Bearings to cater for any misalignment while operation. Fork end Sub Assembly provides attachment to the movable undercarriage door. Shuttle Valve sub assembly to enable extension through hydraulic pressure under normal conditions and pneumatic pressure under emergency conditions. Undercarriage doors can be retained both in lowered and retracted condition through claw type internal locking arrangement in retracted and extended condition of the jack respectively.

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

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MULTIMEDIA CONTENT FILTERING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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)ALCATEL LUCENT Address of Applicant:3, Avenue Octave Grard 75007 Paris France (72)Name of Inventor: 1)RAJAPANDIYAN, Karthick 2)PANDURANGAN, Harikumar
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

## (57) Abstract:

A method comprising, receiving location information indicating a current location of the user from a user device (102) of the user. The method further comprising filtering multimedia information corresponding to multimedia content based on a location attribute corresponding to the current location for obtaining filtered multimedia information, wherein the location attribute indicates a filtering rule for filtration of the multimedia content. Further, the filtered multimedia information is provided to the user device (102) for availing filtered multimedia content, wherein the filtered multimedia information comprises data corresponding to the filtered multimedia content.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: FIXATION STRUCTURE FOR MOTOR SHAFT ELECTRIC VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(34) International Application No</li> <li>(35) Filing Date</li> <li>(37) International Publication No</li> <li>(38) International Publication No</li> <li>(39) International Publication No</li> <li>(30) Patent of Addition to Application Number</li> <li>(31) Filing Date</li> <li>(32) Pivisional to Application Number</li> <li>(33) Name of priority country</li> <li>(34) Pivisional Publication No</li> <li>(51) Patent of Addition to Application Number</li> <li>(52) Divisional to Application Number</li> <li>(53) Pivisional to Application Number</li> <li>(54) Pivisional to Application Number</li> <li>(55) NA</li> <li>(66) Divisional to Application Number</li> <li>(67) Pivisional to Application Number</li> <li>(68) Pivisional to Application Number</li> <li>(69) Divisional to Application Number</li> <li>(60) Pivisional to Application Number</li> <li>(61) Pivisional to Application Number</li> <li>(62) Divisional to Application Number</li> <li>(63) Pivisional to Application Number</li> <li>(64) Pivisional to Application Number</li> <li>(65) Pivisional to Application Number</li> <li>(66) Pivisional to Application Number</li> <li>(67) Pivisional to Application Number</li> <li>(68) Pivisional to Application Number</li> <li>(69) Pivisional to Application Number</li> <li>(70) Pivisional to Application Number</li> <li>(71) Pivisional to Application Number</li> <li>(72) Pivisional to Application Number</li> <li>(73) Pivisional to Appli</li></ul>	
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#### (57) Abstract:

A fixation structure for a motor shaft (50) of an electric vehicle is provided. The motor shaft (50) has, on opposite ends thereof, fastening portions (118L, 118R) for fastening the motor shaft (50) to a vehicle frame assembly by fastening members (140L, 140R), the fastening portions (118L, 118R) each having a pair of fastening surfaces (120L, 122L, 120R, 122R); the axle supports (46L, 46R) each have an engaging slot (204) defined therein which is open in a rearward direction of the vehicle frame assembly, the engaging slot (204) being complementary in shape to the fastening portions (118L, 118R) for preventing the motor shaft (50) from being rotated; and a stopper (54L, 54R) is disposed between the fastening member (140L, 140R) and the axle support (46L, 46R) thereby for preventing the fastening portion (118L, 118R) from being disengaged from the engaging slot (204), the stopper (54L, 54R) having a penetrating portion (208) through which the fastening portion (118L, 118R) is inserted and a first engaging portion (212) for engaging in a first fitting hole (210) defined in the axle support (46L, 46R).

No. of Pages: 65 No. of Claims: 7

(21) Application No.2842/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

## (54) Title of the invention: ONE-POT METHOD FOR THE SYNTHESIS OF CU-SSZ-13, THE COMPOUND OBTAINED BY THE METHOD AND USE THEREOF

(51) International :B01D53/94,B01J29/06,C01B39/48 classification

(31) Priority Document No :PA201200784 (32) Priority Date :12/12/2012

(33) Name of priority country: Denmark

(86) International Application :PCT/EP2013/075785

No :06/12/2013 Filing Date

(87) International Publication :WO 2014/090698

(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)HALDOR TOPS~E A/S

Address of Applicant: Nym llevej 55, DK-2800 Kgs. Lyngby

Denmark

(72) Name of Inventor:

1)MARIN, Manuel, Moliner; 2)FRANCO, Raquel, Martinez; 3) CANOS, Avelino, Corma; 4)TH0GERSEN, Joakim, Reimer;

#### (57) Abstract:

Process for the direct synthesis of Cu-SSZ-13 from a synthesis mixture comprising water, at least one silicon source, at least one Al source, at least one Cu source, at least one polyamine for complexing with Cu, and a single organic structure directing agent. A Cu containing molecular sieve having the framework structure of SSZ-13 obtainable by the process and use of the Cu containing molecular sieve.

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

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : REFLECTOR UNIT FOR A LINEAR FRESNEL REFLECTOR SOLAR ENERGY COLLECTOR SYSTEM

(51) International classification	:C02F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KGDS RENEWABLE ENERGY PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :3E-34, D BUNGALOW PLOT NIT
(33) Name of priority country	:NA	FARIDABAD-121001, HARYANA Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. C SURESH KUMAR
(87) International Publication No	: NA	2)M. PRATAP
(61) Patent of Addition to Application Number	:NA	3)N PRABHAKARAN
Filing Date	:NA	4)B S VISHNU KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

There is provided a direct saturated and superheated steam generating linear fresnel reflector solar energy collector that includes a reflector unit. The reflector unit includes one or more primary reflectors. The reflector unit further includes at least one axle wherein the one or more primary reflectors are mounted on the at least one axle for axial rotation. The reflector unit further includes a reflector support structure for supporting the one or more primary reflectors on the at least axle. The reflector support structure includes a torque tube for bearing the weight of the one or more primary reflectors; one or more former sheets wherein the one or more former sheets are attached onto the torque tube and wherein each of the one or more former sheets is attached to a pre-bent aluminum rib of one or more aluminum ribs.

No. of Pages: 27 No. of Claims: 15

(21) Application No.641/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : LOW -COST AIR - CONDITIONING APPARATUS & A PROCESS TO AIR-CONDITION AN IMMEDIATE VICINITY THEREFROM

(51) International classification	:A61F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY INTERNATIONAL SCHOOL
(32) Priority Date	:NA	Address of Applicant :HS-1 SECTOR, 1, VASUNDHARA,
(33) Name of priority country	:NA	GHAZIABAD, PIN-201010. UTTAR PRADESH, INDIA Uttar
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MS VEENA MISHRA
(61) Patent of Addition to Application Number	:NA	2)MR. SHUBHAM CHAKRABORTY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention discloses an air-conditioning apparatus that is low-cost and provides an air-conditioned surrounding to a localized area, preferably covering a person and his nearby surroundings. The air-conditioning apparatus of the present invention comprise an ice-blocks filled tray to cool air, a wire-mesh dehumidifier to remove moisture from the cooled air, and an exhaust fan to expel cool, moisture-free air. The present invention uses unconventional and non-obvious alternatives as components to create a unique, less power consuming solution that is effective and make air-conditioner an affordable purchase for the masses.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: MULTIPLE LIGHT MANAGEMENT TEXTURES

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant:  1)MOSER BAER INDIA LIMITED  Address of Applicant:43B, OKHLA INDUSTRIAL ESTATE,
(33) Name of priority country (86) International Application No	:NA :NA	NEW DELHI - 110020. INDIA Delhi India (72)Name of Inventor:
Filing Date	:NA	1)PEETERS, PATRICK
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

An optoelectronic device providing improved light management is provided. The optoelectronic device includes a substrate having a substantially flat surface, a light management layer provided on the flat surface, such that the light management layer includes a first light management texture. The optoelectronic device also includes a planarization layer on the first light management texture. The planarization layer has a top surface that is defined by a first portion and a second portion, such that the first portion is a substantially flat surface and the second portion includes a second light management texture corresponding to the first light management texture. Further, the second light management texture has dimensions relatively less than that of the first light management texture and the first light management texture and the second light management texture enable light management in a waveguide mode and a surface plasmon polariton (SPP) mode respectively. The optoelectronic device also includes a functional layer stack over the planarization layer, such that the second light management texture propagates into the functional layer stack.

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

(21) Application No.2649/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD FOR IMPARTING ANTIBIOTIC ACTIVITY TO THE SURFACE OF A SOILD SUBSTRATE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A01N 37/44 :12/569,564 :29/09/2009 :U.S.A. :PCT/EP2010/005939 :29/09/2010 :WO 2011/038897 :NA	(71)Name of Applicant: 1)LONZA INC. Address of Applicant: 90 BOROLINE ROAD, ALLENDALE, NJ 07401, U.S.A. U.S.A. (72)Name of Inventor: 1)HALL, LARRY KENT 2)KIMLER, JOSEPH 3)KOEHL, DAVID JOSEPH 4)SWEENY, PHILIP GERDON
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The invention relates to a method for imparting antibiotic activity to a surface of a solid substrate by exposing a solid substrate composition to conditions suitable for covalent grafting and thermal polymerization of the substrate.

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

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PROCESS FOR FORMATION OF MULTI-LAYERED COATING FILM

:B05B 1/36 (71)Name of Applicant: (51) International classification 1)KANSAI PAINT CO., LTD. (31) Priority Document No :2009-225632 (32) Priority Date Address of Applicant: 33-1, KANZAKI-CHO, :29/09/2009 AMAGASAKI-SHI, HYOGO (JP) Japan (33) Name of priority country :Japan (86) International Application No :PCT/JP2010/066713 (72)Name of Inventor : 1)FUKUDA, TOHRU Filing Date :27/09/2010 (87) International Publication No :WO 2011/040374 2)SAI, KEISUKE (61) Patent of Addition to Application 3)KASAI, REMI :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

There is provided a process for formation of a multi-layered coating film, which includes sequentially coating a first colored coating composition, a second colored coating composition and a clear coating composition (C), and simultaneously heating and curing the obtained first colored coating film, second colored coating film and clear coating film to form a multi-layered coating film, where the first colored coating composition contains (al) a polyester resin containing a hydroxyl group, which contains 1.0-8.0 mol/kg (resin solid content) of a straight-chain alkylene group having a carbon number of 4 or more in the molecule, has a hydroxyl group value in a range of 30-160 mgKOH/g and has a number-average molecular weight in a range of 1,000-6.000, and (a2) a melamine resin; and the colored coating composition contains (bl) an acrylic resin containing a hydroxyl group, which has a hydroxyl group value in a range of 40-200 mgKOH/g and has a weight-average molecular weight in a range of 3,000-15,000, (b2) a melamine resin having a content rate of a mononuclear melamine of 40 mass% or more, and (b3) an acid catalyst.

No. of Pages: 69 No. of Claims: 9

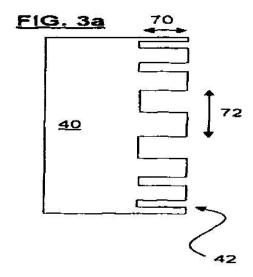
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: TURBOMACHINE

(51) International classification	:F02C 6/12	(71)Name of Applicant:
(31) Priority Document No	:0917513.4	1)CUMMINS LTD.
(32) Priority Date	:06/10/2009	Address of Applicant :ST. ANDREWS ROAD,
(33) Name of priority country	:U.K.	HUDDERSFIELD HD1 6RA (GB) U.K.
(86) International Application No	:PCT/GB2010/001869	(72)Name of Inventor:
Filing Date	:06/10/2010	1)ROBERTS, TOM J
(87) International Publication No	:WO 20110/042695	2)PARKER, JOHN F.
(61) Patent of Addition to Application	:NA	3)MOORE, SIMON
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

According to of the present invention there is provided a variable geometry turbine comprising: a turbine wheel mounted for rotation about a turbine axis within a housing, the housing defining an annular inlet surrounding the turbine wheel and defined between first and second inlet sidewalls, the annular inlet being divided into at least two axially offset inlet portions; a cylindrical sleeve axially movable across the annular inlet to vary the size of a gas flow path through the inlet; wherein an axial extent of a leading end of the sleeve varies in magnitude around a circumference of the sleeve. The variation in the axial extent defines a plurality of recesses and/or protrusions located around the circumference of the leading end of the sleeve, or the axial extent thereof, is free of vanes.



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

(21) Application No.2724/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A POLYMER SUPPORT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:C08L 5/08 :2009/06358 :14/09/2010 :South Africa :PCT/IB2010/002291 :14/09/2010 :WO 2011/083360 :NA :NA	(71)Name of Applicant:  1)UNIVERSITY OF CAPE TOWN Address of Applicant: LOVERS WALK, RONDEBOSCH, 7700 CAPE TOWN, SOUTH AFRICA South Africa (72)Name of Inventor: 1)JARDINE, MOEGAMAT, ANWAR 2)SMITH, GREGORY, STUART 3)MAKHUBELA, BANOTHILE CHARITY EVENTS
11		3)MAKHUBELA, BANOTHILE CHARITY EVENTS
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention provides a polymer support characterised in that the polymer is 6-amino 6-deoxy chitosan. Metal-immobilised 6-amino 6-deoxy chitosan is further provided, more particularly including one of Pd, Pt, Ru, Rh Ir, Os, Mn, Ni, Co and Fe in all their possible oxidation states complexed to 6-amino 6-deoxy chitosan through a Schiff-base ligand.

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

(21) Application No.2883/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD OF PRODUCING IRON OXIDE NANOPARTICLES

<ul> <li>(51) International 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</li> <li>Filing Date</li> <li>(87) International Publication</li> </ul>	:C01G49/06,B82B1/00,B82B3/00 :1020130008784 :25/01/2013 :Republic of Korea :PCT/KR2014/000721 :24/01/2014 :WO 2014/116064	(71)Name of Applicant:  1)LG CHEM LTD.  Address of Applicant:128, Yeoui- daero, Yeongdeungpo- gu, Seoul 150- 721 Republic of Korea (72)Name of Inventor:  1)LEE, Myung Ki 2)PARK, Sung Bin 3)KANG, Sung Joong
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	4)JUNG, Wang Mo

# (57) Abstract:

The present invention relates to a method of producing iron oxide nanoparticles iron oxide nanoparticles produced by the method and an anode material including same.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHODS FOR FORMING AN OXIDE DISPERSION STRENGTHENED COATING

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:13/081,906	
(32) Priority Date	:07/04/2011	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:U.S.A.	NEW YORK 12345, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HELMICK, DAVID ANDREW
(87) International Publication No	:NA	2)GOLLER, GEORGE ALBERT
(61) Patent of Addition to Application Number	:NA	3)STONITSCH, RAYMOND JOSEPH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

A method (100) for forming an oxide-dispersion strengthened coating on a metal substrate (304) is disclosed. The method generally includes comminuting MCrAlY alloy particles to form an oxygen-enriched powder, wherein at least about 25% by volume of the MCrAlY alloy particles within the oxygen-enriched powder have a particle size of less than about 5 urn. Additionally, the method includes applying the oxygen-enriched powder to the metal substrate (304) to form a coating and heating the oxygen-enriched powder to precipitate oxide dispersoids within the coating.

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

(21) Application No.2810/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROPELLER FAN AND AIR CONDITIONER HAVING 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></ul>	:F04D29/38,F24F1/00,F04D29/54 :1020120121930 :31/10/2012 :Republic of Korea	(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
(86) International Application No Filing Date (87) International Publication No	:PCT/KR2013/009652 :29/10/2013 :WO 2014/069861	(72)Name of Inventor:  1)JANG, Keun Jeong; 2)KIM, Byung Ghun; 3)KIM,Jong Moon; 4)KIM, Young Jae;
<ul><li>(61) Patent of Addition to</li><li>Application Number</li><li>Filing Date</li></ul>	:NA :NA	5)SEO, Hyeong Joon;
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Provided is a propeller fan including a hub having an oval shape in an axial direction, a plurality of blades that extend from the hub, and at least one reinforcement rib that extends from the hub and is formed closer to a leading edge of each of the plurality of blades. Through this configuration, the propeller fan has blowing efficiency and stiffness, and the weight and material cost of the propeller fan can be reduced.

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: OBJECT BASED SERVER PAGE RECEPTION IN ELECTRONIC 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>	:25/10/2013 :WO 2014/069847 :NA :NA	(71)Name of Applicant:  1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant: 129, Samsung- ro, Yeongtong- gu, Suwon- si, Gyeonggi- do 443- 742 Republic of Korea (72)Name of Inventor: 1)SHIN, Taiho;
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Methods of receiving and displaying a server page and information thereof in an electronic device, particularly a wireless device operating in a slow communication channel. Data representing portions of a plurality of objects included in the page are initially received. Progress bars individually showing reception progress states of the received objects are generated and displayed. User inputs may be receivable for either canceling reception of a particular object, or allowing reception of an object while automatically canceling reception of other objects. The methods thus speed up the process of receiving desired information, particularly during a slow communication channel.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: CICLESONIDE FOR THE TREATMENT OF AIRWAY DISEASE IN HORSES

(51) International :A61K9/00,A61K31/573,A61P11/00 classification

(31) Priority Document No :12199302.6 (32) Priority Date :21/12/2012

(33) Name of priority country: EPO

(86) International :PCT/EP2013/077265 Application No

:18/12/2013 Filing Date

(87) International Publication :WO 2014/096115

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

:NA Filing Date

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

(71)Name of Applicant:

1)BOEHRINGER INGELHEIM VETMEDICA GMBH

Address of Applicant :Binger Strae 173, 55216 Ingelheim Am

Rhein Germany

(72)Name of Inventor: 1)ALBRECHT, Balazs; 2) AVEN, Michael; 3)LAMAR, Janine;

4)LANG, Ingo;

#### (57) Abstract:

The invention relates to the field of medicine, in particular to the field of veterinary medicine. The invention relates to glucocorticoids, especially ciclesonide or a pharmaceutically acceptable derivative thereof, for the treatment of airway disease in horses, such as pulmonary disease, preferably recurrent airway obstruction (RAO), Summer Pasture Associated Obstructive Pulmonary disease (SPAOPD), and inflammatory airway disease (IAD).

No. of Pages: 52 No. of Claims: 15

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS FOR PREPARING CYCLIC DIESTERS, ESPECIALLY DILACTIDE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C07D319/12 :12190199.5 :26/10/2012 :EPO :PCT/EP2013/072188 :23/10/2013 :WO 2014/064160 :NA :NA	(71)Name of Applicant:  1)UHDE INVENTA- FISCHER GMBH Address of Applicant: Holzhauser Str. 157- 159, 13509 Berlin Germany (72)Name of Inventor: 1)PAETZ, Caspar 2)MUEHLBAUER, Udo 3)DRIOUCH, Habib
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

The present invention relates to a process for preparing cyclic carboxylic esters, especially intramolecular lactones for example dilactide, wherein these cyclic esters are prepared from oligomeric carboxylic acids by cyclizing depolymerization. The reaction gives as a by -product, a condensation product of these oligomeric carboxylic acids, i.e. a mixture of high molecular weight oligomeric carboxylic acids, which are hydrolysed in a further step and thus recovered. This hydrolysate can be added again to the cyclizing depolymerization conducted in the first stage.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PROCESS FOR PRODUCING MONOBRANCHED FATTY ACIDS OR ALKYL ESTERS THEREOF

(51) International classification :C07C51/353,C07C51/36,C07C53/126

(31) Priority Document No :1219224.1 (32) Priority Date :25/10/2012

(33) Name of priority :U.K.

country

(86) International :PCT/GB2013/052603

Application No Filing Date :07/10/2013

(87) International

Publication No :WO 2014/064418

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

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

(71)Name of Applicant:

1)CRODA INTERNATIONAL PLC

Address of Applicant : Cowick Hall , Snaith, Goole Yorkshire

DN14 9AA U.K.

(72)Name of Inventor:

1)BERGEN-BRENKMAN, Tanja van; 2)RASHIDI-HAM-RAHLOU, Negar;

3) WELS, Bastiaan;

## (57) Abstract:

A process for producing a composition having a ratio by weight of C10- C26 monobranched fatty acids or alkyl esters thereof to C10-C26 polybranched fatty acids or aikyl esters thereof of greater than 6 using a zeolite, preferably ferrierite, isomerisation catalyst. The zeolite catalyst is preferably the only isomerisation catalyst used. The zeolite catalyst can be reused many times after simple separation from the reaction products without having to be regenerated.

No. of Pages: 27 No. of Claims: 16

(21) Application No.895/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

(54) Title of the invention: CUSHION CLIP

(51) International classification	:B23B	(71)Name of Applicant:
(21) Driggitz Dagumant No	:2011-	1)DAIWA KASEI KOGYO KABUSHIKI KAISHA
(31) Priority Document No	078144	Address of Applicant :1, AZA KAMIHIRACHI, HOBO-CHO,
(32) Priority Date	:31/03/2011	OKAZAKI-SHI, AICHI 444-0004 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAJI, ATSUTOSHI
Filing Date	:NA	2)KATO, MAKOTO
(87) International Publication 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 cushion clip may include a support portion capable of being connected to an attachment hole formed in a first member and a cushioning portion integrally connected to the support member. The support portion has an engagement portion and a head portion. The head portion has a shoulder surface that is formed in a columnar portion thereof. The cushioning portion has a base portion that is positioned to surround the head portion. The base portion of the cushioning portion has a bulged portion that is formed therein. The bulged portion is shaped to project beyond the shoulder surface in an insertion direction of the support portion, so as to elastically contact the first member when the cushion clip is applied with the impact from a second member.

No. of Pages: 29 No. of Claims: 3

(21) Application No.2860/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

## (54) Title of the invention: SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING PLATE MODERATED FLUID-FILLED BLADDERS AND/OR FOAM TYPE IMPACT FORCE ATTENUATION MEMBERS

(51) International

:A43B7/14,A43B13/12,A43B13/18 classification

(31) Priority Document No :13/623701 (32) Priority Date :20/09/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/058986

No :10/09/2013 Filing Date

(87) International Publication :WO 2014/046915

(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)NIKE INTERNATIONAL LTD.

Address of Applicant :One Bowerman Drive, Beaverton

Oregon 97005 U.S.A. (72)Name of Inventor: 1)BRUCE, Robert M.; 2) HEARD, Joshua P.;

(57) Abstract:

Sole structures for articles of footwear, including athletic footwear, include: (a) an outsole component; (b) a midsole component engaged with the outsole component, wherein the midsole component includes at least one opening or receptacle; (c) at least one fluid-filled bladder system or foam system provided in the opening or receptacle; and/or (d) a rigid plate system including one or more rigid plates overlaying the fluid-filled bladder or foam system(s). The rigid plate(s) may be fixed directly to the midsole component or the rigid plate(s) may rest on the fluid -filled bladder(s) or foam somewhat above the surface of the midsole component when the sole structure is in an uncompressed condition. Articles of footwear and methods of making sole structures and articles of footwear including such sole structures also are described.

No. of Pages: 76 No. of Claims: 41

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: LENS BARREL ASSEMBLY AND PHOTOGRAPHING APPARATUS INCLUDING THE SAME

(51) International classification :G03B3/02,G02B7/04,H04N5/225 (71)Name of Applicant : :1020120102994 1)SAMSUNG ELECTRONICS CO., LTD. (31) Priority Document No (32) Priority Date Address of Applicant: 129, Samsung-ro, Yeongtong-gu, :17/09/2012 (33) Name of priority country Suwon -si Gyeonggi- do 443-742 Republic of Korea :Republic of Korea (72) Name of Inventor: (86) International Application :PCT/KR2013/004395 1)KANG, Yoon-seok; No :20/05/2013 Filing Date 2) LEE, Kyeongeun; (87) International Publication :WO 2014/042337 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

#### (57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A lens barrel assembly includes: a lens group; a lens barrel that support the lens group and includes on an outer circumferential surface thereof, a first movement pin projected outwardly and a second guide groove that is extended along a circumferential direction; and an outer barrel disposed outside the lens barrel and includes, on an inner circumferential surface thereof, a first guide groove extended along the circumferential direction to be coupled with the first movement pin, and a second movement pin that is projected inwardly to be coupled with the second guide groove, where the lens barrel is moved in an optical axis direction as the outer barrel rotates, and where a movement section of the lens barrel comprises a first movement section, a second movement section and an intersection movement section that connects the first movement section with the second movement section.

No. of Pages: 27 No. of Claims: 12

(21) Application No.2862/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

## (54) Title of the invention: SOLE STRUCTURES AND ARTICLES OF FOOTWEAR HAVING PLATE MODERATED FLUID -FILLED BLADDERS AND/OR FOAM TYPE IMPACT FORCE ATTENUATION MEMBERS

(51) International

:A43B7/14,A43B13/16,A43B13/18 classification

(31) Priority Document No :13/623722 (32) Priority Date :20/09/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/059268

No :11/09/2013 Filing Date

(87) International Publication

:WO 2014/046940

(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)NIKE INTERNATIONAL LTD.

Address of Applicant :One Bowerman Drive, Beaverton

Oregon 97005- 6453 U.K. (72)Name of Inventor: 1)BRUCE, Robert M.;

2) HEARD, Joshua P.;

#### (57) Abstract:

Sole structures for articles of footwear, including athletic footwear, include: (a) an outsole component; (b) a midsole component engaged with the outsole component, wherein the midsole component includes at least one opening or receptacle; (c) at least one fluid-filled bladder system or foam system provided in the opening or receptacle; and/or (d) a rigid plate system including one or more rigid plates overlaying the fluid-filled bladder or foam system(s). The rigid plate(s) may be fixed directly to the midsole component or the rigid plate(s) may rest on the fluid -filled bladder(s) or foam somewhat above the surface of the midsole component when the sole structure is in an uncompressed condition. Articles of footwear and methods of making sole structures and articles of footwear including such sole structures also are described.

No. of Pages: 75 No. of Claims: 43

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : SECURITY THREADS FOR BANKNOTES USING HIGH-CONTRAST SUBWAVELENGTH GRATINGS

<ul><li>(51) International classification</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>	:G01K :NA :NA :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant: ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA. Delhi India
Filing Date (87) International Publication No.	:NA :NA	(72)Name of Inventor:
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	:NA	1)BALA PESALA 2)MRIDULA MADHUSUDAN
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Method of designing a security thread in security documents with better color contrast at any viewing angle is claimed. The invention discloses designing of security thread in security documents like bank notes using subwavelength gratings with period and thickness less than the wavelength of light. The sub wavelength gratings preferably asymmetric are designed such that the 0 order reflections are of longer wavelength (red) and the higher order reflections (diffracted orders) are of shorter wavelengths (bluetgreen). The security thread so designed gives better color contrast unlike the rainbow colors of prior art thus allowing better and easier distinction of authentic documents.

No. of Pages: 29 No. of Claims: 14

(21) Application No.2542/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application: 27/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: PROCESS FOR THE PREPARATION OF OPTIONALLY SUBSTITUTED PHENYL AND PYRIDYL **PYRROLIDINES**

(51) International :C07D207/08,C07C317/14,C07C321/30

classification

(31) Priority Document :12186243.7

(32) Priority Date :27/09/2012

(33) Name of priority :EPO country

(86) International

:PCT/EP2013/069919 Application No :25/09/2013

Filing Date

(87) International **Publication No** 

:WO 2014/048958

(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)BAYER CROPSCIENCE AG

Address of Applicant : Alfred-Nobel -Str. 50, 40789 Monheim

Germany

(72) Name of Inventor:

1)MHLTHAU ,Friedrich August

2)FORD, Mark James

### (57) Abstract:

The present invention relates to a method for the preparation of optionally substituted aryl and pyridyl pyrrolidines which are useful intermediates for the preparation of certain biologically active compounds.

No. of Pages: 46 No. of Claims: 7

(21) Application No.2849/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

## (54) Title of the invention: A COMBINATION OF ADRENALIN WITH AN ANTIDEPRESSANT FOR USE IN THE TREATMENT OF SHOCKS

(51) International :A61K31/165,A61K31/335,A61K31/55

classification

(31) Priority Document :12306207.7

(32) Priority Date :03/10/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/070598

Application No Filing Date

:02/10/2013

:NA

:NA

(87) International

**Publication No** 

:WO 2014/053579

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

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

(71)Name of Applicant:

1)BIOPROJET

Address of Applicant: 30, rue des Francs Bourgeois, F-75003

Paris France

(72) Name of Inventor:

1)SCHWARTZ, Jean-Charles;

2)LIGNEAU, Xavier;

3)LANDAIS, Laurent, Francois, Gerard;

4)PERRIN, David;

5)LECOMTE, Jeanne-Marie;

## (57) Abstract:

The present invention concerns a novel combination of adrenalin with an antidepressant and its use as a pharmaceutical composition for the treatment of shocks. The pharmaceutical composition is to be administered by injection.

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

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: LINE IMPEDANCE COMPENSATION 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>	:03/10/2013 :WO 2014/056504 :NA :NA :NA	(71)Name of Applicant:  1)VESTAS WIND SYSTEMS A/S Address of Applicant: Hedeager 44, DK-8200 Aarhus N Denmark (72)Name of Inventor: 1)GARCIA, Jorge Martinez;
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention relates to a power plant controller, controlling at least one electrical parameter of a wind power plant at a first point in an electrical grid wherein the wind power plant comprises a plurality of wind turbine generators, the power o plant controller comprising, an input device arranged for receiving at least one measured electrical parameter at a point of measure - ment, the point of measurement being different from the first point, and an algorithm for estimating a delta value of a difference of the at least one electrical parameter between the first point and the point of measurement, wherein estimating of the delta value is o calculated based on an impedance between the point of measurement and the first point, and at least one electrical input parameter, and wherein the at least one electrical input parameter is at least one reference value of the power plant controller, and the power o plant controller controls the at least one electrical parameter on the basis of the at least one measured electrical parameter and the delta value. The present invention also relates to a method for determining at least one electrical parameter of a wind power plant at a first point in an electrical grid.

No. of Pages: 29 No. of Claims: 14

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD AND APPARATUS FOR CONVERSION OF REACTIVE POWER TO ACTIVE POWER

(51) International classification :H01S (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)CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING Address of Applicant: C-56/1, SECTOR-62 NOIDA - 201307 UTTAR PRADESH (INDIA) Uttar Pradesh India (72)Name of Inventor: 1)MAITY, CHANDAN
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### (57) Abstract:

The present disclosure relates to method and apparatus for converting reactive power to active power. The apparatus comprises supplying AC power using an AC power supply, wherein a zero crossing detector detects zero crossings from the input AC power and calculates zero crossing window. A logic controller then generates control signals based on the received zero crossing window data. A voltage control circuit receives the control signals and generates a controlled output signal, which is then received by a rectifier to generate pulsating DC voltage. One or more switches operatively coupled with the logic controller and one or more capacitor banks receive the control signals from the logic controller and the pulsating DC voltage from the rectifier, and during one half cycle time period, one of the switch charges one of the capacitor bank and another switch concurrently discharge another capacitor bank, which step is then interchanged in the next half cycle.

No. of Pages: 31 No. of Claims: 19

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : BIOCHEMICAL TECHNIQUE TO ESTIMATE CALCIUM CONCENTRATION IN MILK FOR THE DETECTION OF MASTITIS

(51) Intermedianal alacation	. A C117	(71) Name of Applicant.
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)Lala Lajpat Rai University of Veterinary & Animal
(32) Priority Date	:NA	Sciences
(33) Name of priority country	:NA	Address of Applicant :College of Veterinary Sciences
(86) International Application No	:NA	Department of Veterinary Physiology & Biochemistry Hisar
Filing Date	:NA	125001 State: Haryana India Haryana India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GERA Sandeep
Filing Date	:NA	2)GUHA Anirban
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates generally to the field of testing the quality of the milk. Particularly, the Invention provides a process of testing the quality of the milk by analyzing the concentration of calcium in it. The process also extends its application in the detection of mastitis in dairy animals by identifying the significant decreased concentration of milk calcium in a test sample. The invention furthermore provides a kit for the application of said process.

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

(21) Application No.2744/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: MANAGEMENT OF DIGITAL FILES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:G01L :09 56791 :30/09/2009 :France :PCT/EP2010/064611 :30/09/2010 : NA :NA :NA	(71)Name of Applicant:  1)ST-ERICSSON (FRANCE) SAS Address of Applicant:12 Rue Jules Horowitz F-38000 Grenoble France 2)ST-ERICSSON SA (72)Name of Inventor: 1)ROLLAND Philippe
Filing Date	:NA :NA	

### (57) Abstract:

The invention proposes a process for managing digital files wherein a file is organized into content data and file attribute data separate from the content data and wherein the attribute data comprise a first location datum representing a location of a device that created the file at the moment the file was created and/or a second location datum representing a location of a device that modified the file at the moment the modification was saved.

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

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: AUTOMATED PROFILING OF RESOURCE USAGE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:17/09/2013 :WO 2014/047073 :NA :NA	(71)Name of Applicant:  1)AMAZON TECHNOLOGIES, INC. Address of Applicant: P.O. Box 8102, Reno, NV 89507 U.S.A. (72)Name of Inventor: 1)MARR, Michael, David; 2)KLEIN, Matthew,D.;
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Operating profiles for consumers of computing resources may be automatically determined based on an analysis of actual resource usage measurements and other operating metrics. Measurements may be taken while a consumer, such as a virtual machine instance, uses computing resources, such as those provided by a host. A profile may be dynamically determined based on those measurements. Profiles may be generalized such that groups of consumers with similar usage profiles are associated with a single profile. Assignment decisions may be made based on the profiles, and computing resources may be reallocated or oversubscribed if the profiles indicate that the consumers are unlikely to fully utilize the resources reserved for them. Oversubscribed resources may be monitored, and consumers may be transferred to different resource providers if contention for resources is too high.

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

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : IMPEDANCE COMPENSATION FOR OPERATIONAL AMPLIFIERS USED IN VARIABLE ENVIRONMENTS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H03F3/45 :13/609107 :10/09/2012 :U.S.A. :PCT/US2013/058784 :09/09/2013 :WO 2014/039982 :NA :NA	(71)Name of Applicant:  1)CRANE ELECTRONICS INC.  Address of Applicant:10201 Willows Road, Redmond ,Washington 98052 U.S.A. (72)Name of Inventor:  1)LAM, Cuon;  2)KUEHNY, Jay;  3)PERCHLIK,David;
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A dual compensation operational amplifier is suitable for use in an environment that experiences fluctuations in ambient energy levels. A dual compensation impedance can be determined to nullify or compensate for effects of an input offset voltage or an input bias current or both. Adjustments to the dual compensation impedance can be made based on calibration data for various environmental conditions so that the dual compensation impedance can be either pre- set for anticipated conditions in different target operational environments, or automatically adjusted in -situ. Target operational environments that may benefit from such a dual compensation impedance include remote areas that experience extreme or variable temperatures , high altitudes , space , or high radiation environments.

No. of Pages: 33 No. of Claims: 28

(21) Application No.2910/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 11/09/2015

(54) Title of the invention: FIELD GUN

(51) International :F41A25/22,F41A27/12,F41A27/08 classification

:NA

(31) Priority Document No :1218115.2

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

(86) International Application

:PCT/GB2013/000424

:10/10/2013 Filing Date

(87) International Publication :WO 2014/057235

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

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

Filing Date

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

Address of Applicant: 6 Carlton Gardens, London SW1Y 5AD

U.K.

(72) Name of Inventor:

1)DAWSON .Keith

2) HERBERT, Frederick

3)WEBB, Michael John

#### (57) Abstract:

A howitzer suitable for deployment on a ground plane, the howitzer comprising an ordnance for firing a projectile. The ordnance comprising a barrel defining a barrel axis and having a muzzle towards the front end of the howitzer and a breech assembly at the back end of the barrel; and a cradle for holding the ordnance at a traverse and an elevation; two trunnion pins located on said cradle which co-locate with receiving trunnion bearings on a saddle, wherein in a first position said breech is located forward of said trunnion, in a second position, at the end of the recoil stroke, said breech is retracted substantially behind said trunnion wherein said recoil stroke is variable depending on the selection of the elevation.

No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : BIOCHEMICAL ASSAY TO ESTIMATE MILK UREA NITROGEN IN MILK FOR THE DETECTION OF MASTITIS

(51) I	A C 1 TZ	
(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LALA LAJPAT RAI UNIVERSITY OF VETERINARY
(32) Priority Date	:NA	& ANIMAL SCIENCES
(33) Name of priority country	:NA	Address of Applicant :College of Veterinary Sciences
(86) International Application No	:NA	Department of Veterinary Physiology & Biochemistry Hisar
Filing Date	:NA	125001 State: Haryana India Haryana India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GERA Sandeep;
Filing Date	:NA	2)GUHA Anirban;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates generally to the field of testing the quality of the milk. Particularly, the Invention provides a process of testing the quality of the milk by analyzing the concentration of urea in it. The process also extends its application in the detection of mastitis in dairy animals. The invention hrthennore provides a kit for the application of said process. Principle: The urea reacts \\ith diacdyl (CH; CO. CO. CHI) in hot acid solution at nearly 100'. which is released from diacetyl monoxime by an oxidatibe condensation reaction. lo give a coloiredp roduct. Diacet>I monoxime is used because of' its greater stibility. The absorbance colour developed is tneasul-ed at 480 nm. The intensity of the colour developed is proportional to the coilcentration of urea present in the sample.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHODS FOR PROCESSING TITANIUM ALLOYS

(51) International classification	:C22C14/00,C22F1/18	(71)Name of Applicant:
(31) Priority Document No	:13/714465	1)ATI PROPERTIES INC.
(32) Priority Date	:14/12/2012	Address of Applicant :1600 N.E. Old Salem Road, Albany
(33) Name of priority country	:U.S.A.	Oregon 97321 U.S.A.
(86) International Application No	:PCT/US2013/071801	(72)Name of Inventor:
Filing Date	:26/11/2013	1)BRYAN, David J.;
(87) International Publication No	:WO 2014/093009	2)MANTIONE,John V.;
(61) Patent of Addition to Application	:NA	3)THOMAS, Jean-Philippe;
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Methods of refining the grain size of a titanium alloy workpiece include beta annealing the workpiece, cooling the beta annealed workpiece to a temperature below the beta transus temperature of the titanium alloy, and high strain rate multi axis forging the workpiece. High strain rate multi axis forging is employed until a total strain of at least 1 is achieved in the titanium alloy workpiece or until a total strain of at least 1 and up to 3.5 is achieved in the titanium alloy workpiece. The titanium alloy of the workpiece may comprise at least one of grain pinning alloying additions and beta stabilizing content effective to decrease alpha phase precipitation and growth kinetics.

No. of Pages: 91 No. of Claims: 46

(22) Date of filing of Application :08/04/2015

(43) Publication Date: 11/09/2015

# (54) Title of the invention : INSERT FOR THE SUPPORT OF A MOTOR VEHICLE , ARRANGEMENT IMPLEMENTING SAID INSERT AND MOTOR VEHICLE COMPRISING SAID 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</li> <li>Number</li> <li>Filing Date</li> </ul>	:F16B21/02 :1258861 :21/09/2012 :France :PCT/FR2013/052081 :11/09/2013 :WO 2014/044953 :NA :NA	(71)Name of Applicant:  1)RENAULT S.A.S.  Address of Applicant:13- 15 quai Le Gallo, F- 92100  Boulogne- Billancourt France (72)Name of Inventor:  1)LECROQ, Dominique 2)DAVID, Patrick
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The invention relates to an insert (1) for the support (5) of a motor vehicle comprising a head (2) from which a long body (3) extends according to a longitudinal axis Z. The insert (1) is designed so as to vary, by means of the pivoting of the insert (1) about the longitudinal axis Z, between a locked state wherein the head (2) and an abutment (5a, 5b) carried by the long body (3) cooperate with an axial locking element (6c, 6b) carried by the support (6) in such a way as to inhibit a translatory movement of the insert (1) in relation to said support (6) along the longitudinal axis Z, and an unlocked state wherein the long body (3) of the insert (1) can be inserted into an opening (6a) of the support (6) or removed from the opening (6a) of the support (6). The insert (1) comprises a first rotatably locking element (7a, 7b) mounted on the head (2) and designed so as to inhibit the rotation of the insert (1) about the longitudinal axis Z, by means of cooperation with a second rotatably locking element carried by the support (6), when the insert (1) is in the locked state.

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

(21) Application No.88/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :12/01/2015 (43) Publication Date : 11/09/2015

### (54) Title of the invention: COMPUTER SYSTEM

(51) International classification	:g06f	(71)Name of Applicant:
(31) Priority Document No	:2014- 043643	1)Hitachi, Ltd. Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:06/03/2014	Tokyo 100-8280, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HATA Shutaroh
Filing Date	:NA	2)HARA Naoki
(87) International Publication No	: NA	3)ONOZATO Noboru
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A computer system capable of achieving means that executes control programs independently of the presence of chargeable backup means is provided. A computer system includes a memory unit having a nonvolatile memory and a volatile memory and a processing unit to execute control programs described on control program tables of the memory unit. The nonvolatile memory includes a first control program table. The volatile memory includes a second control program table . Upon power up, it is determined whether chargeable backup means is present and whether the first control program table or second control program table is used preferentially. When there is no connection of the chargeable backup means and the second control program table is used, the content of the first control program table is transferred to the second control program table. The content of the second control program table is transferred to the first control program table at each predetermined control cycle during operation by the second control program table.

No. of Pages: 32 No. of Claims: 5

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A BRAKE ADJUSTER MECHANISM

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:F16D :1105236.2	(71)Name of Applicant: 1)MERITOR HEAVY VEHICLE BRAKING SYSTEMS
(32) Priority Date		(UK) LIMITED
(33) Name of priority country	:U.K.	Address of Applicant :GRANGE ROAD, CWMBRAN NP44
(86) International Application No	:NA	3XU, GWENT, UNITED KINGDOM U.K.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)REFAAT MALKI
(61) Patent of Addition to Application Number	:NA	2)MARTIN PORS TAYLOR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A brake adjuster mechanism including: an input shaft, a one-way clutch, and a torque limiting clutch, the input shaft being coupled to an input element of the torque limiting clutch, the one-way clutch being coupled to the torque limiting clutch, the torque limiting clutch further including an output element and a coupling portion, the coupling portion including a projection for selectively rotationally coupling said input element and said output element, one of said input element and output element including a first recess circumferentially spaced from a second recess, said projection being selectively biased into said first recess and said second recess, said input element being frictionally coupled by a friction device to said output element to resist rotation of the input element relative to the output element.

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

(21) Application No.2524/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 11/09/2015

(54) Title of the invention: A PIPE JOINT

(51) International classification :F16L21/00,F
(31) Priority Document No :1217431.4
(32) Priority Date :28/09/2012
(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2013/052533 Filing Date :30/09/2013

(87) International Publication No :WO 2014/049375

(61) Patent of Addition to Application
Number

Filing Date
(62) Divisional to Application Number

Filing Date
:NA
Filing Date
:NA

 $: F16L21/00, F16L37/14 \hspace{0.2cm} \textbf{(71)Name of Applicant:} \\$ 

1)ACORN INTELLECTUAL PROPERTIES LIMITED
Address of Applicant: 9 The Esplanade St Helier Jersey JE2

3QA U.K.

(72)Name of Inventor:

1)MANNING John Patrick

### (57) Abstract:

A pipe joint comprising: a conduit (10) having two connection ends wherein each connection end comprises: a wall defining a receiving recess (11) for receiving an end of a pipe length (45); one or more channels (14) on the internal surface of the wall each channel housing a sealing ring (12) located within the channel (14); one or more grooves formed to a depth in an internal surface of the wall of the receiving recess; a channel communicating between the groove and an external surface of the connection end and a connector (20) formed from a length of material which is seatable within the groove via the channel and which is wider than the depth of the groove so that when seated within the groove the connector extends into the receiving recess; first and second pipe lengths to be connected together in the conduit each pipe length being formed with a groove on its external surface corresponding to the or each groove in the internal surface of the wall of one of the connecting ends such that the ends of the pipe lengths in the conduit abut each other.

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

(22) Date of filing of Application :07/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: RECUPERATING PASSIVE AND ACTIVE SUSPENSION

(51) International :B60G17/044,B60G17/048,B60G17/052 classification

(31) Priority Document

:13/660234

(32) Priority Date :25/10/2012 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2013/066314 Application No :23/10/2013

:NA

Filing Date

(87) International Publication No

:WO 2014/066469

(61) Patent of Addition to :NA

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

**Application Number** Filing Date

(71)Name of Applicant:

1)TENNECO AUTOMOTIVE OPERATING COMPANY

INC.

Address of Applicant: 500 North Field Drive, Lake Forest,

Illinois 60045 U.S.A.

(72) Name of Inventor:

1)SIX, Kristoff;

2) REYBROUCK, Koen;

3) VAN RAEMDONCK, Stefan;

## (57) Abstract:

A hydraulic actuator assembly includes an actuator, a first sink subsystem in fluid communication with an upper working chamber of the actuator, a second sink subsystem in fluid communication with a lower working chamber of the actuator and a source subsystem in fluid communication with both the upper and lower working chambers of the actuator. A low pressure accumulator is in fluid communication with the upper and lower working chambers, the first and second sink subsystems and source subsystem. A high pressure accumulator is in fluid communication with the first and second sink subsystems and the source subsystem. The hydraulic actuator assembly can generate passive or active forces with or without energy recuperation.

No. of Pages: 44 No. of Claims: 20

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : ECO-FRIENDLY PROCESS FOR PREPARING DYED BANANA TEXTILE USING NATURAL DYES

<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>	:D06P :NA :NA :NA	<ul> <li>(71)Name of Applicant:</li> <li>1)Indian Council of Agricultural Research (ICAR)         Address of Applicant: Krishi Bhavan, New Delhi Delhi India     </li> <li>(72)Name of Inventor:</li> </ul>
(86) International Application No Filing Date	:NA :NA	1)Dr. Anne Sharada Devi
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li></ul>	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

The invention provides for an eco-friend!y process for preparing dyed banana textile using natural dyes, comprising the steps of scouring of banana textile, pre - treating of scoured banana textile with homogeneous myrobaian solution, followed by evenly drying of irie ueaiea oanana textile under sun light, mordanting the dried pre4reated banana textile, dyeing the dried pretreated mordanted or unmordanted banana textile in natural dye solution at the temperature of anout 80 m HII C tor 45 minutes with continuous stirring and ultra-sonication, foilowed by rinsing and drying under shade.

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

(21) Application No.941/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ACCESSING BLIND CORNER UNIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:G01B :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PANKAJ GULATI Address of Applicant: PLOT NO. 21, SECTOR-6, A301, MAYANK MANSION, DWARKA, NEW DELHI - 110075 Delhi India 2)JASBIR SINGH (72)Name of Inventor:
•		
(62) Divisional to Application Number Filing Date	:NA :NA	2)67188211 (611

## (57) Abstract:

The invention relates to a corner cabinetfor kitchen comprising an interior of a substantially rectangular footprint which is accessibleat the front bycabinet door. The fitting comprises assembly units and shelves which are interconnected by coupling elements in a way that when a assembly unit having sliding and pivoting guide is displaced by pull or push it slides and swing about its pivoted vertical axisand shelves on this unit moves from inside to outside past the plane of door opening of corner cabinet and since the other assembly unit which also has sliding and pivoting guide with vertical axis and is inter connected swings on its vertical axis and then slides out bringing shelves on this unit from inside to outside

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

(21) Application No.2783/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ENERGY-EFFICIENT FENESTRATION ASSEMBLIES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:E06B5/00 :61/697796 :06/09/2012 :U.S.A. :PCT/US2013/058628 :06/09/2013 :WO 2014/039910 :NA :NA	(71)Name of Applicant:  1)CLEAR WALL CORPORATION  Address of Applicant: 255 Zayante School Road, Felton ,California 95018 U.S.A. (72)Name of Inventor:  1)MARCHAND,Normand
(62) Divisional to Application Number Filing Date	:NA :NA	

## (57) Abstract:

Energy -efficient fenestration assemblies that effectively secure substrates, such as window films, are described. The fenestration assembly includes: (1) a base frame capable of having secured thereon a substrate; and (2) a tensioner capable of engaging with the base frame such that when the base frame has secured thereon the substrate, the tensioner places the substrate under tension relative to the base frame.

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

(21) Application No.2784/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :04/06/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHODS FOR DETERMINING REACTIVE INDEX FOR CEMENTITIOUS COMPONENTS , ASSOCIATED COMPOSITIONS, AND METHODS OF USE

(51) International classification	:C09K8/46,C09K8/50,E21B33/13	(71)Name of Applicant:
(31) Priority Document No	:13/662155	1)HALLIBURTON ENERGY SERVICES INC.
(32) Priority Date	:26/10/2012	Address of Applicant :10200 Bellaire Blvd., Houston, Texas
(33) Name of priority country	:U.S.A.	77072 U.S.A.
(86) International Application	:PCT/US2013/066767	(72)Name of Inventor:
No	:25/10/2013	1)MORGAN ,Ronnie G.
Filing Date	.23/10/2013	2)BRENNEIS, D. Chad
(87) International Publication	:WO 2014/066734	3)RODDY, Craig W.
No	. 11 0 2014/000754	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 11 1	

## (57) Abstract:

A variety of methods and compositions are disclosed, including, in one embodiment, a method of cementing comprising: providing a settable composition comprising water and a cementitious component having a determined reactive index; and allowing the settable composition to set to form a hardened mass.

No. of Pages: 31 No. of Claims: 21

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: FIBER OPTIC CASSETTE

### (57) Abstract:

A fiber optic cassette includes a body defining a front and an opposite rear. A cable entry location is defined on the body for a cable to enter the cassette, wherein a plurality of optical fibers from the cable extend into the cassette and form terminations at non-conventional connectors adjacent the front of the body. A flexible substrate is positioned between the cable entry location and the non-conventional connectors adjacent the front of the body , the flexible substrate rigidly supporting the plurality of optical fibers. Each of the non conventional connectors adjacent the front of the body includes a ferrule , a ferrule hub supporting the ferrule, and a split sleeve surrounding the ferrule.

No. of Pages: 91 No. of Claims: 29

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ELECTRIC BRAKE ACTUATOR WITH PARKING FUNCTION

(51) International (71)Name of Applicant: :B60T17/22,F16D65/18,F16D121/24 classification 1)NTN CORPORATION (31) Priority Document No :2012235295 Address of Applicant :3- 17, Kyomachibori 1- chome, Nishi-(32) Priority Date :25/10/2012 ku, Osaka- shi, Osaka 550-0003 Japan (72) Name of Inventor: (33) Name of priority :Japan country 1)Yuuki SAOYAMA (86) International 2)Makoto MURAMATSU :PCT/JP2013/078167 Application No :17/10/2013 Filing Date (87) International :WO 2014/065184 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

## (57) Abstract:

This electric brake actuator with a parking function is provided with: a detecting means (35) that is installed in a vehicle in which the electric brake actuator is mounted and is capable of detecting movement of the vehicle from a stopped state; and a determining means (39) that, when a locking mechanism (5) is driven by the actuator (30) so as to switch from an unlocked state to a parking lock state, determines whether or not the locking mechanism (5) has transitioned to the parking lock state by using a detection signal output from the detecting means (35).

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

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DEVICE FOR PRESSURIZING FLUID

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :	B63J 100224340 23/12/2011 Taiwan NA NA NA NA NA NA NA	,
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#### (57) Abstract:

A device for pressurizing fluid comprises a fluid pumping portion, a relatively high revolution power source, and a reduction apparatus. The fluid pumping portion includes a pressure-increasing valve, an inlet, and an outlet. The relatively high revolution power source can produce a power with relative high revolution and relative low torque. The reduction apparatus is to convert the power with relative high revolution and relative low torque into a converted power with relative low revolution and relative high torque so that it is able to drive the pressure-increasing valve so as to increase the pressure of fluid. So, it can reduce the cost significantly. It can save space. The transmission direction can be altered depending on different requirement. There are more options about electric motor's specification. In addition, more electric motor's suppliers can be selected. Plus, the supply for the power with relative high revolution is more stable.

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

(21) Application No.2889/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS GRINDING UNIT AND PRODUCTION OF A HYDRAULIC BINDER

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:1260243 :26/10/2012 :France :PCT/EP2013/072379 :25/10/2013 :WO 2014/064243 :NA :NA	(71)Name of Applicant:  1)LAFARGE  Address of Applicant:61 rue des Belles Feuilles, F- 75116  Paris France (72)Name of Inventor:  1)DUMONT, Didier;  2)MARTIN, Mylene;
(62) Divisional to Application Number Filing Date	:NA :NA	
		•

### (57) Abstract:

The present invention relates to a compression grinding process of at least one component of a hydraulic binder said process comprising the compression of a bed of material (M) formed by this or these component(s) in a grinding zone (30) said process further comprising the addition of oil to the bed of material via distribution means (66) located upstream of the inlet (32) to the grinding zone.

No. of Pages: 18 No. of Claims: 0

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

:NA

# (54) Title of the invention : DOWNLINK SERVICE PATH DETERMINATION FOR MULTIPLE SUBSCRIPTION BASED SERVICES IN PROVIDER EDGE NETWORK

:H04L29/08,H04L12/851 (71)Name of Applicant : (51) International classification (31) Priority Document No :13/666779 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant: S 164 83 Stockholm Sweden :01/11/2012 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No :PCT/IB2013/059758 1)BALASUBRAMANIAN, Chandramouli; Filing Date :29/10/2013 2)KEAN, Brian; (87) International Publication No :WO 2014/068484 3)OWENS, Peter; (61) Patent of Addition to Application 4)APOSTOLOPOULOS George :NA Number 5)LAKSHMIKANTHAN, Ramanathan; :NA Filing Date (62) Divisional to Application Number :NA

#### (57) Abstract:

Filing Date

A method performed in a network element of a provider edge network to determine a downlink service path for a downlink packet. The method includes preserving an indication of the downlink service path while processing an uplink packet that has been transmitted from a subscriber end station toward a provider end station. The method also includes receiving the downlink packet at a line card of the network element. The downlink packet has been transmitted from the provider end station toward the subscriber end station. The method further includes determining at the line card the downlink service path for the downlink packet by using the indication of the downlink service path that was preserved while processing the uplink packet. The downlink service path is operable to identify a plurality of services and an order in which the plurality of services are to be performed on the downlink packet.

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

(21) Application No.638/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: FLASH REDIRECTION WITH CACHING

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dell Products L.P.
(32) Priority Date	:NA	Address of Applicant :One Dell Way, Round Rock, Texas
(33) Name of priority country	:NA	78682-2244, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAMANUJAM KANIYAR VENKATESH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

In particular embodiments, a server loads in a browser a webpage including flash content including an ActionScript, the ActionScript including at least one function. The browser loads a flash redirection plugin and requests the plugin to execute the ActionScript. The plugin determines whether a cache at the server includes the function, and if the cache includes the function, the plugin determines a result associated with the function in the cache and returns the result to the browser.

No. of Pages: 69 No. of Claims: 20

(21) Application No.913/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A SOFTWARE SERVICE INFRASTRUCTURE AND METHOD INCLUDING A FEDERATED MODEL

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Potent of Addition to Application Number</li> </ul>	:G06C :13/083,875 :11/04/2011 :U.S.A. :NA :NA	1 ,
(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A SOFTWARE SERVICE INFRASTRUCTURE AND METHOD INCLUDING A FEDERATED MODEL Abstract Of The Invention A software service infrastructure (SSI) (100) that includes a federated model is also includes a plurality of application programs (106a....106n) a computing device (104) that utilizes the application programs and is coupled to the plurality of application programs through a communication network (102) and a data repository (108) coupled to the communication network and configured to receive request (212) for data stored in the federated models from the plurality of application programs and provide responses to the requests is disclosed. The data repository includes first and second directory servers (204 206) each containing a copy of the federated model and a control element (202) that directs the request for data stored in the federated model to either the first or second directory server based on usage amounts of the first and second directories.

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

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHODS AND SYSTEMS FOR DISTRIBUTING SOLAR ENERGY CHARGING CAPACITY TO A PLURALITY OF ELECTRIC 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 Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:G11B :13/082,448 :08/04/2011 :U.S.A. :NA :NA :NA	r
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

A method of distributing charge capacity to electric vehicles in a charging system that includes a solar charge capacity generated locally. The method may include: determining a requested charge for the plurality of electric vehicles calculating a requested charge time the solar charge capacity comprising the total charging capacity of the charging system via solar generated energy; calculating a charge time capacity the charge time capacity comprising the available charge time of the charging system; comparing the requested charge to the solar charge capacity; comparing the requested charge time to the charge time capacity; and if it is determined that either the requested charge is greater than the solar charge capacity or the requested charge time is greater than the charge time capacity auctioning the solar charge capacity to operators of the plurality of electric vehicles.

No. of Pages: 30 No. of Claims: 22

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS AND APPARATUS FOR IMPROVING THE COMBUSTION OF SECONDARY FUEL IN A ROTARY KILN AND PROCESS FOR RETROFITTING A ROTARY KILN WITH A BURNER ASSEMBLY

:F27B7/32,F27B7/34,F27B7/36 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)L'AIR LIOUIDE.SOCIETE ANONYME POUR :12187645.2 (32) Priority Date L'ETUDE ET L'EXPLOITATION DES PROCEDES :08/10/2012 (33) Name of priority country **GEORGES CLAUDE** :EPO (86) International Application No :PCT/EP2013/070736 Address of Applicant: 75, Quai d'Orsay, F-75007 Paris France (72)Name of Inventor: Filing Date :04/10/2013 (87) International Publication No: WO 2014/056804 1)RHEKER, Frank; (61) Patent of Addition to 2)HOLSCHER, Dirk; :NA **Application Number** 3)KLEIN, Robert; :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

## (57) Abstract:

The present invention relates to a process and apparatus for improving the combustion of a secondary fuel (10) supplied in a first stream (7) in a rotary kiln (1), wherein the rotary kiln (1) has a burner assembly (9) comprising a main burner (5) and a plurality of feed channels (16, 17, 18, 19, 20) for various media, of which one (19) is designed for the supply of a secondary fuel (10), in particular in the form of particles or shreds in a stream of compressed air. According to the invention, a tubular oxygen lance (12) for an oxygen-rich gas, in particular, technical grade gaseous oxygen (11), or an oxygen-rich liquid, in particular, technical grade liquid oxygen (11), with an angled nozzle (14) at its end, is arranged in or on a feed channel (20) of the burner assembly (9), whereby the oxygen lance (12) is brought into such a position that the oxygen (11) emerging from a nozzle (14) forms a second stream (8) that strikes a first stream (7) of secondary fuel. The present invention may be considered for new constructions of burner assemblies for rotary kilns, but mainly serves for retrofitting existing burner assemblies in which mostly feed channels are available as required for inserting an oxygen lance in the present invention. Targeted delivery of gaseous or liquid oxygen, or oxygen-enriched gas or liquefied gas to a secondary fuel can significantly improve the combustion process and consequently significantly reduce exhaust emissions, in particular, the emission of carbon monoxide.

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

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: IMPROVED PROCESS FOR PREPARING ENVIRONMENT FRIENDLY PAINTS

<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>	:C09D :NA :NA :NA	(71)Name of Applicant:  1)Indian Council of Agricultural Research (ICAR)  Address of Applicant: Krishi Bhavan, New Delhi Delhi India  (72)Name of Inventor:
(86) International Application No	:NA	1)Dr. Anne Sharada Devi
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

ABSTRACT An improved, eco-friendly process for making organic paints used for idol and/or interior paintings comprising the steps of grinding of cleaned pieces of dry flowers / plant material to a fine powder essentially of a size of below 50 mesh, then mixing the fine powder with water to make a solution, boiling the solution and then cooling the boiled solution for about 4 to 6 hours, then characterizing the solution by subjecting it to ultra-sonication for reducing the size of natural pigments therein, and then mixing fillers, gum and preservative of food grade to the characterized solution.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CONVEYING DEVICE FOR POWDERY AND/OR GRANULATED MATERIAL

<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>	:C11C :11160513.5 :30/03/2011 :EUROPEAN UNION :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY, Germany (72)Name of Inventor: 1)HERBERT UNGERECHTS 2)HANS-JORG FRANK 3)DIETER SCHOLTEN 4)MARKUS HAGEDORN
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### (57) Abstract:

A conveying device for free-flowing fine-particle solids, in particular for powdery and/or granular (mixed) material, especially plastic granulate, includes a vertically arranged and flexibly mountable telescopic pipe for the conveyance of, preferably, polymer granulates, for example in a plant for the filling of polymer granulates.

No. of Pages: 14 No. of Claims: 15

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD OF PREPARING GOAT MEAT AND MILK BISCUITS

(51) International classification	:A23L :NA	(71)Name of Applicant : 1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(31) Priority Document No (32) Priority Date	:NA :NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI- 110001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VINCENTRAJU RAJKUMAR
(87) International Publication No	:NA	2)ARUN KUMAR DAS
(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 preparing and producing a nutritious, high fibre, shelf-stable goat meat or milk protein based snack food products called goat meat or milk biscuits is disclosed. The process involves using proteinaceous material such as, raw comminuted meats that are dried to the moisture level below 5 percent in a hot air oven after mixing with salt and spice mixture. Prior to using the dried meat, it is further powdered to relatively small particles sizes to provide uniform dispersion of the meat components with the farinaceous (refine wheat flour, powdered oat fibre) components of the mixture. This blend containing meat protein, fibre and goat milk, refined wheat flour, sugar or common salt, goat milk cream, butter, milk powder, vanilla powder, essence, pineapple flavor, ammonium bicorbonate to make dough and is subjected to baking at  $200\pm5^{\circ}\text{C}$  to obtain the goat meat or milk biscuit. Flavorings, tasty spices may be topically applied to the meat or milk biscuit prior to packaging.

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

(21) Application No.2853/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: A THERAPEUTIC COLLAR

(51) International classification	:A61F7/00	(71)Name of Applicant:
(31) Priority Document No	:MO2012A000246	1)NEURON GUARD S.R.L.S.
(32) Priority Date	:10/10/2012	Address of Applicant :Via Castelvetro 15, 1 -41124 Modena
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/IB2013/059262	(72)Name of Inventor:
Filing Date	:10/10/2013	1)GIULIANI, Enrico;
(87) International Publication No	:WO 2014/057450	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A therapeutic collar (1) comprising: an annular body (2) having a longitudinal axis (A) and comprising two sections (3, 4) that are adapted to be opened apart, and define a front section, a rear section and two lateral connecting zones; a dividing plane (2A) between said two sections (3, 4), which is parallel to said longitudinal axis (A); an opening/closing device (6) for said two sections (3, 4); an inner wall (3A) and an outer wall (3B) of said annular body (2), which are concentric with each other; cooling means located at the front section, said annular body (2) further comprising second cooling means (7) associated with said inner wall (3A) at least at said lateral zones and rear section.

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

(21) Application No.610/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : IDENTIFICATION KIT FOR IDENTIFYING THE PRESENCE OF NATURAL DYE IN DYED TEXTILE

(51) I	D0CD	
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:NA	1)Indian Council of Agricultural Research (ICAR)
(32) Priority Date	:NA	Address of Applicant :Krishi Bhavan, New Delhi Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Anne Sarada Devi
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

ABSTRACT The present invention. related to an identification kit for identifying the presence of natural dye in a dyed textile. The identification kit comprises of an identification solution, textile swatches dyed in 12 natural dyes with alum as common mordant and colour images of dyed textiles after treatment with identification solution that facilitates identification.

No. of Pages: 6 No. of Claims: 4

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: 'WIRING STRUCTURE FOR MOTOR SHAFT OF ELECTRIC VEHICLE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> </ul>	:NA :NA :NA	(71)Name of Applicant:  1)HONDA MOTOR CO., LTD.  Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN Japan (72)Name of Inventor:  1)JIANG YUN  2)QIAN BEIBEI
<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	
6		

#### (57) Abstract:

A wiring structure for a motor shaft of an electric vehicle is relatively simple and is capable of protecting a wire connected to a motor stator. The electric vehicle has a propulsive in-wheel drive motor (58) disposed in a wheel (56). The drive motor (58) has a motor shaft (50) serving as an axle, the motor shaft (50) having opposite ends nonrotatably fixed to a vehicle frame assembly by axle supports (18L, 18R, 46L, 46R), a stator (110) fixed to the motor shaft (50) in the wheel (56), a rotor (112) fixedly disposed in the wheel (56), and a wire extending through the motor shaft (50) and connected to the stator (110). The motor shaft (50) has a through hole (144) defined therein inwardly of one of the ends of the motor shaft (50) and inwardly of the axle supports (18L, 18R, 46L, 46R), and the wire extends through hole (144) and is connected to the stator (110).

No. of Pages: 67 No. of Claims: 10

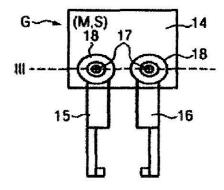
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CONTAINER TREATMENT MACHINE AND METHOD OF TREATING CONTAINERS

#### (57) Abstract:

In a container treatment machine (3) with at least one gripper (G), which can be compulsorily transported along a predetermined transport section for handling a preform (P) or container (B) during transport and/or acceptance and/or delivery and comprises, at a holder (14) retaining at least two gripper claws (15, 16), at least one controllable electric or magnetic drive for the gripper claws, wherein the gripper claws can be moved relative to each other in opening and closing directions and at least between defined gripping and release positions, each gripper claw (15, 16) can be individually separately actuated by the drive in the opening and/or closing direction relative to another gripper claw of the gripper, or both gripper claws (15,16) can be actuated together in the same direction.

FIG. 2



No. of Pages: 61 No. of Claims: 22

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PROCESS FOR PREPARATION OF AYURVEDIC FLAVORED MILK AND WHEY DRINK

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARUN KUMAR DAS
(87) International Publication No	:NA	2)VINCENTRAJU RAJKUMAR
(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 preparing and producing a nutritious, fibre rich, immunomodulating milk product called Ayurvedic flavoured milk or whey drink milk food product is disclosed. The process involves using the various nuts, pasteurized milk and addition of various herbal materials. In the process various nuts are added to modify the fatty acid composition of the final product. These blend containing milk protein, fibre, and herbal mixture to make the final product. The product is heated to a core temperature of 100°C to obtain the Ayurvedic flavoured milk product or whey drink milk product. Flavorings like fresh mint leaves may be topically applied to the product before to packaging.

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

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: METHOD FOR REGULATING A POWER SUPPLY 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>	:30/10/2012 :WO 2014/067557 :NA :NA	(71)Name of Applicant:  1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 M½nchen Germany (72)Name of Inventor: 1)ILO, Albana;
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The object- oriented invention relates to a method for regulating an entire power supply system (EV). In this case , this power supply system (EV) has three supply levels (VE1, VE2, VE3). Each of the three supply levels (VE1, VE2, VE3) is considered to be a separate regulatory unit (RE1, RE2, RE3) and is regulated independently of the other supply levels (VE1, VE2, VE3). An interface between two respective regulatory units (RE1, RE2, RE3) is defined by control of the active power and reactive power transmitted between the two regulatory units (RE1, RE2, RE3). Appropriate control of the active power (P) and reactive power (Q) transmitted between the regulatory units allows these regulatory units (RE1, RE2, RE3) to be isolated from one another in terms of power or connected to one another in terms of power. In the case of the method according to the invention a power supply system (EV) is ideally regarded as a chain of separate regulatory units (RE1, RE2, RE3) for supplying power. This allows efficient and safe operation and local control of a power supply system (EV) to which locally produced power is supplied for example on different supply levels (VE1, VE2, VE3). In addition, the method according to the invention advantageously maintains a low number of data items to be interchanged between the supply levels (VE1, VE2, VE3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2909/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015

(43) Publication Date: 11/09/2015

### (54) Title of the invention: MELT PROCESSED POLYMER COMPOSITION DERIVED FROM LEAF SHEATHS OF TREES OF THE GENUS ARECACEAE

(51) International :C08L23/12,C08L67/04,C08L97/00 classification

(31) Priority Document No :2009601

(32) Priority Date :09/10/2012 (33) Name of priority country: Netherlands

(86) International Application :PCT/NL2013/050719

No

:09/10/2013 Filing Date

(87) International Publication :WO 2014/084724

(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)HEMCELL B.V.

Address of Applicant : Dorpsstraat 183, NL -4451 KE

Heinkenszand Netherlands (72) Name of Inventor:

1)OSSE ,Nicolaas Wilhelmus Ladislaus

The invention relates to a novel polymer as well as to a method for the preparation of a polymer or polymer blend comprising a novel new matrix component, to a method for the preparation of the said first matrix component, to a method for the preparation of an article comprising the said polymer or polymer blend as well as to an article comprising the said polymer or polymer blend.

No. of Pages: 36 No. of Claims: 49

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A QUANTUM CASCADE LASER BASED PORTABLE DETECTION SYSTEM FOR REMOTE SENSING OF EXPLOSIVES, HAZARDOUS CHEMICALS AND BIO AGENTS

(51) International classification	:H01N	(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
Filing Date	:NA	Delhi 110011, India; Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)SHARMA, Ramesh Chand
Filing Date	:NA	2)KUMAR, Deepak
(62) Divisional to Application Number	:NA	3)MAINI, Anil Kumar
Filing Date	:NA	

#### (57) Abstract:

A Standoff quantum cascade Laser Photoacoustic Spectroscopy system with greater sensitivity, selectivity, improved Signal to Noise Ratio (SNR) and greater detection range. The system capable to detect traces in solid, Liquid and Vapor/ Gaseous phase of explosive, hazardous chemicals/chemical warfare agents, biological warfare agents, green houses gases and pollutant gases, the precise monitoring of trace gases including the detection of environmental pollutants, tracking of contaminants in closed environmental systems, medical diagnostics, defense, and homeland security. The system comprising: a quantum cascade tunable laser source to emit modulated pulse towards the target; a detector (120) coated with a layer of carbon black or TiO2 and comprises of a resonant cavity for detecting the pulses back scattered/reflected by the target; and a means for analyzing signals obtained from detector and display device for displaying information about target (110).

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : USE OF HERBAL PLANT MATERIALS AND EXTRACTS TO PREPARE FUNCTIONAL HERBAL BASED MEAT PRODUCT

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VINCENTRAJU RAJKUMAR
(87) International Publication No	:NA	2)ARUN KUMAR DAS
(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 preparing and producing a nutritious, high fibre, immunomodulating meat protein based food products called Herbal based meat product is disclosed. The process involves using proteinaceous material such as, raw comminuted meats that are minced and bowl chopped after mixing with polyphosphate, sodium nitrite, salt and spice mixture. This blend containing meat protein, fibre, refined wheat flour, common salt, maida, refined vegetable oil and herbal mixture to make emulsion and is subjected to cooking to an internal core temperature of 75±5°C to obtain the Herbal based meat product. Flavorings, tasty spices, may be topically applied to the product before to packaging.

No. of Pages: 5 No. of Claims: 8

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: GEARBOX WITH PASSIVE LUBRICATION 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>	:F24H :61/469,838 :31/03/2011 :U.S.A. :NA :NA	Address of Applicant :P.O. BOX 482, FORT WORTH, TEXAS 76101, UNITED STATES U.S.A. (72)Name of Inventor:  1)POSTER, SCOTT, D.
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li></ul>	:NA :NA	2)ELLIOTT, DAVID, A. 3)COPE, GARY, A.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

#### (57) Abstract:

A lubrication system includes a reserve housing configured to retain a lubrication fluid. A supply line in fluid communication with the reserve housing is configured to provide pressurized lubrication fluid to the reserve housing. An overflow tube has an overflow port, the overflow tube being configured to prevent the volume of the lubrication fluid from exceeding a certain amount. A metering jet is configured to allow the lubrication fluid to flow from the reserve housing onto a component, such as a bearing, in the gearbox at a predetermined rate. The metering jet provides flow of the lubrication fluid onto the bearing even when the supply line no longer provides pressurized lubrication fluid to the reserve housing.

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

(21) Application No.937/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: A METHOD AND AGENT FOR THE PREVENTION OF CERVICAL CANCER

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S INDIAN COUNCIL OF MEDICAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :V.RAMALINGAASWAMI
(33) Name of priority country	:NA	BHAWAN, ANSARI NAGAR, NEW DELHI-110029, Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)JAYANTI MANIA PRAMANIK
(61) Patent of Addition to Application Number	:NA	2)HEMANT B. PONGAONKAR
Filing Date	:NA	3)SHILPA CHANDRAKANT KERKAR
(62) Divisional to Application Number	:NA	4)PRIYANKA SHREEKRISHNA GOKHALE
Filing Date	:NA	

#### (57) Abstract:

This invention relates to an agent for the prevention of cervical cancer, said agent being Human Papillomavirus (HPV) type 18, which when present alone or in combination with at least one type of HPV type 6,16,31,33,51,58,59.

No. of Pages: 10 No. of Claims: 2

(21) Application No.959/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SELF PUMPING AND PRIMING ADHESIVE JOINT 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>	:B23B :61/471,232 :04/04/2011 :U.S.A.	
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)SOTTIAUX, DANIEL, P.
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number Filing Date</li></ul>	:NA :NA :NA	2)STAMPS, FRANK, B.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A tube form assembly includes an inner member and an outer member. Each of the inner and outer members has an offset which creates a cavity therebetween. During assembly of the tube form assembly, an adhesive is located in the cavity and squeezed out and through the adjacent bond lines between the inner member and outer member. The pressurization and flow of adhesive outward from the cavity facilitates removal of air bubbles, as well as prevents the introduction of air bubbles into the bond line.

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: MODIFICATION AND OPTIMIZATION OF OF A LIGHT MANAGEMENT LAYER

(51) International classification	·G06C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MOSER BAER INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :43B, OKHLA INDUSTRIAL ESTATE,
(33) Name of priority country		NEW DELHI - 110020. INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RUTTEN JOS
(87) International Publication No	:NA	2)ERVEN, ROB VAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method for manufacturing an optoelectronic device is provided. The method includes providing a substrate. Thereafter, the method includes providing a lacquer layer on the substrate. The method further includes providing light management texture in the lacquer layer. Providing light management texture in the lacquer layer includes providing a replication substrate having a negative texture and imprinting the negative texture into the lacquer layer using the replication substrate, such that the light management texture is created in the lacquer layer. Furthermore, the method includes providing a first electrode layer on the lacquer layer. The method further includes etching, prior to deposition of first electrode layer, to enable formation of less steep light management texture in the lacquer layer and subsequently less steep texture on first electrode layer by etching at least one of the textures in the production of the negative texture on the replication substrate, or the light management texture on the lacquer layer itself.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2721/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PROCESS FOR THE PREPARATION OF LENALIDOMIDE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C07D 401/04 :NA :NA :NA :NA :PCT/IB2010/053981 :03/09/2010 :WO 2011/027326 :NA :NA :NA	(71)Name of Applicant:  1)RANBAXY LABORATORIES LIMITED Address of Applicant:12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI - 110019, INDIA. Delhi India (72)Name of Inventor: 1)MUNISH KAPOOR 2)SARIDI MADHAVA DILEEP KUMAR 3)BALAGURU MURUGESAN 4)SWARGAM SATHYANARAYANA 5)RAJESH KUMAR THAPER 6)MOHAN PRASAD
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<sup>(57)</sup> Abstract:

The present invention relates to process for the preparation of lenalidomide.

No. of Pages: 17 No. of Claims: 12

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: WATER AND OIL REPELLENT COATING FILM AND ARTICLE CONTAINING SAME

(71)Name of Applicant: 1)TOYO ALUMINIUM KABUSHIKI KAISHA (51) International classification :C09D7/12,C09C1/28,C09C1/36 (31) Priority Document No Address of Applicant :6 8 Kyutaromachi 3 chome Chuo ku :2012227541 (32) Priority Date Osaka shi Osaka 5410056 Japan :13/10/2012 (33) Name of priority country 2)NIPPON AEROSIL CO. LTD. :Japan (86) International Application No: PCT/JP2013/065864 (72)Name of Inventor: Filing Date :07/06/2013 1)YAMADA, Kazunori (87) International Publication No: WO 2014/057712 2) SEKIGUCHI, Tomonobu (61) Patent of Addition to 3)NISHIKAWA, Hiroyuki :NA **Application Number** 4)OE, Hiroshi :NA Filing Date 5)TERASAWA, Yuya (62) Divisional to Application 6)KAMADA, Masahiko :NA Number 7)MORII, Toshio :NA 8)TOSAKI, Yusuke Filing Date 9)YAMASHITA, Yukiva

#### (57) Abstract:

The present invention pertains to a water and oil repellent coating film formed on the surface of a material in order to impart water repellency and oil repellency the coating film being characterized in that (1) the coating film contains metal oxide composite particles (2) the metal oxide composite particles contain a) metal oxide particles and b) a coating layer containing polyfluoroalkyl methacrylate resin formed on the surface thereof and (3) the value obtained by dividing the fluorine content (wt%) of the metal oxide composite particles by the surface area (m/g) of the metal oxide particles is 0.025 to 0.180.

No. of Pages: 57 No. of Claims: 12

(21) Application No.2881/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: FLEXIBLE DISPLAY APPARATUS AND DISPLAY METHOD THEREOF

(51) International classification :G06F3/01,G06F3/048,G06F3/14 (71) Name of Applicant: (31) Priority Document No :1020120102633 1)SAMSUNG ELECTRONICS CO. LTD. (32) Priority Date :17/09/2012 Address of Applicant: 129 Samsung ro Yeongtong gu Suwon (33) Name of priority country si Gyeonggi do 443 742 Republic of Korea :Republic of Korea (72)Name of Inventor: (86) International Application :PCT/KR2013/008461 1)SEO, Joon-kyu; No :17/09/2013 Filing Date 2)KIM, Hyun-jin; (87) International Publication No:WO 2014/042495 3)KUMAR, Nipun; (61) Patent of Addition to 4)SOHN, Jung-joo; :NA **Application Number** 5)LEE, Geun-ho :NA Filing Date

(57) Abstract:

Filing Date

Number

A flexible display apparatus configured to sense deformation of the flexible display apparatus control display of an object displayed on the flexible display apparatus based on the deformation and execute operations based on the displayed object.

No. of Pages: 71 No. of Claims: 14

(62) Divisional to Application

:NA

:NA

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 11/09/2015

### (54) Title of the invention: FLEXIBLE DISPLAY APPARATUS AND CONTROL METHOD THEREOF

(51) International classification :G06F3/01,G06F3/14,G06F3/048 (71) Name of Applicant : :1020120102929 (31) Priority Document No

(32) Priority Date :17/09/2012 (33) Name of priority country :Republic of Korea

(86) International Application :PCT/KR2013/008462 No

:17/09/2013 Filing Date

(87) International Publication No:WO 2014/042496

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)SAMSUNG ELECTRONICS CO. LTD.

Address of Applicant :129 Samsung ro Yeongtong gu Suwon

si Gyeonggi do 443 742 Republic of Korea

(72) Name of Inventor: 1)SEO, Joon-kyu

2)KANG, Kyung-a; 3)KUMAR, Nipun;

4) LEE, Yong-yeon; 5)LEE, Geun-ho;

#### (57) Abstract:

A flexible display apparatus is provided. The flexible display apparatus includes: a display that is bendable a sensor configured to sense deformation of the display and a controller configured to perform an operation corresponding to the sensed shape deformation in response to the sensed deformation being shape deformation in which the display is alternately bent in opposing directions within a predetermined time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.957/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PREPARATION OF ANHYDROUS AMINO THIAZOLE DERIVATIVE

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NECTAR LIFESCIENCES LTD.
(32) Priority Date	:NA	Address of Applicant :VILLAGE: SAIDPURA, TEHSIL:
(33) Name of priority country	:NA	DERABASSI DISTT: MOHALI-140507, PUNJAB, INDIA
(86) International Application No	:NA	Punjab India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SAHOO PRABHAT KUMAR
(61) Patent of Addition to Application Number	:NA	2)SHAH MAHAVIR DILIPKUMAR
Filing Date	:NA	3)JAYARAO MANIKUMAR
(62) Divisional to Application Number	:NA	4)SINGH MANJIT
Filing Date	:NA	

## (57) Abstract:

The present application relates to process for the preparation of anhydrous (2Z)-[(acetyloxy)imino]{2-amino-1,3-thiazol-4-yl)ethanoic acid of Formula I, an intermediate for cefdinir of Formula II

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

(21) Application No.979/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : CONTROL OF COMPRESSION SYSTEM WITH INDEPENDENTLY ACTUATED INLET GUIDE AND/OR STATOR VANES

(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 (20) Name of Inventor: (34) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (35) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (36) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (37) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NEW YORK 12345, UNITED STATES OF All (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) Name of Inventor: (38) NAME OF TABLES OF ALL (72) NAME OF TABLES OF ALL (72) NAME OF TABLES OF ALL (72) NAME OF TABLES OF TAB	
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#### (57) Abstract:

A compression system (10) includes a compressor (300) with independently adjustable inlet guide vanes (IGV (312)) and variable stator vanes (VSV (314)). IGV and VSV control units (152,162) produce respective IGV/VSV reference commands (130, 140) responsive to respective first and second inputs (170,172) that may be responsive to properties of the system (10). The second input (172) may be provided by a model of the compressor (300) or of the compression system (10) responsive to measured properties. The second input (172) may be an estimate of a property not directly observable, such as stall margin or efficiency.

No. of Pages: 35 No. of Claims: 11

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : OPT CAL DISC AND METHOD FOR RECORDING ON AND/OR REPRODUCING FROM THE SAME $\bullet$

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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 Filed on</li> </ul>	:G01R :2002-27949 :20/05/2002 :Republic of Korea :NA :NA :NA :NA :NA :105/DEL/2003 :16/04/2003	(71)Name of Applicant:  1)SAMSUNG ELECTRONICS CO. LTD.  Address of Applicant: 416 Maetan-dong Paldal-gu Suwoncity Kyungki-do Republic of Korea Republic of Korea (72)Name of Inventor:  1)Kyung-geun Lee 2)In-sik Park
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#### (57) Abstract:

An optical disc on which data is recorded and/or from which data is reproduced compri8ses a recording area where data is recorded in at least one physical cluster a d3efective area where a defect that prevents recording and/or reproduction of data is present in the recording area and a recording end area where information indicating an end of recording is recorded before the defective area. A method for recording data on and/or reproducing data from a high density optical disc having a defective area is performed by recording data in a predetermined recording area including the defective area and recording data indicating an end of recording before the defective area.

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

(21) Application No.912/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: STABLE READY TO USE PHARMACEUTICAL COMPOSITION OF PEMETREXED

(51) International classification	.∆61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FRESENIUS KABI ONCOLOGY LTD.
(32) Priority Date	:NA	Address of Applicant :B - 310, SOM DATT CHAMBERS - I,
(33) Name of priority country		BHIKAJI CAMA PLACE, NEW DELHI 110066, INDIA Delhi
(86) International Application No	:NA	India
	:NA	
Filing Date (87) International Publication No.	:NA	(72)Name of Inventor:
(87) International Publication No		1)KHATTAR, DHIRAJ
(61) Patent of Addition to Application Number	:NA	2)KHANNA, RAJESH
Filing Date	:NA	3)YUADAV, MUKTI
(62) Divisional to Application Number	:NA	4)BURMAN, KRISHANU
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a stable ready to use pharmaceutical composition comprising the known compound Pemetrexed that is free of any antioxidants or amino acids or chelating agents; which liquid composition is stable and pharmaceutically elegant.

No. of Pages: 18 No. of Claims: 28

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A DEVICE FOR INDICATING THE OPERATING PERFORMANCE OF LOCOMOTIVE AND LIKE VEHICLES 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</li> <li>Filing Date</li> </ul>	:B23B :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Sanjeev Kumar  Address of Applicant: 1201 URBAN ESTATE PHASE-1  JALANDHAR PUNJAB-144001. Punjab India (72)Name of Inventor:  1)Sanjeev Kumar
<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 device for indicating the operating performance of Locomotive is provided which indirectly measures the power generated by the traction alternator(2). A locomotive notch interface unit (8) is provided to sense the notch position / number and correlating it with the power generated with respect to the time it operates at each notch /number; and integrating it over a given locomotive run to provide resultant power generated index; a fuel level sensor to monitor the fuel consumption at each notch and/or by all the notches together in generating the said power for a given locomotive run; thereafter dividing the power generated index with respect to fuel consumption to measure the operating performance of the locomotive and if this index falls outside the optimum performance index the driver is alarmed to get the locomotive overhauled to save fuel.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :08/04/2015

(43) Publication Date: 11/09/2015

# (54) Title of the invention : METHODS AND REAGENTS FOR DETECTION , QUANTITATION ,AND SEROTYPING OF DENGUE VIRUSES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C12Q1/70 :61/709687 :04/10/2012 :U.S.A. :PCT/US2013/063238 :03/10/2013 :WO 2014/055746 :NA :NA :NA	(71)Name of Applicant:  1)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY  Address of Applicant: Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA 94306 U.S.A. (72)Name of Inventor:  1)PINSKY, Benjamin, A. 2)WAGGONER, Jesse
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#### (57) Abstract:

Methods and oligonucleotide reagents for diagnosing dengue virus infection are described. In particular , the invention relates to methods for detection , quantitation , and serotyping dengue virus , including serotypes 1-4. The dengue virus can be specifically detected by these methods even in samples containing other viruses , such as West Nile virus, Japanese encephalitis virus ,tick-born encephalitis virus ,HIV , or HCV.

No. of Pages: 74 No. of Claims: 65

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: WELDING PROCESS FOR LARGE 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> </ul>	:F24H :13/079854 :05/04/2011 :U.S.A. :NA :NA	(71)Name of Applicant:  1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)SZABO, ATTILA
<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	I)SZABO, ATTIZA

#### (57) Abstract:

A welding method that utilizes a friction stir welding (FSW) technique to weld large structures, for example, very large cylindrical tower sections of wind turbines. The method involves welding at least two workpieces together by metallurgically joining faying surfaces of the workpieces. The workpieces are placed together so that their faying surfaces face each other and a joint region is defined by and between the faying surfaces. The workpieces are then friction stir welded together by forcing a tool into the joint region, rotating the tool about an axis thereof to cause the tool to penetrate the joint region, and causing the tool to travel along the joint region to form a weld joint that metallurgically joins the faying surfaces and produces a welded assembly comprising the workpieces.

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

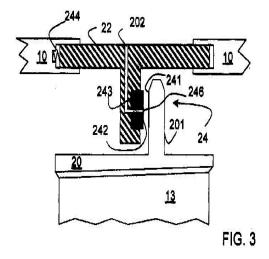
(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: FILM RIDING SEAL FOR TURBINES

(51) International classification :F16D (31) Priority Document No :00569/1 (32) Priority Date :29/03/2 (33) Name of priority country :China (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	
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#### (57) Abstract:

An improved seal is described for a turbine with a first sealing surface mounted on a stationary part of a turbine and a second sealing surface mounted on a rotating part of the turbine, the surfaces being structured such that in operation the thin film of a fluid medium is generated between the two surfaces reducing contact and/or leakage with at least one of the first or second sealing surface mounted such that it is subject to a retracting force which opens the seal while stationary or at slow rotation speeds of the turbine and subject to a force counteracting the retracting force at operational rotation speeds of the turbine. The surface of the sealing face may incorporate patterns straight or helical in nature to help induce the fluid into the gap and maintain the fluid film. FIG. 3



No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PHARMACEUTICAL COMPOSITION FOR WOUND HEALING AND PROCESS THEREOF

		(71)Name of Applicant:
(51) International classification	:A61K	1)Peeyush Kumar Sharma
(31) Priority Document No	:NA	Address of Applicant :Faculty of Pharmaceutical Sciences,
(32) Priority Date	:NA	Jodhpur National University, Narnadi, Jhanwar Road, Jodhpur,
(33) Name of priority country	:NA	Rajasthan, India Rajasthan India
(86) International Application No	:NA	2)BHANDARI, Anil
Filing Date	:NA	3)JOSHI, Vishnu Dutt
(87) International Publication No	: NA	4)JOSHI, Ashish
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JOSHI, Ashish
(62) Divisional to Application Number	:NA	2)JOSHI, Vishnu Dutt
Filing Date	:NA	3)BHANDARI, Anil
		4)SHARMA, Peeyush Kumar

#### (57) Abstract:

The present invention relates to the formulation of a pharmaceutical composition, the method development and validation for some of its active ingredients, their analysis in finished pharmaceutical composition using developed and validated methods and the in vivo use of this easily spreadable, water washable, semi-solid finished pharmaceutical composition containing antiamoebic, antibacterial, analgesic, local anesthetic and antioxidant agents for wound healing in mammals.

No. of Pages: 67 No. of Claims: 12

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : BIOCHEMICAL ASSAY TO ESTIMATE MAGNESIUM CONCENTRATION IN MILK FOR THE DETECTION OF MASTITIS

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LALA LAJPAT RAI UNIVERSITY OF VETERINARY
(32) Priority Date	:NA	& ANIMAL SCIENCES
(33) Name of priority country	:NA	Address of Applicant :College of Veterinary Sciences
(86) International Application No	:NA	Department of Veterinary Physiology & Biochemistry Hisar
Filing Date	:NA	125001 State: Haryana India Haryana India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GERA Sandeep;
Filing Date	:NA	2)GUHA Anirban;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates generally to the field of testing the quality of the milk. Particularly, the Invention provides a process of testing the quality of the milk by analyzing the concentration of magnesium in it. The process also extends its application to the detection of mastitis in dairy animals. The invention fbrthermore provides a kit for the application of said process.

No. of Pages: 22 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ROTOR BLADE DE-ICING 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	61/473,189 08/04/2011 U.S.A. NA NA NA NA	,
(62) Divisional to Application Number :	NA NA NA	

#### (57) Abstract:

An aircraft includes a heat absorbent material carried by an airfoil susceptible to ice buildup and a transmitter spaced apart from the heat absorbent material. A method includes the process of transmitting the heat energy from the transmitter to the heat absorbent material that in turn warms the airfoil to break apart ice buildup.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.982/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: GLASS-BASED SEALING

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MOSER BAER INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :43B, OKHLA INDUSTRIAL ESTATE
(33) Name of priority country	:NA	NEW DELHI- 110020. INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MULLER; JOOST
(87) International Publication 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 device having a glass-to-glass sealing structure is provided. The device further includes environmentally sensitive material sandwiched between two glass substrates. The glass-to-glass-to-glass sealing structure is provided between the two glass substrate and helps encapsulate the environmentally sensitive material between the two glass substrates. The glass-to-glass-to-glass sealing structure has a plurality of substantially continuous glass fibers having a substantially circular cross-section, which are arranged closely and substantially mutually parallel, such that the space between the glass fibers is filled with a matrix material, creating a glass-to-glass-to-glass integrated seal between the first substrate and the second substrate.

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ELECTRODE ARRANGEMENT FOR ROUND OLED ENABLING RETROFIT

<ul> <li>(51) International classification</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>	:G11B :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MOSER BAER INDIA LIMITED  Address of Applicant: 43B, OKHLA INDUSTRIAL ESTATE  NEW DELHI- 110020. INDIA Delhi India  (72)Name of Inventor:  1)MEULEN; JAN MATTHIJS TER
<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)VUGTS; LUDOVICUS LAMBERTUS THEODORUS

### (57) Abstract:

The invention provides an OLED that includes a planar substrate having a first side, a second side, a recess and one or more positioning notches. Further, the OLED also includes a first electrode layer provided on the first side of the planar substrate. The OLED also includes one or more light emitting layers on the first electrode layer and a second electrode layer provided on the one or more light emitting layers. The OLED also includes one or more first electrical contacts and one or more second electrical contacts, such that they are alternately placed around a periphery of the recess and form an annular arrangement proximal to the periphery. Further, according to the invention, the one or more first electrical contacts are in contact with the first electrode layer and the one or more second electrical contacts are in contact with the second electrode layer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.961/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DETECTION OF BACTERIA IN BIOLOGICAL FLUIDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) 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>	:C12N :13/091,446 :21/04/2011 :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 Filing Date</li> </ul>	:NA :NA :NA :NA :NA	1)KWAN, CYNDI LESLIE CHEN

#### (57) Abstract:

A method for detecting bacteria in biological fluids is provided, the method comprising placing a biological fluid possibly containing bacteria in a container, the container including a detergent for reducing the respiration of blood cells, and a bacterial growth promoter, and measuring and/or detecting the level of glucose in the biological fluid in the container, over a period of time. A system for carrying out the method is also provided.

No. of Pages: 21 No. of Claims: 8

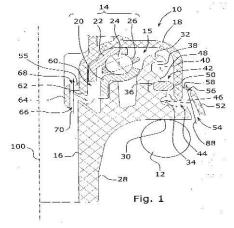
(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

### (54) Title of the invention: SUSPENSION STOP WITH REINFORCED SEALING

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	B66C 1100941 80/03/2011 France NA NA NA NA NA NA	(71)Name of Applicant:  1)NTN-SNR ROULEMENTS Address of Applicant: 1 RUE DES USINES, F C 74000 ANNECY, FRANCE France (72)Name of Inventor: 1)ANTHONY CHAMOUSSET
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#### (57) Abstract:

The invention relates to a suspension stop device (10)' for a suspension arm of a vehicle, the arm being provided with a coil spring. This device comprises a stop bearing (14) defining a rotation axis (100) of the device and provided with a bottom metal washer (20) turning with respect to a top metal washer (22); a support piece (16) made from synthetic material for transmitting to the bottom washer (20) forces exerted by the spring (12), the support piece (16) comprising a support zone for the bottom washer; a cover (18) covering the top washer (22) and delimiting with the support piece (16) a housing (15) for the bearing, the cover (18) being provided with a skirt (40) covering without contact a peripheral zone (32) of the support piece (16) and delimiting with the peripheral zone (32) of the support-piece an annular labyrinth (42), disposed radially outside the housing (15) and connecting the housing to the outside; and an annular deflector (52) delimiting with the skirt (40) of the cover at least one top opening (56) and with the support piece (16) at least one bottom opening (54), the top and bottom openings constituting top and bottom entry channels from the outside in the same entry portion (44) of the labyrinth.



No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : DEVICE AND METHOD FOR REDUCING TEMPERATURE OF BOMBE USING LATENT HEAT OF LPG VAPORIZATION

<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>	:Republic	(71)Name of Applicant: 1)HYUNDAI MOTOR COMPANY Address of Applicant:231 YANGJAE-DONG, SEOCHO-GU, SEOUL 137-938, REPUBLIC OF KOREA Republic of Korea 2)KIA MOTORS CORPORATION
<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>	of Korea :NA :NA :NA :NA :NA	(72)Name of Inventor: 1)SONG JU TAE 2)CHO CHEOL HUN 3)KIM MYEONG HWAN 4)KIM CHANG HAN
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A device for reducing the temperature of a bombe, which stores liquefied petroleum gas (LPG) fuel and may be connected to a fuel supply line for supplying the fuel to an injector, using latent heat of LPG vaporization, may include a fuel pump installed in the bombe and connected to an end of the fuel supply line for pressurizing the fuel, a cut-off valve installed in the fuel supply line for selectively cutting off fuel supply to the injector, a fuel collection line branched from the fuel supply line to the inside of the bombe for collecting the supplied fuel into the bombe when the cut-off valve may be closed, and an injection nozzle connected to the fuel collection line and injecting the fuel collected through the fuel collection line into the inside of the bombe.

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

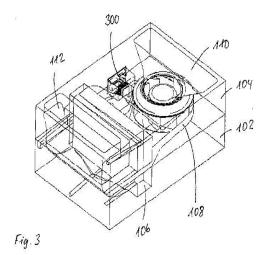
(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SELF-SUPPORTING COOLING 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> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:B23B :102011015859.6 :01/04/2011 :Germany :NA :NA :NA :NA	(71)Name of Applicant:  1)RITTAL GMBH & CO. KG Address of Applicant: AUF DEM STUTZELBERG, 35745 HERBORN, GERMANY Germany (72)Name of Inventor:  1)JORG CHRISTIAN KNETSCH 2)GIOVANNI MARAGONI 3)SEBASTIANO BONETTI
. ,		3)SEBASTIANO BONETTI
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A self-supporting cooling module, comprising a self-supporting cooling module body (102, 104) which is made of foamed resin material, a reference plane (A) being defined in said cooling module body (102, 104), wherein components are located in said cooling module body (102, 104) in a first operating position with respect to the reference plane in which all components operably interact, and a plurality of components (106,108,130) to be cooled or executing a cooling action, said components executing a cooling action include at least one heat exchanger, characterized in that said components (106, 108, 130) are introduced into said cooling module body (102,104) such that they operably interact also in a second operating position which, with respect to said first operating position, is rotated by 180° around an axis lying in said reference plane (A). [Fig 3]



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

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

(43) Publication Date: 11/09/2015

(54) Title of the invention: METHOD FOR PRODUCING AN INTEGRAL- ASYMMETRIC HOLLOW -FIBRE POLYMER MEMBRANE CONSISTING OF AN AMPHIPHILIC BLOCK COPOLYMER THE ,HOLLOW- FIBRE MEMBRANE OBTAINED AND THE USE THEREOF

(51) International :B01D71/80,B01D69/08,B01D69/02

classification

(31) Priority Document No :10 2012 221 378.3 (32) Priority Date :22/11/2012

(33) Name of priority country: Germany

(86) International

:PCT/EP2013/003320 Application No :05/11/2013 Filing Date

(87) International Publication :WO 2014/079538

(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)HELMHOLTZ ZENTRUM GEESTHACHT ZENTRUM FR MATERIAL UND KSTENFORSCHUNG GMBH

Address of Applicant: Max -Planck Str. 1, 21502 Geesthacht

Germany

(72) Name of Inventor:

1)ABETZ, Volker;

2)RADJABIAN, Maryam;

3)KOLL, Joachim;

4)BUHR, Kristian;

5)HANDGE, Ulrich;

6)LADEMANN,Brigitte:

#### (57) Abstract:

The invention relates to a method using a dry/wet spinning method for producing a self- supporting integral asymmetric hollow -fibre polymer membrane (16) having an isoporous outer skin, a porous inner skin and a sponge-like inner structure. The invention further relates to an integral asymmetric hollow-fibre polymer membrane (16), a filtration module and a use. The method according to the invention comprises the following method steps: production of a polymer solution having at least one solvent, in which at least one amphiphilic block copolymer having at least two different polymer blocks is dissolved; pressing the polymer solution through a spinneret (2) formed as a hollow-core nozzle or multiple hollow core nozzle to form a hollow fibre (12), in the centre of which a liquid column is spun, which consists of a precipitant having reduced precipitation activity; and after passing through a precipitation section (13) in an atmosphere, immersing the spun hollow-fibre (12) in a precipitation bath (14) to form the hollow fibre polymer membrane (16).

No. of Pages: 31 No. of Claims: 18

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

### (54) Title of the invention: SYSTEMS AND METHODS TO CONTROL AIR CONDITIONER SYSTEMS

		(71)Name of Applicant:
(51) International classification	:B66C	1)TRANE INTERNATIONAL INC.
(31) Priority Document No	:NA	Address of Applicant :1 CENTENNIAL AVE.
(32) Priority Date	:NA	PISCATAWAY, NEW JERSEY 08854 UNITED STATES OF
(33) Name of priority country	:NA	AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NAGPAL, SAMEER
(87) International Publication No	:NA	2)SHASHANK, ABHIVAV
(61) Patent of Addition to Application Number	:NA	3)RADHAKRISHNAN, GANESH
Filing Date	:NA	4)KOOLIYAT, ARIF
(62) Divisional to Application Number	:NA	5)BUDURI, ARUN
Filing Date	:NA	6)CHADAGA, PRASAD
		7)NADGOUDA, CHANDRASHEKHAR

#### (57) Abstract:

Systems and methods to control air conditioner systems are described including for example: automatic control and management of air conditioner systems to an energy efficient mode; system communication to a user to facilitate control of air conditioner systems to an energy efficient mode using an energy meter; control and management of multiple air conditioner units; control to activate/deactivate air conditioner systems using an electronic door lock. Additionally, a control of the electronic door lock, e.g. including a privacy mode, is described. Communication and control can be obtained by employing communications modules that have wireless mesh networking components, for example ZigBee modules. For example, such wireless mesh networking components, e.g. ZigBee modules, can be employed on a hand-held remote controller, on the air conditioner units present in the system, and sometimes on the electronic door lock.

No. of Pages: 58 No. of Claims: 27

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : ADVANCE GUI BASED TV-REMOTE CONTROL SYSTEM FOR TELEVISION WITH MULTI-CHANNELS LIST

(51) International classification (31) Priority Document No	:H04N5/445 :NA	(71)Name of Applicant: 1)HARISH JOSHI
(32) Priority Date	:NA	Address of Applicant :MB-13, THDC COLONY,
(33) Name of priority country	:NA	KEDARPURAM, P.O. DEFENCE COLONY, DEHRADUN-
(86) International Application No	:NA	248001, UTTARAKHAND. Uttarakhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HARISH JOSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The said invention help television users to operate their TVItelevision channels by GUI interface, which help I them to not to worry about channels sequence or dedicated assign number for a particular channel ,no body want to remember the sequence of channels mostly If we had hundreds of channels to choose from. This invention use No advance mobile Apps or software, No Big heavy hardware , just simple Modification of traditional remote control to work it perfectly ,which make it cheap and effective in design & working.

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

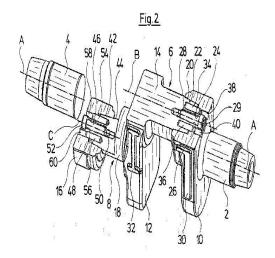
(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: A PISTON COMPRESSOR

(51) Intermetical electification	:B23B	(71)Nome of Applicant
(51) International classification	:D23D	(71)Name of Applicant:
(31) Priority Document No	:11 002 717.4	1)J.P. SAUER & SOHN MASCHINENBAU GMBH
(32) Priority Date	:01/04/2011	Address of Applicant :BRAUNER BERG 15, 24159 KIEL,
(33) Name of priority country	:EUROPEAN	GERMANY Germany
	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)PEER MISSFELDT
Filing Date	:NA	2)PETER DAHMS
(87) International Publication No	:NA	3)WOLFGANG WIEGERS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A piston compressor comprises at least one piston which is coupled in movement to a crankshaft, said crankshaft being designed in an at least two-part manner. The at least two parts of the crankshaft are connected to one another by way of a cone connection. (Fig. 2)



No. of Pages: 14 No. of Claims: 11

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: OCCLUSIVE DEVICE WITH POROUS STRUCTURE AND STRETCH RESISTANT MEMBER

(51) International classification (31) Priority Document No	:B23B :13/076,491	
(32) Priority Date (33) Name of priority country	:31/03/2011 :U.S.A.	Address of Applicant :325 PARAMOUNT DRIVE, RAYNHAM MA 02767, UNITED STATES OF AMERICA
(86) International Application No	:NA	U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)PETER FORSYTHE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)JUAN LORENZO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A stretch-resistant occlusive device having an elongated, substantially cylindrical porous elastomeric structure and at least one of an elongated stretch-resistant tube and at least one stretch-resistant filament. The porous structure lies within an elongated outer embolic structure such as a helically wound embolic coil.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2826/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ANTI-GITR ANTIBODIES

(51) International classification	:A61K39/395, C07K16/28	(71)Name of Applicant: 1)MERCK SHARP & DOHME CORP.
(31) Priority Document No	:61/239,667	Address of Applicant :126 East Lincoln Avenue, Rahway,
(32) Priority Date	:03/09/2009	New Jersey 07065, United States of America U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2010/047248	1)SCHEBYE, Xiao Min
Filing Date	:31/08/2010	2)ERMAKOV, Grigory, P.
(87) International Publication No	: NA	3)HODGES, Douglas, J.
(61) Patent of Addition to Application	:NA	4)PRESTA, Leonard, G.
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:1920/DELNP/2012	
Filed on	:02/03/2012	

#### (57) Abstract:

Antibodies to human GITR are provided, as well as uses thereof, e.g., in treatment of proliferative and immune disorders.

No. of Pages: 72 No. of Claims: 37

(22) Date of filing of Application :06/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : PORTABLE -TYPE OPERATION INSTRUCTION INPUT DEVICE AND DEVICE PROVIDED WITH PORTABLE -TYPE OPERATION INSTRUCTION INPUT DEVICE

(51) International classification	:G05B19/409,G06F3/041	(71)Name of Applicant:
(31) Priority Document No	:2012225001	1)CITIZEN HOLDINGS CO., LTD.
(32) Priority Date	:10/10/2012	Address of Applicant :1 -12 ,Tanashicho 6 -chome, Nishitokyo
(33) Name of priority country	:Japan	-shi ,Tokyo 188-8511 Japan
(86) International Application No	:PCT/JP2013/076893	2)CITIZEN MACHINERY MIYANO CO. LTD.
Filing Date	:03/10/2013	3)MITSUBISHI ELECTRIC CORPORATION
(87) International Publication No	:WO 2014/057854	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)Shigeo YANAGLDAIRA
Number	:NA	2)Takaichi NAKAYA
Filing Date	.NA	3)Hitoshi MATSUMOTO
(62) Divisional to Application Number	:NA	4)Kazuhi ko SANNOMIYA
Filing Date	:NA	5)Shoji ODA

#### (57) Abstract:

Provided is a sub operation panel (60) that is one example of a portable- type operation instruction input device, the panel being removably disposed to an automatic turning device main unit (10) and being provided with the following: an input section (66) into which the operation instructions for the automatic turning device main unit (10) are input; a display section (65) for displaying information related to the automatic turning device main unit (10); and a wireless communication section (67) for performing communication with the automatic turning device main unit (10). Provided is the sub operation panel, wherein formed between the sub operation panel (60) and the automatic turning device main unit (10), are the following: a detection means having a wireless ID tag (63) and a wireless ID reader (18) for detecting placement of the sub operation panel within a prescribed range of the automatic turning device main unit (10); and a control section (68) that in accordance with the detection results of the detection means allows or restricts operation of the automatic turning device main unit is restricted.

No. of Pages: 36 No. of Claims: 7

(21) Application No.2912/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :08/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: OXAZOLIDIN -2 -ONE -PYRIMIDINE DERIVATIVES

(51) International :C07D413/14,C07D417/14,A61K31/506 classification

(31) Priority Document

:61/725113

(32) Priority Date :12/11/2012

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

country

(86) International

:PCT/IB2013/060052 Application No

:11/11/2013 Filing Date

(87) International

:WO 2014/072956

Publication No

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

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

Filing Date (57) Abstract:

(71)Name of Applicant:

1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH- 4056 Basel

Switzerland

(72) Name of Inventor:

1)FAIRHURST, Robin Alec

2)FURET, Pascal

3)KALTHOFF, Frank Stephan

4) LERCHNER, Andreas

5) RUEEGER, Heinrich

The present invention relates to oxazolidin- 2- one substituted pyrimidine compounds that act as PI3K (phosphatidylinositol- 3kinase) inhibitors, as well as pharmaceutical compositions thereof, methods for their manufacture and uses for the treatment of conditions, diseases and disorders dependent on PI3K.

No. of Pages: 82 No. of Claims: 15

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : LOW/ZERO VOC GLYCOL ETHER-ESTERS USE AS CLEAN-UP SOLVENTS AND PAINT THINNERS

(74)	G0 <b>.</b> G	
(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:61/473,249	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:08/04/2011	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:U.S.A.	MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)FELIPE A. DONATE
(87) International Publication No	:NA	2)SARAH E. ITTNER
(61) Patent of Addition to Application Number	:NA	3)ALEKSANDR T. GAMBLE
Filing Date	:NA	4)REBECCA J. WACHOWICZ
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

This invention relates to a clean-up solvent and paint thinner for solvent-borne resins and coatings selected from compositions of Formula (I) wherein R1 is a C1 - C10 alkyl group, phenyl or benzyl, R2 is either hydrogen or methyl, R3 is a carbon chain including 4-6 carbon atoms, and n=2 - 4; of Formula (II) wherein R1 and R4 are, independently, C1 - C10 alkyl groups, phenyl or benzyl, R2 is either hydrogen or methyl, R3 is a carbon chain including 0-4 carbon atoms, and n=1 - 4; and mixtures thereof. The invention also relates to a solvent-borne composition including a solvent-borne polymer and the low and zero VOC composition of the invention; and a method for cleaning or thinning a solvent-borne composition.

No. of Pages: 17 No. of Claims: 5

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHODS AND SYSTEMS FOR TREATING SPENT CAUSTIC AND REGENERATING MEDIA

:C02F9/00,C02F1/28,C02F1/40 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SIEMENS ENERGY INC. :61/718774 (32) Priority Date Address of Applicant: 4400 Alafaya Trail, Orlando, Florida :26/10/2012 (33) Name of priority country 32826 -2399 U.S.A. :U.S.A. (86) International Application No :PCT/US2013/066102 (72) Name of Inventor: Filing Date :22/10/2013 1)KUMFER, Bryan J. (87) International Publication No :WO 2014/066338 2) LARSON, Andrea J. (61) Patent of Addition to 3) FELCH, Chad L. :NA **Application Number** 4)CLARK, Mark :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract:

Method and apparatus to treat a spent caustic from the petroleum industry, which may comprise sulfides, mercaptans, cresylic and naphtenic acids and phenols. The spent caustic is first acidified with an acid to produce an acidified stream. The acidified stream may be separated into an oily phase, a solid phase and an aqueous phase. The aqueous phase is sent to an adsorption stage. The adsorption stage may comprise a pre-filter such as a walnut shell filter. It comprises a main filtering stage in one or more adsorption vessels connected in parallel and/or in series. The vessels may comprise granular activated carbon and/or an adsorption polymer such as a styrene- divinylbenzen polymer. A polished stream is produced which is neutralized with a base and then sent to a biological treatment step. Regeneration of the adsorption media is carried out using the spent caustic stream itself and/or using steam. The waste regeneration effluent is sent back to the beginning of the treatment method.

No. of Pages: 69 No. of Claims: 34

(22) Date of filing of Application :08/04/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DISCOVERING AND CONNECTING WIRELESS DEVICES WITHOUT DISCOVERABILITY

(51) International (71)Name of Applicant: :G06F12/02,G06F12/06,H04W92/12 classification 1)OPEN GARDEN, INC. :13/646617 (31) Priority Document No Address of Applicant: 751 13th Street, San Francisco, (32) Priority Date California 94130 U.S.A. :05/10/2012 (72) Name of Inventor: (33) Name of priority :U.S.A. 1)SHALUNOV, Stanislav country (86) International 2) HAZEL, Gregory :PCT/US2013/056129 Application No 3)MICHA BENOLIEL :22/08/2013 Filing Date (87) International Publication :WO 2014/055166 (61) Patent of Addition to :NA **Application Number** :NA Filing Date

### (57) Abstract:

(62) Divisional to

**Application Number** 

Filing Date

Pairing among computing devices is achieved without any of the device entering discoverable mode. An inquiring device obtains a list of MAC addresses and transmits connection requests using the MAC addresses. Any device within reception distance that has the same MAC address would respond to the request. Upon receiving the response, the two devices would pair up. A beacon may be used to store MAC addresses and related data. Computing devices may send inquiries to the beacon and receive in return MAC addresses corresponding to the inquiry. The devices may then transmit pairing requests using these MAC addresses.

No. of Pages: 17 No. of Claims: 21

:NA

:NA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MODIFIABLE OCCLUSION 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>	:B23B :13/076474 :31/03/2011 :U.S.A. :NA	,
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ROBERT SLAZAS
(61) Patent of Addition to Application Number	:NA	2)JUAN LORENZO
Filing Date	:NA	3)PETER FORSYTHE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An occlusive device suitable for endovascular treatment of an aneurysm in a region of a parent vessel in a patient, including a structure having a fixed porosity and having dimensions suitable for insertion into vasculature of the patient to reach the region of the aneurysm in the parent vessel. The device further includes a frangible material supported by the structure which initially provides a substantial barrier to flow through the frangible material and is capable of at least one of localized rupturing and localized eroding, in the presence of a pressure differential arising at an ostium of a perforator vessel communicating with the parent vessel, within an acute time period to minimize ischemia downstream of the perforator vessel.

No. of Pages: 23 No. of Claims: 34

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD AND ARRANGEMENT FOR LOCATING SHORT- CIRCUITS IN ENERGY SUPPLY SYSTEMS

(51) International classification :G01R31/08,H02H3/04,H02H9/02 (71)Name of Applicant : (31) Priority Document No :10 2012 021 330.1 1)ABB TECHNOLOGY AG (32) Priority Date Address of Applicant: Affolternstr. 44, CH -8050 Z1/4rich :31/10/2012 (33) Name of priority country Switzerland :Germany (72) Name of Inventor: (86) International Application :PCT/EP2013/072162 1)K,,MPFER, Stefan; :23/10/2013 Filing Date (87) International Publication :WO 2014/067831 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract:

The invention relates to a method and an arrangement for determining the direction of excess currents in energy supply systems with at least one local or transformer substation, which connects a medium- voltage system (1) and a low voltage system (3) to one another by way of a transformer (4). By means of a first measuring transducer (2), a current measurement is carried out in at least one outgoing circuit of the medium- voltage system (1) and a voltage measurement is carried out in the low-voltage level (3) of the transformer (4) or a downstream low- voltage distribution unit, and an excess current is detected. The current and voltage measurement is used to determine the phase position between the current measured in the medium-voltage level (1) and the voltage measured in the low-voltage level (3) or the power flow in the medium-voltage system (1). By means of the first measuring transducer (2) or a processing unit (5) interacting with it, the phase position or the power flow in the medium- voltage system (1) is evaluated while taking the phase rotation of the transformer (4) into account and used as a basis for determining the direction of the excess current.

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

(21) Application No.2839/DELNP/2015 A

(19) INDIA

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

(43) Publication Date: 11/09/2015

# (54) Title of the invention: MACHINE COMPONENT MADE OF FERROUS SINTERED METAL

<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:C22C38/00,B22F3/10,C22C33/02 :2012200340 :12/09/2012 :Japan	(71)Name of Applicant:  1)NTN CORPORATION  Address of Applicant: 3-17, Kyomachibori 1- chome, Nishi-ku, Osaka-shi, Osaka 5500003 Japan
(86) International Application No Filing Date (87) International Publication	:PCT/JP2013/072280 :21/08/2013	(72)Name of Inventor : 1)MOURI Toshihiko 2)NAGATA Hiroharu
No (61) Patent of Addition to	:WO 2014/041976 :NA	
Application Number Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

# (57) Abstract:

A raw material powder containing iron powder , copper powder , and tin powder is compressed and molded into a green compact. The green compact is sintered at a temperature in the range of 750 to  $900^{\circ}$ C to thereby bond the iron structures together with the copper and tin.

No. of Pages: 25 No. of Claims: 7

(22) Date of filing of Application :29/05/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : MASS MULTIPLICATION OF ARBUSCULAR MYCORRHIZAL FUNGI USING AEROPONIC SYSTEM

(51) International classification	:A01J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G.B. PANT UNIVERSITY OF AGRICULTURE &
(32) Priority Date	:NA	TECHNOLOGY
(33) Name of priority country	:NA	Address of Applicant :DEPARTMENT OF BIOLOGICAL
(86) International Application No	:NA	SCIENCE, COLLEGE OF BASIC SCIENCES & HUMANITIES,
Filing Date	:NA	G.B. PANT UNIVERSITY OF AGRICULTURE &
(87) International Publication No	:NA	TECHNOLOGY, PATNAGAR - 263145, UTTARAKHAND,
(61) Patent of Addition to Application Number	:NA	INDIA Uttarakhand India
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)SHARMA, ANIL, KUMAR
Filing Date	:NA	2)SINGH, SHIVIOM

### (57) Abstract:

The present invention relates to a process for the large scale production of arbuscular mycorrhizal fungi inoculum with high infective propagule density by using aeroponic culture in twelve weeks (including nursery preparation). The invention specifically provides a nutrient composition which significantly enhances the growth of a plant in an aeroponic culture. The said process is a cost effective process for the mass production of arbuscular mycorrhizal fungi inoculums in short span of twelve weeks (including nursery preparation)

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS FOR PREPARATION OF AYURVEDIC PANEER

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROOAD, NEW DELHI-110001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VINCENTRAJU RAJKUMAR
(87) International Publication No	:NA	2)ARUN KUMAR DAS
(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 preparing and producing a nutritious, fibre rich, immunomodulating milk product called Ayurvedic paneer milk food product is disclosed. The process involves using the various nuts, pasteurized milk and addition of various herbal materials. In the process various nuts are added to modify the fatty acid composition of the final product. These blend containing milk protein, fibre, and herbal mixture to make the final product. The product is heated to a core temperature of 90°C and coagulated with citric acid to obtain the Ayurvedic paneer milk product. Flavorings like fresh mint leaves may be topically applied to the product before to packaging.

No. of Pages: 4 No. of Claims: 6

(21) Application No.948/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

(54) Title of the invention: SEWING MACHINE

(51) International classification	:G115M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JUKI CORPORATION
(32) Priority Date	:NA	Address of Applicant :2-11-1, TSURUMAKI, TAMA-SHI,
(33) Name of priority country	:NA	TOKYO (JP) Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HASEGAWA, 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 sewing machine includes: a table, a sewing machine main body that is disposed on the table and forms stitches by moving a needle up and down by rotation of a main shaft; a driven pulley fixed to the main shaft; a motor that rotates a drive pulley by energization from a power source; a switch connected between the power source and the motor; a pedal configured to be operated by an operator with the operator's foot; a wheel that rotates according to operations of stepping on a pedal forward and backward; and an endless power transmission belt. When electric power is supplied from the power source, the belt is placed around the drive pulley and the driven pulley, and when the electric power supply from the power source is interrupted, the belt is placed around the wheel and the driven pulley.

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: GOAT MILK FAT AND ITS USE AS FAT SUBSTITUTE IN EMULSION BASED MEAT PRODUCTS

. A 61 W	(71)Name of Applicant :
	` '
:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
:NA	PRASAD ROAD, NEW DELHI- 110001 Delhi India
:NA	(72)Name of Inventor:
:NA	1)ARUN KUMAR DAS
:NA	2)VINCENTRAJU RAJKUMAR
:NA	
:NA	
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

### (57) Abstract:

A method of preparing and producing a nutritious, high fibre, immunomodulating meat protein based food products called Goat milk fat substituted meat product is disclosed. The process involves using proteinaceous material such as, raw comminuted meats that are minced and bowl chopped after mixing with polyphosphate, sodium nitrite, salt and spice mixture. In the process goat milk fat is added to modify the fatty acid composition of the final product. This blend containing meat protein, fibre, refined wheat flour, common salt, maida, and herbal mixture to make emulsion and is subjected to cooking to an internal core temperature of  $75\pm5^{\circ}$ C to obtain the Goat milk fat substituted meat product. Flavorings, tasty spices, may be topically applied to the product before to packaging.

No. of Pages: 5 No. of Claims: 9

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD OF PREPARING MEAT NIMKEE: A SNACK FOOD PRODUCT

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI-110001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARUN KUMAR DAS
(87) International Publication No	:NA	2)VINCENTRAJU RAJKUMAR
(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 preparing and producing a nutritious, low cholesterol, high fibre, low calorie, shelf-stable meat protein based snack food products called meat nimkee is disclosed. The process involves using proteinaceous material such as, raw comminuted meats, that are dried to the moisture level below 5 percent in a hot air oven after mixing with salt and spice mixture. Prior to using the dried meat, it is further powdered to relatively small particles sizes to provide uniform dispersion of the meat components with the farinaceous (refine wheat flour, powdered oat fibre) components of the mixture. This blend containing meat protein, fibre and flour is mixed with water, vegetable oil, salt, anise and herbs to make dough and is subjected to frying in deep oil at  $170\pm5^{\circ}\text{C}$  or at  $60\pm5^{\circ}\text{C}$  in a vacuum fryer after flatting and cutting the dough to desired sizes to obtain the Meat Nimkee. Flavourings, tasty spices may be topically applied to the meat nimkee prior to packaging.

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

(21) Application No.2847/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/04/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: EMBRYO SAMPLING FOR MOLECULAR ANALYSIS

:04/11/2013

(51) International classification :A01H1/04,A01H4/00,C12Q1/68 (71) Name of Applicant:

(31) Priority Document No :61/722399 (32) Priority Date :05/11/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/068191

No Filing Date

(87) International Publication No:WO 2014/071271

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)PIONEER HI- BRED INTERNATIONAL INC.

Address of Applicant: 800 Capital Square 400 Locust Street,

Des Moines, Iowa 50309 U.S.A.

(72) Name of Inventor:

1) HUNTER, Clifford;

## (57) Abstract:

The present disclosure provides for novel methods to facilitate germplasm improvement activities through the use of embryo sampling. A method comprising obtaining at least one isolated embryo, excising a piece of scutellum or cotyledon tissue from the at least one isolated embryo such that the germination potential of the embryo is not significantly reduced and analyzing the scutellum or cotyledon tissue sample(s) for the presence or absence of one or more characteristics indicative of at least one genetic trait is provided.

No. of Pages: 21 No. of Claims: 22

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD AND APPARATUS FOR CHARACTERIZING THERMAL TRANSIENT PERFORMANCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:21/09/2012 :WO 2014/046677 :NA :NA	(71)Name of Applicant:  1)SCHNEIDER ELECTRIC IT CORPORATION Address of Applicant:132 Fairgrounds Road, West Kingston, RI 02892 U.S.A. (72)Name of Inventor: 1)VANGILDER, James, William; 2)HEALEY, Christopher, M.; 3)ZHANG, Xuanhang; 4)PARDEY, Zack;
Filing Date	:NA	

## (57) Abstract:

A system and method for evaluating equipment in a data center is disclosed, hi one aspect, a method includes receiving parameters for equipment in the data center, the parameters including information descriptive of mass of the equipment, calculating an idealized thermal mass of the equipment based on the received parameters, calculating a temperature associated with the equipment at a first time period of a plurality of time periods based on the idealized thermal mass, and calculating a temperature for each subsequent time period of the plurality of time periods based on the idealized thermal mass and the temperature at a previous time period of the plurality of time periods.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A SYSTEM AND METHOD TO TRACK AND CHECK HEALTH OF A VEHICLE FITTED WITH NOVEL GPS/GPRS DEVICE AND TRECKING, MONITORING, ANALYSING AND DISBURSAL OF DATA

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)NEW HOLLAND FIAT (INDIA) PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 03, UDYOG KENDRA,
(33) Name of priority country	:NA	GREATER NOIDA 201306, DIST-GAUTAM BUDH NAGAR,
(86) International Application No	:NA	UTTAR PARDESH, INDIA Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)ARORA, AVINASH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A device which is fitted in a vehicle to gather information data on different parameters related with the vehicle including its running, engine health, water and oil levels and pressure, functionality, speed, location. This information may be sent by satellite communication signals to a central server computer. On the central server the data are analyzed in real time and disseminated to various interested parties such as Insurers, Vehicle owners, Service Centers, Vehicle Funding Companies, for information allowing schedule of actions to take.

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

(21) Application No.949/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: LUBRICATING FORMULATION AND APPLICATIONS THEREOF

(51) International classification	:B63J	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OIL & NATURAL GAS CORPORATION LIMITED
(32) Priority Date	:NA	Address of Applicant :INSTITUTE OF DRILLING
(33) Name of priority country	:NA	TECHNOLOGY, KAULAGARH ROAD, DEHRADUN 248195,
(86) International Application No	:NA	UTTARAKHAND, INDIA Uttarakhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)BARTHWAL, ANOOP KUMAR
(61) Patent of Addition to Application Number	:NA	2)SINGH, VIPIN KUMAR
Filing Date	:NA	3)SHARMA, VINOD
(62) Divisional to Application Number	:NA	4)RAI, VISWANATH
Filing Date	:NA	

### (57) Abstract:

The present disclosure relates to a lubricating formulation for drilling of oil and gas wells, comprising: 99.4% to 99.9% (v/v) of a drilling fluid; and 0.1% to 0.6% (v/v) of an additive fluid comprising: an Acid oil; a Fatty acid; and optionally an aromatic solvent. The present disclosure also relates to the application of lubricating formulation in reduction of torque and drag in drilled of oil and gas wells.

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

(22) Date of filing of Application :07/04/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS FOR THE PRODUCTION OF CHLORINATED PROPENES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:C07C17/25,C07C21/04,C07C21/073 :61/703374	(71)Name of Applicant:  1)DOW GLOBAL TECHNOLOGIES, LLC Address of Applicant: 2040 Dow Center, Midland, Michigan
(32) Priority Date	:20/09/2012	48674 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)TIRTOWIDJOJO, Max Markus;
(86) International Application No Filing Date	:PCT/US2013/059680 :13/09/2013	
(87) International Publication No	:WO 2014/046977	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

Processes for the production of chlorinated propenes are provided. The present processes make use of 1, 2- dichloropropane, a by-product in the production of chlorohydrin, as a low cost starting material, alone or in combination with 1, 2, 3- trichloropropane. At least one dehydrochlorination is conducted in the gas phase, and is the first process step. The present processes can also generate anhydrous HCl as a byproduct that can be removed from the process and used as a feedstock for other processes, providing further time and cost savings.

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

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : PREPARATION OF HERBAL BASED WOUND HEALING FORMULATION AND EVALUATION THEREOF

(51) International classification :A61K (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant:  1)Director General, Defence Research and Development Organisation  Address of Applicant: Ministry of Defence, Govt. of India, Room No. 348, B-Wing DRDO Bhawan, Rajaji Marg, New Delhi- 110105 Delhi India (72)Name of Inventor:  1)Dr. Pronobesh Chattopadhyay 2)Mr. Aadesh Upadhyay 3)Dr. Danswrang Goyary 4)Dr. Vijay Veer 5)Dr. Papiya Mitra Mazumder
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#### (57) Abstract:

A wound healing formulation/composition for topical application to cuts, wounds and burns is provided for use as a primary health care product. Said wound healing formulation is a chitosan-gelatin based hydogel formulation comprising herbal formulation/composition comprising a synergistic combination of at least two or more of the actives of Eleutherin indica, Euphorbia hirta, Ixora coccinea and Cleome viscosae. Specifically, the herbal based formulation is loaded in a chitosan-gelatin hydrogel sheet having thereon bacterial and water proof breathable backing membrane for end use and application in the treatment of cuts, burn and wounds, that also accelerates the blood clotting and platelets activation.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: COIL CUTTING TOOL AND METHOD

(31) Priority Document No :13/079,132 1)GENERAL ELECTRIC COMPANY	<ul> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:04/04/2011 :U.S.A. :NA :NA :NA :NA :NA	Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A. (72)Name of Inventor: 1)ALI, SYED WAJAHAT 2)SASSATELLI, JOHN MATTHEW	
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## (57) Abstract:

A tool (10) and a method are disclosed for cutting coils in a dynamoelectric machine. In an embodiment, the tool (10) includes a blade (12) having a cutting edge (15) on a distal end thereof. The blade (12) is operably connected on a proximal end thereof to a double acting hydraulic cylinder (14). The tool (10) further includes at least one guide arm (16) coupled to and extending longitudinally in a distal direction from the double acting hydraulic cylinder (14), wherein the at least one guide arm (16) is disposed alongside the blade (12) and extends parallel to a path of the blade (12).

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

(21) Application No.958/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: NOVEL LOW VOLUME PARENTERAL FORMULATION OF DICLOFENAC

(51) International classification	·C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34 Dadra & Nagar Haveli
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)MR. SANJEEV JAIN
(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 the formulation of the parenteral preparation containing the NSAlDs of arylalkanoic acid class containing pharmaceutically accepted salts of the active ingredients, suitable solvent for dissolving the active ingredients, the preservative for preserving the solution, the other excipients such as chelating agents and antioxidants.

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

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PRESSURE TESTING RIG FOR HYDRAULIC PUMP

(51) International classification	:A61F	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASERDC, HAL, ACCESSORIES DIVISION LUCKNOW
(32) Priority Date	:NA	Address of Applicant :DGM (EQUIPMENT) ASERDC
(33) Name of priority country	:NA	HINDUSTAN AERONAUTICS LIMITED FAIZABAD ROAD
(86) International Application No	:NA	LUCKNOW-226016 Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHRI S D SIRCAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The Test Bench is designed to suit the structural Pressure testing requirements of the Hydraulic Pump of various aircrafts. The Rig comprises a test stand with mounting fixture universally designed to accept pumps from various aircrafts. The Rig design includes a software controlled hydraulic circuit comprising of various elements like Tank with accessories. Pump with Motors, Hand pump, various controls , measuring device and indicators, counters etc for proof pressure test. Case Pressure cycling Test & Burst Pressure Test of the unit to check cracks , deformations and leakages from joints on the Pumps for various aircrafts.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : 'LOW/ZERO VOC GLYCOL- ETHER-ESTERS AS COALESCENTS FOR AQUEOUS POLYMERIC DISPERSIONS

		(71)Name of Applicant :
(51) International classification	:C07C	1)DOW GLOBAL TECHNOLOGIES LLC
(31) Priority Document No	:61/473,243	Address of Applicant :2040 DOW CENTER, MIDLAND,
(32) Priority Date	:08/04/2011	MICHIGAN 48674, UNITED STATES OF AMERICA U.S.A.
(33) Name of priority country	:U.S.A.	2)ROHM AND HAAS COMPANY
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LINDA A. ADAMSON
(87) International Publication No	:NA	2)SARAH E. ITTNER
(61) Patent of Addition to Application Number	:NA	3)MICHAEL C. BECKER
Filing Date	:NA	4)THOMAS R. TEPE
(62) Divisional to Application Number	:NA	5)FELIPE A. DONATE
Filing Date	:NA	6)REBECCA J. WACHOWICZ
-		7)DAVID M. FASANO

# (57) Abstract:

Certain ether-esters compounds and certain ether ester coalescents are provided. Also provided are an aqueous coating composition including an aqueous polymeric dispersion and from 0.1% to 40% by weight, based on the weight of the aqueous polymeric dispersion solids, of the glycol ether-ester coalescents and a method for forming a coating from the aqueous coating composition

No. of Pages: 40 No. of Claims: 8

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

(54) Title of the invention : Transport Frame For Nacelle/Rotor Hub Unit Of A Wind Turbine Method Of Transporting And Mounting A Nacelle/Rotor Hub Unit

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	:B63J :13/075,742 :30/03/2011 :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 Filing Date</li> </ul>	: NA :NA :NA :NA :NA	

### (57) Abstract:

A transport frame for a nacelle/rotor hub unit of a wind turbine is provided wherein the unit comprises a wind turbine nacelle and a wind turbine rotor hub mounted to the nacelle the transport frame comprising a main beam for supporting the weight of the nacelle/rotor hub unit; first and second lateral stabilization elements; a holding fixture for fixing the nacelle/rotor hub unit to the transport frame; a first attachment point for a lifting appliance the first attachment point (350 450 550) being provided at a first end of the main beam; a second attachment point (352) for the lifting appliance (850 1120) the second attachment point (352) being provided at the first lateral stabilization element (320 620 720); and a third attachment point for the lifting appliance (850 1120) the third attachment point being provided at the second lateral stabilization element (330).

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

(21) Application No.936/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : THERMOSTABLE BIOPHARMACEUTICAL WITH POTENT ANTI-MICROBIAL ACTIVITY AGAINST DRUG REISTANT PATHOGENS

(51) Y	1 6177	
(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PANJAB UNIVERSITY CHANDIGARH
(32) Priority Date	:NA	Address of Applicant :REGISTRAR PANJAB UNIVERSITY,
(33) Name of priority country	:NA	CHANDIGARH Punjab India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RUPINDER TEWARI
(87) International Publication No	:NA	2)PRATIBHA BHARTI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A thermostable biopharmaceutical composition with potent anti-microbial activity wherein the same comprises a mixture of bioactive metabolites in the culture supernatant of Burkholderia gladioli OR-1, isolated from rhizospheric soil of cowpea. The composition harvested after suitable culture conditions, shows activity against drug resistant bacteria including the clinical pathogens such as Acinetobacter CBC, Citrobacter freundii, Enterobacter species and Staphylococcus aureus and drug resistant fungi such as Aspergillus species, Candida albicans, C. tropicalis and Penicillium species.

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

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD OF WELDING DISSIMILAR METAL MATERIALS AND WELDED BODY OF DISSIMILAR METAL MATERIALS

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)SUZUKI MOTOR CORPORATION
(31) Thomas Document No	083969	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-
(32) Priority Date	:05/04/2011	KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611 JAPAN
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HATAKEYAMA TOMONOBU
(87) International Publication No	:NA	2)YOTSUYA GOUKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

In a method of welding dissimilar metal materials, a high melting-point material and a low melting-point material which are dissimilar metal materials having melting points different from each other are positioned to a planned welding position, and a rotatable tool is pressed to and then inserted into the high melting-point material to thereby perform a friction-stir-welding between the high melting-point material and the low melting-point material to each other. In the above method, the friction-stir-welding between the high melting-point material and the low melting-point material is performed by disposing an intervening piece made from a same material as the high melting-point material between the rotatable tool and the high melting-point material.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROJECTION LENS OPTICAL APPARATUS INCLUDING PROJECTION LENS AND METHOD FOR MANUFACTURING PROJECTION LENS

(51) International classification	:G01J	(71)Name of Applicant:
(31) Priority Document No	:2011-	1)NIKON CORPORATION
(31) Thomas Bocument 110	069320	Address of Applicant:12-1 Yurakucho 1-chome Chiyoda-
(32) Priority Date	:28/03/2011	ku Tokyo 100- 8331 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ISHIKAWA Takahiro
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 projection lens PL comprises in order from a projection side: a first lens component L1 which has positive refractive power and is biconvex; a second lens component L2 which has negative refractive power and is meniscus; and a third lens component L3 which has positive refractive power and has a convex lens surface facing the projection side lens surfaces on the projection side and an object side of the first lens component L1 and lens surfaces on the projection side and the object side of the second lens component L2 being aspherical and the following conditional expression being satisfied: 0.2 < f/(-f2) < 0.7 where f2 denotes a focal length of the second lens component and f denotes a focal length of the projection lens.

No. of Pages: 42 No. of Claims: 12

(21) Application No.954/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A METHOD AND SYSTEM FOR SECURED DATA TRANSMISSION DURING NEAR FIELD COMMUNICATION (NFC) ATTACK

(51) International alassification	·HOAI	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Samsung India Electronics Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Tower D Plot C - 28/29 Sector 62
(33) Name of priority country	:NA	Noida Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sachin Kumar Agrawal
(87) International Publication No	: NA	2)Manish Hira
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The embodiments herein relate to communication and more particularly to secured data transmission in near field communication. The system dynamically interleaves the data to be transmitted using randomization and transmits the dynamically interleaved data and the interleaved settings/parameters to the destination. Further the receiver device performs dynamic de-interleaving of the received data using the received interleaved settings/parameters. Further in order to ensure security to the data transmission the system uses Random Skip Count (RSC) values. If necessary new dynamic interleaving settings/parameters are calculated based on RSC value and the new settings/parameters are used to dynamically interleave the data. The process of interleaving can be performed in 2-dimensional or 3-dimensional formats. Further in the 2-dimensional and 3-dimensional interleaving schemes data can be first dynamically interleaved in the form of sub matrices and the sub matrices can be further dynamically interleaved to form the final dynamically interleaved data matrix. FIG. 3

No. of Pages: 123 No. of Claims: 61

(21) Application No.977/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DETECTING ACCESS TO POWERED DOWN DEVICE

(51) International classification	:G09D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTEL CORPORATION
(32) Priority Date	:NA	Address of Applicant :2200 MISSION COLLEGE BLVD.,
(33) Name of priority country	:NA	SANTA CLARA, CALIFORNIA 95052, UNITED STATES OF
(86) International Application No	:NA	AMERICA U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)THEVAR, BALAKESAN POONIAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Methods and apparatus relating to detecting access to powered down devices are described. In one embodiment, the power status of a device is determined based on a memory address corresponding to a data access request initiated by a processor or processor core. Access to a storage device, corresponding to the device, is controlled based on the power status of the device, e.g., to avoid random system hanging or crashes that may be hard to reproduce or debug. Other embodiments are also disclosed and claimed.

No. of Pages: 31 No. of Claims: 26

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A PROCESS AND DIAGNOSTIC KIT FOR THE DETECTION OF MASTITIS IN ANIMALS

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Lala Lajpat Rai University of Veterinary & Animal
(32) Priority Date	:NA	Sciences
(33) Name of priority country	:NA	Address of Applicant :College of Veterinary Sciences
(86) International Application No	:NA	Department of Veterinary Physiology & Biochemistry Hisar
Filing Date	:NA	125001 State: Haryana India Haryana India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)GERA Sandeep
Filing Date	:NA	2)GUHA Anirban
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates generally to the field of diagnostics. The invention provides a process for the estimation of acute phase serum proteins in a milk sample and thereby enabling diagnosis of sub clinical mastitis in dairy animals. The said process particularly comprises estimation of al-acid glycoprotein in milk sample of dairy animals for the detection of disease. The invention further provides a test kit for use in the method.

No. of Pages: 22 No. of Claims: 14

(21) Application No.976/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MEAT MURUKKU: A SNACK FOOD

(51) I	4.007	(71)NJ 6 A 11 A
(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI- 110001 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VINCENTRAJU RAJKUMAR
(87) International Publication No	:NA	2)ARUN KUMAR DAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A high protein, high dietary fibre, low cholesterol, low calories, shelf stable meat containing snack is provided which is having excellent organoleptic properties and health benefits from medicinal herbs. Process for preparing Meat Murukku comprising the step of: Mixing minced meat with salt and spice mixture; drying the above mixture preferably in a hot air oven to below 5 percent; Adding washed and dried rice and fried Bengal Gram powder, common salt, powdered oat fibre, clarified butter (ghee), anise, asafoetida, and herbs; Frying in deep oil at  $210\pm5^{\circ}\text{C}$  or at  $60\pm5^{\circ}\text{C}$  in a vacuum fryer, to obtain the Meat Murukku, charactering in that the minced meat is obtain from animal flesh. Flavourings and tasty spices may be topically applied to the meat murukku prior to packaging.

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

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 11/09/2015

(54) Title of the invention: System And Method For Generation Of CIM-Based Power System Circuit Models

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:G06C :13/083,761 :11/04/2011 :U.S.A. :NA :NA : NA : NA	'
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

SYSTEM AND METHOD FOR GENERATION OF CIM-BASED POWER SYSTEM CIRCUIT MODELS Abstract of the Invention Systems (100) and methods (300 500) for generating common information model (CIM) based circuit models of power systems to be used as a testing framework for power system software applications (260) are disclosed. Valid CIM-based circuit models can be constructed from simplified circuit definitions specified in a simplified circuit representation file (210). In a particular implementation unspecified CIM objects required by the CIM model that are not essential for the testing purposes of an individual circuit such as terminals line segments connectivity nodes and other CIM objects are generated automatically and are not required in the simplified circuit representation file (210).

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

(21) Application No.955/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/09/2012 (43) Publication Date : 11/09/2015

# (54) Title of the invention: NOVEL ANTI-LEISHMANIAL COMPOUNDS •

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH (NIPER)
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S. Nagar Mohali
(86) International Application No	:NA	Punjab India Punjab India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIKRANTSINGH GOHIL
(61) Patent of Addition to Application Number	:NA	2)KAMALESH KUMAR BHUTANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
<ul> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	: NA :NA :NA :NA	1)VIKRANTSINGH GOHIL

## (57) Abstract:

The present invention provides -carboline compounds. The present invention also provides of method of preparing -carboline compound of formula and their use as potent anti-leishmanial agent. A series of -carboline-compounds were synthesized and tested in vitro against promastigotes of Leishmania donovani. The synthesized compounds show promising anti-leishmanial activity

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

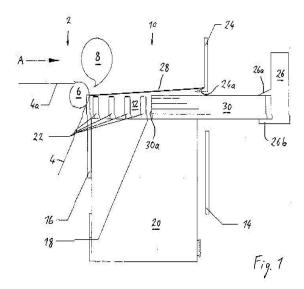
(22) Date of filing of Application :30/03/2012 (43) Publication Date : 11/09/2015

## (54) Title of the invention: STACKER

(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 (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 Publication Number Filing Date (81) 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)KUGLER-WOMAKO GmbH  Address of Applicant:SCHLOSSERSTR. 15, NURTINGEN  1 72622 (DE) Germany (72)Name of Inventor:  1)HEINZ, WILHELM
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### (57) Abstract:

A stacker is described, in particular in an installation of the paper processing industry, for forming a stack 30 of several flat parts 28 to be fed in a transport direction A, in particular film sheets or paper sheets, with a stack forming area 12 and a support device for supporting the stack 30 to be formed from the flat parts 28 in the stack forming area 12. The special nature of the invention lies in that the support device has a plurality of discrete support elements 22 that are at least arranged one behind the other seen in the transport direction A of the flat parts 28 and are supported in a moveable manner between a lower position and an upper position at an angle to the transport direction A of the flat parts 28, preferably approximately at right angles to the transport direction A of the flat parts 28 and/or approximately vertically. (Fig. 1)



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

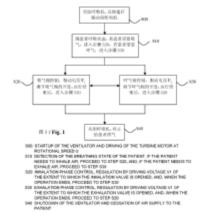
(22) Date of filing of Application :20/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: VENTILATOR TURBINE VOLUME CONTROLLED VENTILATION METHOD

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:22/10/2013 :WO 2014/101549 :NA :NA	(71)Name of Applicant:  1)BEIJING AEONMED CO. LTD.  Address of Applicant: NO.4 Hangfeng Road Fengtai Science Park Fengtai District Beijing 100070 China (72)Name of Inventor:  1)CHENG Jie
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A ventilator turbine volume controlled ventilation method that implements volume controlled ventilation for a ventilator by means of turbine motor rotational speed control inhalation phase control and exhalation phase control. The method comprises the main steps of: the ventilator is started up a control unit in the ventilator issues a rotation speed control instruction to a turbine driver the turbine driver drives a turbine motor and then the control unit detects the breathing state of a patient if the patient needs to inhale air proceeds to an inhalation phase control and if the patient needs to exhale air proceeds to an exhalation phase control where the inhalation phase control is implemented by the control unit that outputs driving voltage to regulate the extent to which an inhalation valve is opened and the exhalation phase control is implemented by the control unit that outputs driving voltage to regulate the extent to which an exhalation valve is opened. By combining control of some operating parameters of the ventilator with the rotational speed of the turbine motor the method implements constant current control and real time synchronous control of the turbine motor thus allowing air supply to be provided to the ventilator by the turbine motor at places such as in the field where air supply cannot be provided.



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

(22) Date of filing of Application :20/10/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention : ZERO POINT CALIBRATION METHOD AND APPARATUS FOR PRESSURE SENSOR OF ANESTHESIA 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</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:A61M16/00 :201210576231.8 :26/12/2012 :China :PCT/CN2013/085689 :22/10/2013 :WO 2014/101544 :NA :NA	(71)Name of Applicant:  1)BEIJING AEONMED CO. LTD.  Address of Applicant: NO.4 Hangfeng Road Fengtai Science Park Fengtai District Beijing 100070 China (72)Name of Inventor:  1)ZHANG Yaodong
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Disclosed are a zero point calibration method and apparatus for a pressure sensor of an anesthesia machine. The method comprises: performing zero point calibration of an airway pressure sensor of the anesthesia machine (110); restarting and carrying out starting up self testing (120); and judging whether pressure change values of the airway pressure sensor and an ambient pressure sensor are the same and if the values are the same performing zero point calibration of the ambient pressure sensor according to a zero point of the airway pressure sensor (130). The method can realize zero point calibration of a pressure sensor of an anesthesia machine by means of the simple operation avoiding error in operation.



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

(22) Date of filing of Application :20/10/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR PRODUCING BLACK PLATED STEEL SHEET AND METHOD FOR PRODUCING MOLDED ARTICLE OF BLACK PLATED STEEL SHEET

(51) International classification: C23C28/00,B32B9/00,B32B15/01 (71) Name of Applicant:

(31) Priority Document No :2012-100440 (32) Priority Date :25/04/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/002718

:23/04/2013 Filing Date

(87) International Publication :WO 2013/161269

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)NISSHIN STEEL CO. LTD.

Address of Applicant: 3 4 1 Marunouchi Chiyoda ku Tokyo

1008366 Japan

(72)Name of Inventor:

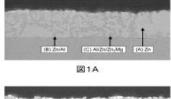
1)NAKANO Tadashi

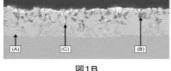
2)YAMAMOTO Masaya

3)TAKETSU Hirofumi

#### (57) Abstract:

The present invention pertains to a method for producing a black plated steel sheet capable of being blackened in a short amount of time and exhibiting an excellent ability to maintain a black appearance after processing. As an original sheet the sheet used is a Zn plating steel sheet which contains molten Al and Mg and has a Zn plating layer containing molten Al and Mg containing Al in the amount of 0.1 22.0 mass% inclusive and containing Mg in the amount of 0.1 1.5 mass% inclusive. The plating layer is blackened by causing the molten plating steel sheet to contact water vapor inside a tightly sealed container. When doing so the concentration of oxygen inside the tightly sealed container is 13% or less.





No. of Pages: 56 No. of Claims: 13

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: COMPOSITION COMPRISING HERBS

(51) International :A61K36/00,A61K36/236,A61K36/232 (31) Priority Document :61/614,698

No (32) Priority Date :23/03/2012 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/SG2013/000118

Filing Date :25/03/2013

(87) International Publication No :WO 2013/141818

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

(71)Name of Applicant: 1)MOLEAC PTE LTD

Address of Applicant :11 Biopolis Way Helios #09 08

Singapore 138667 Singapore (72)Name of Inventor:

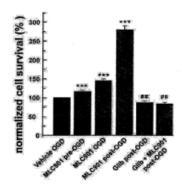
1)MOHA OU MAATI Hamid 2)LAZDUNSKI Michel

3)HEURTEAUX Catherine

4)PICARD David

# (57) Abstract:

The present invention relates to the use of components to activate K / ATP channels and in the treatment of various diseases and disorders. The components are: Salviae Miltiorrhizae Prunus persica; Polygalae; acori tatarinowii; Astragali; Paeoniae Rubra; Chuanxiong; Carthamus tinctorius; and angelicae sinensis.



No. of Pages: 62 No. of Claims: 25

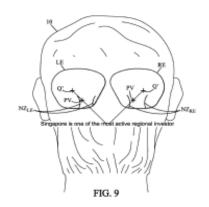
(22) Date of filing of Application :21/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A PROCESS FOR DETERMINING A PAIR OF PROGRESSIVE OPHTHALMIC LENSES

:G02C7/02,G02C7/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) ESSILOR INTERNATIONAL (COMPAGNIE :12305773.9 (32) Priority Date :29/06/2012 GENERALE DOPTIOUE) (33) Name of priority country :EPO Address of Applicant :147 rue de Paris F 94220 Charenton Le (86) International Application No :PCT/EP2013/063603 | Pont France Filing Date (72)Name of Inventor: :28/06/2013 (87) International Publication No :WO 2014/001491 1)DROBE Birn (61) Patent of Addition to Application 2)NG HWEI KIEN Paulyn :NA Number 3)CONTET Aude :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

The process comprises: determining prescribed far vision mean power and addition for each lens of the pair; determining a reading direction for the wearer; defining a temporal side and a nasal side on each lens of the pair; defining on each lens being worn and for each gaze direction a refractive power and a module of resulting astigmatism each gaze direction corresponding to a lowering angle and to an azimuth angle; defining a proximate vision gaze direction for each lens of the pair; defining for each lens of the pair a temporal half width field of refractive power as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the temporal side of the lens where the refractive power reaches the value of the prescribed far vision mean power plus three quarters of the prescribed addition; defining for each lens of the pair a nasal half width field of refractive power as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the nasal side of the lens where the refractive power reaches the value of the prescribed far vision mean power plus three quarters of the prescribed addition; defining for each lens of the pair a temporal half width field of module of resulting astigmatism as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the temporal side of the lens where the module of resulting astigmatism reaches the value of one quarter of the prescribed addition; and defining for each lens of the pair a nasal half width field of module of resulting astigmatism as the angular distance at constant lowering angle between the proximate vision gaze direction and a gaze direction on the nasal side of the lens where the module of resulting astigmatism reaches the value of one quarter of the prescribed addition. The ratio of the difference over the sum of temporal and nasal half width fields of refractive power and/or the ratio of the difference over the sum of temporal and nasal half width fields of module of resulting astigmatism are determined for each lens of the pair based on the reading direction determined for the wearer.



No. of Pages: 49 No. of Claims: 14

(22) Date of filing of Application :21/10/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: INTER CHIP MEMORY INTERFACE STRUCTURE

(51) International classification: G11C5/04,G06F13/16,G06F13/42 (71) Name of Applicant:

(31) Priority Document No :61/654,156 (32) Priority Date :01/06/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/043714 No

:31/05/2013 Filing Date

(87) International Publication :WO 2013/181603

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

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

1)QUALCOMM INCORPORATED

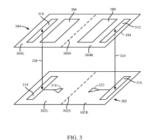
Address of Applicant :Attn: International Ip Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor: 1)SUH Jungwon

2) CHUN Dexter T.

#### (57) Abstract:

In an embodiment a stacked package on package system has a memory die (102; 104) and a logic die (106). The memory die comprises a first memory (306) and a second memory (308) each operated independently of the other and each having an inter chip interface (310; 312) electrically connected to the logic die. The logic die has two independent clock sources (318; 322) one to provide a first clock signal to the first memory and the other clock source to provide a second clock signal to the second memory.



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

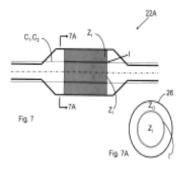
(22) Date of filing of Application :27/05/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD FOR SIZING AND POSITIONING CATALYTIC CONVERTER INSULATION

(51) International classification: B01D53/94,B01J35/00,F01N3/20 (71) Name of Applicant: 1)VIDA HOLDINGS CORP. LTD. (31) Priority Document No :NA (32) Priority Date Address of Applicant :68 Clover Leaf Street Woodbridge :NA (33) Name of priority country Ontario L4L 5H3 Canada Canada :NA (72) Name of Inventor: (86) International Application :PCT/CA2014/000032 No 1)PLATI Stefano :17/01/2014 Filing Date 2)KOYANAGI Gregory Kiyoshi (87) International Publication 3)BLAGOJEVIC Voislav :WO 2015/106332 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

#### (57) Abstract:

The substrate is used in a catalytic converter can to which a cylindrical inlet pipe leads and has an inner catalytic zone portion an outer catalytic zone portion and an insulation material thermally separating the portions. The insulation extends through the substrate and has a uniform cross section substantially defined by the intersection of two notional cylinders and the upstream face of the substrate each notional cylinder having: a nominal diameter that is between 1.08 and 1.20 of the diameter of the inlet pipe; a thickness of 1 4 mm; and an axis aligned with the gas direction at the point of maximum velocity at the intersection of the inlet pipe and the can. One of the cylinders is associated with the gas flow at the lower limit of the operating range and the other of the cylinders is associated with the gas flow at the upper limit of the operating range.



No. of Pages: 24 No. of Claims: 2

(22) Date of filing of Application :20/10/2014

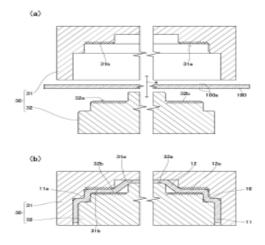
(43) Publication Date: 11/09/2015

# (54) Title of the invention: COVER MANUFACTURING METHOD AND PRESS DIE USED IN SAME

:B21D22/28,F16C33/76 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) UCHIYAMA MANUFACTURING CORP. :2012-103352 (32) Priority Date :27/04/2012 Address of Applicant: 338 Enami Naka ku Okayama shi (33) Name of priority country Okayama 7028004 Japan Japan :Japan (86) International Application No (72) Name of Inventor: :PCT/JP2013/062043 Filing Date :24/04/2013 1)TERASAWA Hiroshi (87) International Publication No :WO 2013/161869 2)KIYOSHI Teruyuki (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

A cover manufacturing method according to one aspect of the present invention comprises fabricating a cover (10) which is interposed between an annular magnet fixed to a rotating member and a magnetic sensor for detecting magnetism generated from the annular magnet by bending a non magnetic metal sheet (100) wherein the cover manufacturing method is characterized by being provided with a bending step for bending the metal sheet using a forming tool (30) in which at least a portion thereof that contacts the metal sheet during the bending process is a demagnetizing part. A press die (30) according to a second aspect of the present invention is a press die for pressing so as to bend a non magnetic metal sheet and is provided with a first die (31) and a second die (32) which are configured so as to be able to approach and separate from each other wherein the press die (30) is characterized in that the first die and the second die include mutually opposing demagnetizing parts in at least a portion of press faces (31a 32a) for pressing the metal sheet.



No. of Pages: 30 No. of Claims: 11

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD OF ENHANCING EFFICACY OF BLOOD TRANSFUSIONS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International</li> <li>Application No <ul> <li>Filing Date</li> <li>(87) International</li> </ul> </li> <li>Publication No</li> <li>(61) Patent of Addition to</li> <li>Application Number</li> </ul>	:A61K38/38,A61K38/42,A61K47/48 :61/613105 :20/03/2012 :U.S.A. :PCT/US2013/030355 :12/03/2013 :WO 2013/142135 :NA	(71)Name of Applicant:  1)ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY Address of Applicant:1300 Morris Park Avenue Bronx NY 10461 U.S.A. U.S.A.  2)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (72)Name of Inventor: 1)ACHARYA Seetharama A. 2)INTAGLIETTA Marcos
Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

A method of improving the efficacy of a blood transfusion into a subject is provided comprising administering a composition comprising an EAF PEGylated blood protein into the subject prior to during or subsequent to the blood transfusion.

No. of Pages: 54 No. of Claims: 40

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FUEL CELL STACK ASSEMBLY

(51) International classification	:F04B 43/00	(71)Name of Applicant:
(31) Priority Document No	:1207568.5	1)INTELLIGENT ENERGY LIMITED
(32) Priority Date	:01/05/2012	Address of Applicant :Charnwood Building Holywell Park
(33) Name of priority country	:U.K.	Ashby Road Loughborough LE11 3GB U.K.
(86) International Application No	:PCT/GB2013/051107	(72)Name of Inventor:
Filing Date	:30/04/2013	1)HOOD Peter David
(87) International Publication No	:WO 2013/164600	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A fuel cell stack assembly comprises a plurality of fuel cells in a stack the stack defining two opposing parallel end faces. An end plate is disposed at each opposing end face of the stack. Each end plate defines a compression surface adjacent to and in compressive relationship with a respective one of the two opposing parallel end faces. A coupling mechanism is attached to the end plates to thereby maintain the fuel cells in the stack under compression. At least one preferably both of the end plates comprise a preformed element defining the compression surface the preformed element being configured with a predetermined curvature such that the compression surface is a convex surface when the preformed element is not under load whereas under the application of the load to maintain the fuel cells under compression flexure of the preformed element between elements of the coupling mechanism causes the compression surface to become a substantially planar surface. This provides uniform pressure distribution across the end faces of the fuel cell stack using fewer and lighter weight components.

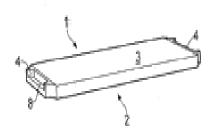


FIG. 1

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

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FOAM OR VISCOSIFIED COMPOSITION CONTAINING A CHELATING AGENT

(51) International classification :C09K8/035,C09K8/54,C09K8/60 (71)Name of Applicant: 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. (31) Priority Document No :61/639,460 (32) Priority Date :27/04/2012 Address of Applicant: Stationsstraat 77 NL 3811 MH (33) Name of priority country :U.S.A. Amersfoort Netherlands (72)Name of Inventor: (86) International Application :PCT/EP2013/058455 No 1)DE WOLF Cornelia Adriana :24/04/2013 Filing Date 2)NASR EL DIN Hisham (87) International Publication 3)BANG Edwin Rudolf Antony :WO 2013/160332 4)WANG Guangun (61) Patent of Addition to 5)BALTUSSEN Jozef Johannes Maria :NA **Application Number** 6)THEEUWEN Conrardus Hubertus Joseph :NA Filing Date 7)O Boen Ho (62) Divisional to Application 8) VAN EIJK Marcel Cornelis Paulus :NA Number :NA Filing Date

#### (57) Abstract:

The present invention relates to a foam containing water between5and 30wt% on total weight of the foam of a chelating agent selected from the group of glutamic aid N N diacetic acid or a salt thereof (GLDA) aspartic acid N N diacetic acid or a salt thereof (ASDA) methylglycine N N diacetic acid or a salt thereof (MGDA) N hydroxyethyl ethylenediamine N N N triacetic acid or a salt thereof (HEDTA) a foaming agent and at least 25 vol% on total volume of the foam of a gas and having a pH of between 2 and 5 to a viscosified composition containing water between 5 and 30wt% on total volume of the composition of a chelating agent selected from the group of glutamic aid N N diacetic acid or a salt thereof (GLDA) aspartic acid N N diacetic acid or a salt thereof (ASDA) methylglycine N N diacetic acid or a salt thereof (MGDA) N hydroxyethyl ethylenediamine N N N triacetic acid or a salt thereof (HEDTA) and at least 0.01 wt% on total weight of the composition of a viscosifying agent and having a pH of between 2 and 5 and to a process for treating a subterranean formation comprising introducing the above foam or viscosified composition into the formation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2197/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD FOR PREPARING FULLY PROTECTION HEPARIN PENTASACCHARIDE AND INTERMEDIATE THEREOF

(51) International :C07H5/04,C07H5/10,A61K31/702

classification .CO/113/04,CO/113/10,AOTK3

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

(86) International Application :PCT/CN2012/076096

No Filing Date :1C1/CN20:

(87) International Publication :WO 2013/174017

No

(61) Patent of Addition to :NA

Application Number :NA :NA :NA

(62) Divisional to Application Number :NA

Filing Date

(71)Name of Applicant:

1)ZHEJIANG HISUN PHARMACEUTICAL CO. LTD.

Address of Applicant :46 Waisha Road Jiaojiang District

Taizhou City Zhejiang 318000 China

(72) Name of Inventor:

1)DING Yili 2)GUO Yanghui 3)BAI Hua 4)WU Yingqiu 5)YANG Xuan 6)YAN Qingyan

7)CHAI Jian

# (57) Abstract:

Disclosed is a process for chemically synthesizing a pharmaceutical intermediate in particular to a novel intermediate and novel process for synthesizing an anticoagulant drug fondaparinux sodium intermediate full protection heparin pentasaccharide. The process has a high reaction efficiency and a simple reaction operation and enables the reaction intermediate to be easily purified thus being suitable for the industrialized production of the full protection heparin pentasaccharide.

No. of Pages: 41 No. of Claims: 23

(22) Date of filing of Application :31/10/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR TEXTURING A SUBSTRATE HAVING A LARGE SURFACE AREA

(51) International classification: G03F7/00,B29C43/12,B29C59/02 (71) Name of Applicant:

:WO 2013/171420

(31) Priority Document No :1254373 (32) Priority Date :14/05/2012

(33) Name of priority country :France

(86) International Application :PCT/FR2013/051048

No

:14/05/2013 Filing Date

(87) International Publication

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

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

Filing Date

(57) Abstract:

1)SAINT GOBAIN GLASS FRANCE

Address of Applicant: 18 avenue dAlsace F 92400 Courbevoie

(72) Name of Inventor:

1) CHEMIN Nicolas 2)TEISSEIRE Jrmie

3)SONDERGARD Elin

The invention relates to a method for forming a texture on a substrate comprising: depositing a deformable layer on the substrate; bringing the deformable layer into contact with the textured surface of a secondary stamp; introducing the covered substrate and the secondary stamp into a bag made from non permeable material; introducing the bag and the contents thereof into a sealed chamber; removing the air from the chamber until a pressure value of at most 0.5 bar is obtained; sealing the bag before reintroducing air into the chamber; introducing the sealed bag and the contents thereof into an autoclave; applying a pressure of between 0.5 and 8 bar and a temperature of between 25 and 400 °C for a period of between 15 minutes and several hours; opening the bag; and separating the substrate and the secondary stamp. The invention also relates to: a transparent assembly comprising a glass substrate covered with a textured layer which is obtained using the above method; and the uses of the method in order to obtain a substrate intended for extracting guiding or redirecting light or a superhydrophobic or superhydrophilic substrate.

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

(22) Date of filing of Application :21/10/2014

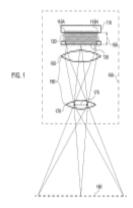
(43) Publication Date: 11/09/2015

# (54) Title of the invention: THREE DIMENSIONAL CAMERA AND PROJECTOR FOR 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</li> <li>Filing Date</li> <li>(62) Printing of the Application Number</li> </ul>	:20/03/2013 :WO 2013/144952 :NA :NA	(71)Name of Applicant:  1)MANTISVISION LTD.  Address of Applicant: 24 Imbar Street Kiryat Arieh 4951158 Petah Tikwa Israel (72)Name of Inventor:  1)ABRAHAM Martin
1 (01110 01	:NA :NA :NA	

#### (57) Abstract:

A 3D imaging apparatus comprising a projector comprising a laser array comprising a plurality of individual emitters a mask for providing a structured light pattern wherein a distance between the laser array and the mask is substantially minimized according to a non uniformity profile of the plurality of individual emitters and according to a uniformity criterion related to the light intensity distribution across the mask plane projection optics to image the structured light pattern onto an object an imaging sensor adapted to capture an image of the object with the structured light pattern projected thereon and a processing unit adapted to process the image to determine range parameters.



No. of Pages: 47 No. of Claims: 84

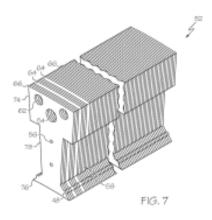
(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DEVICE AND METHOD FOR COOLING ELECTRIC DEVICE HAVING MODULAR STATORS

(31) Priority Document No:61/642,773(32) Priority Date:04/05/2012(33) Name of priority country:U.S.A.	Address of Applicant :Seneca Street and Jamison Road East Aurora New York 14052 U.S.A. (72)Name of Inventor: 1)JONES Franklin B.
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#### (57) Abstract:

An annular stator assembly includes a plurality of stator segments. Each stator segment includes a plurality of laminates having magnetic permeable properties; a plurality of thermally conductive laminates positioned between the permeable laminates; and a cooling pipe extending through the laminates for transferring heat from the laminates to coolant flowing through the cooling pipe. The stator segments are constructed independently. Coils are wound on each segment. The stator segments with the wound coils are subsequently arranged to form the annular stator assembly.



No. of Pages: 28 No. of Claims: 16

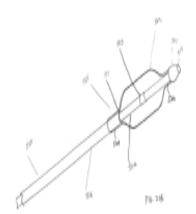
(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: STEERABLE AND CURVABLE CAVITY CREATION SYSTEM

(51) International classification	:A61M29/02,A61B17/34	(71)Name of Applicant:
(31) Priority Document No	:13/461,727	1)OSSEON THERAPEUTICS INC.
(32) Priority Date	:01/05/2012	Address of Applicant :2330 Circadian Way Santa Rosa CA
(33) Name of priority country	:U.S.A.	95407 U.S.A.
(86) International Application No	:PCT/US2013/039149	(72)Name of Inventor:
Filing Date	:01/05/2013	1)BURGER Keith
(87) International Publication No	:WO 2013/166209	2)CHEATWOOD Joshua
(61) Patent of Addition to Application	:NA	3)CHEN Shixin
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Methods and devices for augmenting bone such as in performing vertebroplasty are disclosed. A bone cement injection needle is provided having a laterally deflectable distal end. Systems are also disclosed including the steerable and curvable injection needle introducer and stylet. The system can also include various exit ports that can be configured with clog resistant features such as an obturator. Steerable cavity creation systems and methods are also disclosed.



No. of Pages: 112 No. of Claims: 8

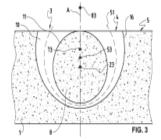
(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: RETAINING WALL

(51) International classification	:E02D29/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VSL INTERNATIONAL AG
(32) Priority Date	:NA	Address of Applicant :Sgestrasse 76 CH 3098 Kniz
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2012/058947	(72)Name of Inventor:
Filing Date	:14/05/2012	1)KUSUMA Surya
(87) International Publication No	:WO 2013/170879	2)SCHWARZ Andreas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Void former assembly for casting facing elements (1) for reinforced earth. Anchoring recesses (2) are cast into its rear face (5) so that earth reinforcing strips can be looped through. The anchoring recesses (2) are each formed as a loop channel (10) having a convex inner surface and a concave outer surface at least one of which has a radius of curvature which increases from the deepest part of the recess (2) towards the rear face (5). A removable void former assembly and method for casting such facing elements (1) are also described. Because of the varying radius of curvature of the surfaces of the channel and the rotational and translational withdrawal path of the void formers the channel (10) can be cast deeper and with openings (3 4) which are closer together than has hitherto been possible using removable void formers.



No. of Pages: 35 No. of Claims: 17

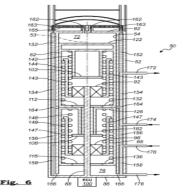
(22) Date of filing of Application :22/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: HEAT PUMP WITH ELECTOMECHANICALLY ACTUATED DISPLACERS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:F25B9/14,F25B30/02,F02G1/053 :61/622,547 :11/04/2012	(71)Name of Applicant:  1)THERMOLIFT INC.  Address of Applicant: 218 Advanced Energy Center 1000
(33) Name of priority country	:U.S.A.	Innovation Road Stony Brook NY 11794 6044 U.S.A.
(86) International Application No Filing Date	:PCT/US2013/036101 :11/04/2013	(72)Name of Inventor : 1)HOFBAUER Peter
(87) International Publication No	:WO 2013/155258	
<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:

A Vuilleumier heat pump is disclosed in which hot and cold displacers are controlled by first and second electromagnetic actuators respectively. The first actuator is capable of moving the hot displacer between the first and second ends of travel while the cold displacer remains stationary and the second actuator is capable of moving the cold displacer while the hot displacer remains stationary. Prior art crank arrangements are unable to provide dwell in one displacer while moving the other displacer. Actuation of the displacers according to embodiments of the present disclosure provides a higher coefficient of performance than crank arrangements.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2123/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BLACK PLATED STEEL SHEET

(51) International :C23C2/06,B32B15/095,C22C18/04

classification (23) Priority Document No :2012-100437

(32) Priority Date :25/04/2012
(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/004254

No :PC1/JP2012/00

Filing Date

(87) International Publication :WO 2013/160973

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application
:NA

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

(71)Name of Applicant:

1)NISSHIN STEEL CO. LTD.

Address of Applicant :3 4 1 Marunouchi Chiyoda ku Tokyo

1008366 Japan

(72)Name of Inventor:

1)NAKANO Tadashi

2)YAMAMOTO Masaya 3)TAKETSU Hirofumi

(57) Abstract:

A black plated steel sheet has a Zn plating layer containing molten Al and Mg containing Al in the amount of 1.0 22.0 mass% containing Mg in the amount of 1.3 10.0 mass% and having a Zn black oxide distributed in a lamella pattern in the plating layer. The Zn black oxide is a Zn oxide derived from a ZnMg phase. The brightness of the surface of the Zn plating layer containing the molten Al and Mg has an L value of 60 or less.



**図1A** 



**図18** 

No. of Pages: 62 No. of Claims: 14

(22) Date of filing of Application :22/10/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR PRODUCING BLACK PLATED STEEL SHEET AND METHOD FOR PRODUCING MOLDED ARTICLE OF BLACK PLATED STEEL SHEET

(51) International classification: C23C28/00,B32B9/00,B32B15/01 (71) Name of Applicant:

(31) Priority Document No :2012-100449 (32) Priority Date :25/04/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/002717

:23/04/2013

Filing Date (87) International Publication

:WO 2013/161268

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

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

1)NISSHIN STEEL CO. LTD.

Address of Applicant: 3 4 1 Marunouchi Chiyoda ku Tokyo

1008366 Japan

(72) Name of Inventor:

1)NAKANO Tadashi

2)YAMAMOTO Masaya

3)TAKETSU Hirofumi

#### (57) Abstract:

The present invention pertains to a method for producing a black plated steel sheet capable of being blackened in a short amount of time and exhibiting an excellent ability to maintain a black appearance after processing. As an original sheet the sheet used is a Zn plating steel sheet which contains molten Al and Mg and has a Zn plating layer containing molten Al and Mg containing Al in the amount of 1.0 22.0 mass% inclusive and containing Mg in the amount of 1.5 10.0 mass% inclusive. The plating layer is blackened by causing the molten plating steel sheet to contact water vapor inside a tightly sealed container. When doing so the concentration of oxygen inside the tightly sealed container is 13% or less.



図3A



図3B

No. of Pages: 66 No. of Claims: 13

(22) Date of filing of Application :23/01/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention: AN IMPROVED OOCYTE RECOVERY APPARATUS AND METHOD OF ITS USE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:G01N35/02, C12Q1/02, C12N5/10, G01N37 :NA	(71)Name of Applicant:  1)Shivani Scientific Industries Private Limited Address of Applicant: 26 A, Raju Industrial Estate, Penkar Pada Road, Near Dahisar Checknaka, Mira, Mumbai - 401104, Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country (86) International Application No Filing Date	:NA :NA :NA	1)MODI, Ashish 2)KALE, Ravikant
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present disclosure discloses an apparatus and method of using such apparatus for recovering oocyte from patient<sup>TM</sup>s uterus. The present disclosure provides hassle-free and user-interactive experience to the user using the apparatus during the oocyte recovery process. The apparatus comprises a profile control module, a user interface module, and proportional control module. The profile control module defines a plurality of profiles. Further, each of the plurality of profiles comprises a plurality of attributes having a plurality of values. The user interface module enables a user to select a profile from the plurality of profiles and a value corresponding to each attribute of the profile selected. Further, proportional control module generates a vacuum level, via a vacuum generating unit, based upon the profile and the value select by the user. Further, the vacuum level generated may be proportionally controlled based on pressure applied on foot pedal.

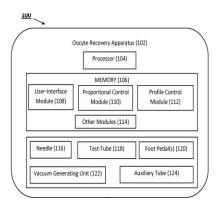


Figure 1

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

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CYCLOPROPANECARBOXYLATE ESTERS OF PURINE ANALOGUES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:A61K31/522 :61/635931 :20/04/2012 :U.S.A. :PCT/US2013/035042 :02/04/2013 :WO 2013/158367 :NA :NA :NA	(71)Name of Applicant:  1)ANNJI PHARMACEUTICAL CO. LTD.  Address of Applicant: 12Fl. 2 No. 1 Guangfu S. Rd. Sungshan Chiu Taipei 105 Taiwan (72)Name of Inventor:  1)CHERN Ji Wang 2)LAI Shin Yu 3)CHANG Pei Teh
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#### (57) Abstract:

Cydopropanecarboxylate esters of purine analogues method of making and using the same for treating herpes virus infections and tumors are disclosed. In an embodiment of the invention the compound of the invention may be used for treating cancer A cancer patient may be first administered a vector such as an adenovector comprising a DNA insert encoding HSV thymidme kinase said vector expressing HSV thymidine kinase in the tumor cells of the subject followed by administration of the compound of the invention. In another aspect the invention relates to use of a compound or a pharmaceutically acceptable salt a solvate or hydrate a prodrug or a metabolite thereof as aforementioned in the manufacture of a medicament for treating herpes virus infection. The medicament may be for treating herpes simplex virus infection herpes zoster infection or cytomegalovirus infection.

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

(22) Date of filing of Application :21/10/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention: SYNTHETIC PROCESS FOR PREPARATION OF MACROCYCLIC C1 KETO ANALOGS OF HALICHONDRIN B AND INTERMEDIATES USEFUL THEREIN

(51) International :C07D493/22,C07D307/20,C07D407/14

:WO 2013/142999

classification

(31) Priority Document :61/618,004

(32) Priority Date :30/03/2012

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

country

(86) International

:PCT/CA2013/050254 Application No :28/03/2013

:NA

Filing Date

(87) International

**Publication No** 

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

Filing Date

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

(71)Name of Applicant:

1)ALPHORA RESEARCH INC.

Address of Applicant :2395 Speakman Drive Suite 2001

Mississauga Ontario L5K 1B3 Canada

(72) Name of Inventor:

1)SOUZA Fabio E.S.

2) RUDOLPH Alena

3)PAN Ming

4)GORIN Boris

5)NGOOI Teng Ko

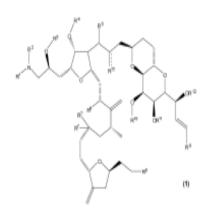
6)BEXRUD Jason A.

7) ORPRECIO Ricardo

8) RANGWALA Huzaifa

#### (57) Abstract:

disclosed herein. Also disclosed is a process for the preparation of the compound of formula 1 or a pharmaceutically acceptable salt thereof and 5 intermediates used therein. The compound of formula (1) can be used in the preparation of halichondrin analogs such as Eribulin; and a process for its preparation from the compound of formula (1) is also disclosed.



No. of Pages: 99 No. of Claims: 36

(22) Date of filing of Application :21/10/2014

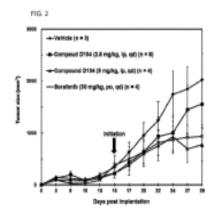
(43) Publication Date: 11/09/2015

# (54) Title of the invention: INDOLIN 2 ONE DERIVATIVES AS PROTEIN KINASE INHIBITORS

(51) International classification	:A61K31/404	(71)Name of Applicant:
(31) Priority Document No	:61/635,931	1)ANNJI PHARMACEUTICAL CO. LTD.
(32) Priority Date	:20/04/2012	Address of Applicant :Rm 2 12FL No. 1 Guangfu S. Rd.
(33) Name of priority country	:U.S.A.	Sungshan Chiu Taipei Taiwan R.O.C. 105 Taiwan
(86) International Application No	:PCT/US2013/035177	(72)Name of Inventor:
Filing Date	:03/04/2013	1)CHERN Ji Wang
(87) International Publication No	:WO 2013/158373	2)JAGTAP Ajit Dhananjay
(61) Patent of Addition to Application	:NA	3)WANG Hsiao Chun
Number	:NA	4)CHEN Grace Shiahuy
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A novel class of indoline 2 one derivatives are disclosed. These compounds are protein kinase inhibitors which are useful for treating hyperproliferative diseases such as cancer. In one embodiment of the invention the cancer is at least one selected from the group consisting of lung cancer colorectal cancer liver cancer and acute myelomonocytic leukemia.



No. of Pages: 86 No. of Claims: 15

(22) Date of filing of Application :23/12/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD AND APPARATUS FOR IP COMMISSIONING AND DECOM MISSIONING IN ORCHESTRATED COMPUTING ENVIRONMENTS

(51) International :G06F9/455,H04L29/12,G06F15/16 classification

(31) Priority Document No :20125680

(32) Priority Date :20/06/2012 (33) Name of priority country: Finland

(86) International Application :PCT/FI2013/050664

No :18/06/2013 Filing Date

(87) International Publication :WO 2013/190180

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

(62) Divisional to Application :NA Number :NA

Filing Date

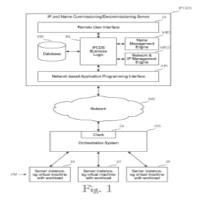
(71)Name of Applicant: 1)FUSIONLAYER OY

Address of Applicant: Keilaranta 1 FI 02150 Espoo Finland

(72) Name of Inventor: 1)HOLKKOLA Juha

#### (57) Abstract:

A server computer (IPCDS) for commissioning/decommissioning IP resources to server instances (SI) provisioned using an orchestration solution. The server and client computers constitute a client server architecture. The server computer comprises a processing system and memory for applications and data including program code instructing the processing system to implement the following features: a user interface (UI) for remote management providing access to data (DB) managed by the server computer; a web based application programming interface (API) supporting service oriented architecture [SOA]; a logic to assign and release IP resources to the clients (CL) based on calls via the API. The logic creates unique IP re source(s) for the server instances (SI) which are nodes of networks with overlapping address spaces. The unique IP resources are based on a name of the private network of the respective server instance and an IP address within that private network.



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

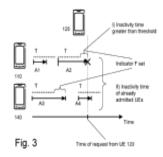
(22) Date of filing of Application :24/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD AND RADIO NETWORK NODE FOR MANAGING RADIO RESOURCES

(51) International classification	:H04W76/06,H04W72/10	
(31) Priority Document No	:NA	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:NA	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/SE2012/050408	1)SUNELL Kai Erik
Filing Date	:16/04/2012	2)HURD Magnus
(87) International Publication No	:WO 2013/158000	3)ARVIDSSON Pontus
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number		
Filing Date	:NA	

#### (57) Abstract:

A set of radio resources are allocated to a first user equipment (110). The radio network node (130) receives a request for radio resources from a second user equipment (120) being associated with a first or second category. Furthermore the radio network node (130) measures an inactivity time period of the first user equipment (110). Then the radio network node (130) releases the set of radio resources when the inactivity time period exceeds a threshold to be applied dependent on the category of the request. The releasing of the set of radio resources is triggered by the request.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2132/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FIBROBLAST GROWTH FACTOR 21 PROTEINS

(51) International classification	:A61K38/18,C07K14/50	(71)Name of Applicant:
(31) Priority Document No	:61/658,104	1)ELI LILLY AND COMPANY
(32) Priority Date	:11/06/2012	Address of Applicant :Lilly Corporate Center Indianapolis
(33) Name of priority country	:U.S.A.	Indiana 46285 U.S.A.
(86) International Application No	:PCT/US2013/044190	(72)Name of Inventor:
Filing Date	:05/06/2013	1)DARLING Ryan James
(87) International Publication No	:WO 2013/188181	2)DICKINSON Craig Duane
(61) Patent of Addition to Application	:NA	3)DRIVER David Albert
Number	:NA	4)GONCIARZ Malgorzata Donata
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

This present invention relates to pharmacologically potent and stable human fibroblast growth factor 21 (FGF21) proteins pharmaceutical compositions comprising FGF21 proteins and methods for treating type 2 diabetes obesity dyslipidemia and/or metabolic syndrome using such proteins.

No. of Pages: 39 No. of Claims: 13

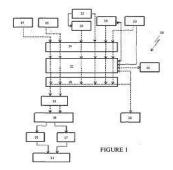
(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: AN IMPLEMENT DISPLACEMENT AND SAFETY SYSTEM

(51) International classification	:B64C11/34, F03D7/02	(71)Name of Applicant: 1)DEERE & COMPANY
(31) Priority Document No	:NA	Address of Applicant :ONE JOHN DEERE PLACE,
(32) Priority Date	:NA	MOLINE, ILLINOIS, 61265-8098, U.S.A. U.S.A.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GUPTA SAURABH
Filing Date	:NA	2)SAXENA PRABAL A
(87) International Publication No	: NA	3)BABAR SANTOSH
(61) Patent of Addition to Application Number	:NA	4)CHIPADE ABHIJEET
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		·

#### (57) Abstract:

The present invention discloses an implement displacement and safety system (10) for a work vehicle. The system includes a controller (22) adapted to receive operational signals from an engine (19), an instrument cluster (21), an alternator (12), a battery (14), a first switch (16) and a second switch (18), of the work vehicle. The controller on receiving the operational signals triggers operation of the adaptor and the vertical displacement linkage, corresponding to the operational signals from the first switch (16) and the second switch (18) respectively, for vertically displacing the implement to a desired position with respect to the ground.



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

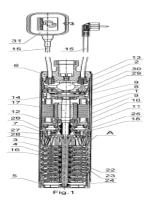
(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: CENTRIFUGAL MULTIPLE IMPELLER ELECTRIC PUMP

(51) International classification	:F04D13/06,F04D1/00	(71)Name of Applicant:
(31) Priority Document No	:2012121589	1)YAZYKOV Andrey Yurievich
(32) Priority Date	:25/05/2012	Address of Applicant :Chobotovskaya 5 ya alley 24 Moscow
(33) Name of priority country	:Russia	119619 Russia Russia
(86) International Application No	:PCT/RU2013/000618	(72)Name of Inventor:
Filing Date	:19/07/2013	1)YAZYKOV Andrey Yurievich
(87) International Publication No	:WO 2013/180604	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/11	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A centrifugal multistage pump VODOMET WATER CANNON contains electric motor (1) condensing case (2) and pump stages (3) installed on the pump cases. The pump stages (3) are located inside the case (4) and are centered by the covers (5) and (6) and also by the support (7). The bearing end shield (10) of the electric motor (1) is sealed with the elastic diaphragm (11). The condensing case (2) is a leakproof cavity where the condenser (13) and the cable connectors (14) (15) of the electric motor (1) are placed. The thermoswitch (30) is located in the condensing box (2) on the heat contactor (29). The pump stages (3) include guide wheels (19) and antifrictional washers (20). The guide wheels are placed on the hexahedral shaft (16). The washers (20) interact with the axial supports ceramic inlays (21) that are inserted into the guide wheels (22). The inlays (21) rest on the end clamps on the butt ends of the guide wheels (19). The guide wheels (22) are sealed with radial inlays and together with pump stages (3) create a hermetic tank.



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

(22) Date of filing of Application :24/12/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR PRODUCING A COMPOSITE ROLL AND COMPOSITE ROLL PRODUCED **THEREBY**

(51) International :B21B27/03,B23K15/00,B23K15/04 classification

(31) Priority Document No :A 50250/2012 (32) Priority Date :26/06/2012

(33) Name of priority country: Austria

(86) International Application: PCT/EP2013/061401

No :03/06/2013 Filing Date

(87) International Publication :WO 2014/001024

(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)SCHR-DER Karl H.

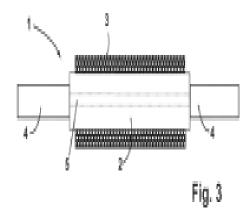
Address of Applicant :5th Street No. 9 Section I Yuen Long

NT Fairview Park Hong Kong China China

(72) Name of Inventor: 1)SCHR-DER Karl H.

#### (57) Abstract:

The invention relates to a method for producing a composite roll (1) wherein a working layer (3) is created on a main body (2) by hot isostatic pressing of a powder. To allow even large working rolls for hot or cold strip trains to be produced it is provided according to the invention that after the hot isostatic pressing of the main body (2) journals (4) are attached to the main body (2) by welding. The invention also relates to a composite roll (1) produced according to the invention.



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

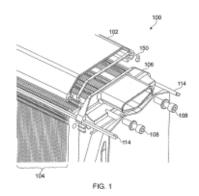
(22) Date of filing of Application :30/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A FUEL CELL ASSEMBLY

(51) International classification	:F15D 1/00	(71)Name of Applicant:
(31) Priority Document No	:1207582.6	1)INTELLIGENT ENERGY LIMITED
(32) Priority Date	:01/05/2012	Address of Applicant :Charnwood Building Holywell Park
(33) Name of priority country	:U.K.	Ashby Road Loughborough LE11 3GB U.K.
(86) International Application No	:PCT/GB2013/051041	(72)Name of Inventor:
Filing Date	:24/04/2013	1)HOOD Peter David
(87) International Publication No	:WO 2013/164572	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

A fuel cell assembly comprising a plurality of fuel cell plates in a stack. The stack defines an air inlet face and/or an air outlet face; and two opposing engagement faces. The fuel cell assembly also comprises a detachable cover configured to releasably engage the two engagement faces in order to define an air chamber with the air inlet or outlet face.



No. of Pages: 31 No. of Claims: 32

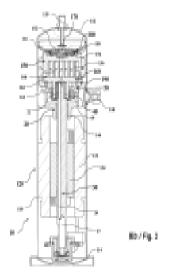
(22) Date of filing of Application :30/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SCROLL COMPRESSOR

(51) International classification	:F04C18/02	(71)Name of Applicant:
(31) Priority Document No	:201210105213.1	1)EMERSON CLIMATE TECHNOLOGIES (SUZHOU)
(32) Priority Date	:11/04/2012	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No. 69 Suhongxi Street Suzhou
(86) International Application No	:PCT/CN2013/073917	Industrial Park Jiangsu 215021 China
Filing Date	:09/04/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/152705	1)SU Xiaogeng
(61) Patent of Addition to Application	:NA	2)GUO Weihua
Number		3)SUN Qingfeng
Filing Date	:NA	4)HU Zhen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A scroll compressor (10) comprising a fixed scroll (150) a movable scroll (160) and a drive shaft (30); the scroll compressor (10) further comprises a movable scroll counterweight (40); the movable scroll counterweight (40) is configured to rotate with the drive shaft (30); and the centrifugal force of the movable scroll counterweight (40) caused by the rotation acts on the hub (162) of the movable scroll (160). The above structure can effectively reduce the impact of the centrifugal force of the movable scroll on the radial seal of a scroll component thus achieving proper radial sealing force between the fixed scroll and the movable scroll at any rotating speed.



No. of Pages: 54 No. of Claims: 43

(22) Date of filing of Application :30/10/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: STRETCH WOVENS WITH A CONTROL YARN SYSTEM

(51) International classification: D03D15/08,D02G3/36,D02G3/32 (71) Name of Applicant:

(31) Priority Document No :61/618,096 (32) Priority Date :30/03/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/033848

No :26/03/2013 Filing Date

(87) International Publication :WO 2013/148659

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)INVISTA TECHNOLOGIES S. r.l.

Address of Applicant : Zweigniederlassung St. Gallen Kreuzackerstrasse 9 9000 St. Gallen Switzerland

(72) Name of Inventor:

1)LIAO Tianvi

2) LEUNG Raymond S.P. 3)NEFEDOV Leonid

#### (57) Abstract:

An article including a woven fabric comprising warp yarns and weft yarns wherein at least one of either the warp yarns or the weft yarns includes: (a) a corespun elastic base yarn having a denier and including staple fiber and an elastic fiber core; and (b) a separate control yarn selected from the group consisting of a single filament yarn a multiple filament yarn a composite yarn and combinations thereof; having a denier greater than zero to about 0.8 times the denier of the corespun elastic base yam; wherein the woven fabric includes (1) a ratio of corespun base yarn ends to control yarn ends of up to about 6:1; or (2) a ratio of corespun base yarn picks to control yarn picks of up to about 6:1; or (3) both a ratio of corespun base yarn ends to control yarn ends of up to about 6:1; and a ratio of corespun base yarn picks to control yarn picks of up to about 6:1.

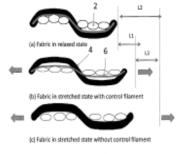


FIG. 1

No. of Pages: 29 No. of Claims: 23

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SYSTEMS AND METHODS FOR MAPPING A SOURCE LOCATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:61/624,181 :13/04/2012 :U.S.A. :PCT/US2013/035916 :10/04/2013 :WO 2013/155148 :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)KIM Lae Hoon  2)VISSER Erik  3)TON Phuong Lam  4)TOMAN Jeremy Patrick
(61) Patent of Addition to Application		3)TON Phuong Lam
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

A method for mapping a source location by an electronic device is described. The method includes obtaining sensor data. The method also includes mapping a source location to electronic device coordinates based on the sensor data. The method further includes mapping the source location from electronic device coordinates to physical coordinates. The method additionally includes performing an operation based on a mapping.

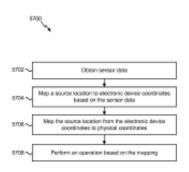


FIG. 57

No. of Pages: 223 No. of Claims: 50

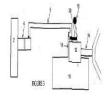
(22) Date of filing of Application :24/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A BY-PASS ARRANGEMENT FOR WORK VEHICLE.

:F15B11/16, B62D5/07, F04B49/00	(71)Name of Applicant: 1)DEERE & COMPANY Address of Applicant:ONE JOHN DEERE PLACE,
:NA	MOLINE, ILLINOIS, 61265-8098, U.S.A. U.S.A.
:NA	(72)Name of Inventor:
:NA	1)CHAVAN KAILAS G.
:NA	2)HOLKAR AMIT M.
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	B62D5/07, F04B49/00 :NA :NA :NA :NA :NA :NA :NA :NA

#### (57) Abstract:

The present invention discloses a by-pass arrangement for a work vehicle which includes a fluid line (6) for communicating pressurized hydraulic fluid to at least one of a transmission case (16) and a hydraulic cylinder (14), corresponding to displacement of a hydraulic switch (8) between an ON-condition and an OFF-condition. The fluid line (6), at the outlet thereof, is bifurcated to form a main conduit (20) and a by-pass conduit (18). A by-pass valve is provided at the junction of the main conduit (20) and the by-pass conduit (18) to selectively open the main conduit (20) and the by-pass conduit (18) corresponding to the ON-condition and the OFF-condition of the hydraulic switch (8) respectively.



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

(22) Date of filing of Application :28/07/2014

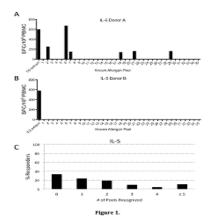
(43) Publication Date: 11/09/2015

# (54) Title of the invention : TIMOTHY GRASS ALLERGENS AND METHODS AND USES FOR IMMUNE RESPONSE MODULATION

		(71)Name of Applicant:
		1)LA JOLLA INSTITUTE FOR ALLERGY AND
(51) International classification	:A61K39/35,A61K38/16	IMMUNOLOGY
(31) Priority Document No	:61/596, 156	Address of Applicant :9420 ATHENA CIRCLE, LA JOLLA,
(32) Priority Date	:07/02/2012	CA 92037, UNITED STATES OF AMERICA. U.S.A.
(33) Name of priority country	:U.S.A.	2)SETTE, Alessandro
(86) International Application No	:PCT/US2013/025213	3)SCHULTEN, Veronique
Filing Date	:07/02/2013	4)GREY, Howard
(87) International Publication No	:WO 2013/119863	5)PETERS, Bjoern
(61) Patent of Addition to Application	:NA	6)GREENBAUM, Jason
Number	:NA	(72)Name of Inventor:
Filing Date	.NA	1)SETTE Alessandro
(62) Divisional to Application Number	:NA	2)SCHULTEN Veronique
Filing Date	:NA	3)GREY Howard
		4)PETERS Bjoern
		5)GREENBAUM Jason

# (57) Abstract:

The invention relates to Timothy Grass proteins and peptides subsequences portions homologues variants and derivatives thereof and methods and uses of Timothy Grass proteins and peptides. Methods include for example modulating an immune response; protecting a subject against or treating a subject for an allergic response allergic disorder or allergic disease; and inducing immunological tolerance to the allergen in a subject.



No. of Pages: 177 No. of Claims: 84

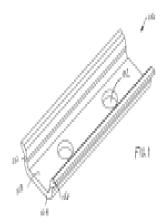
(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MAGNET RETENTION ON ROTORS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:H02K1/27 :61/642,647 :04/05/2012 :U.S.A. :PCT/US2013/039010 :01/05/2013 :WO 2013/166112 :NA :NA	(71)Name of Applicant:  1)MOOG INC.  Address of Applicant: Seneca Street and Janison Road East Aurora New York 14052 U.S.A.  (72)Name of Inventor:  1)NEHRING Andrew I.  2)JONES Stuart A.  3)JONES Franklin B.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A rotor magnet retention device comprises a retainer body and a fastening device. The retainer body includes a bottom region at least two angled side regions extending from the bottom region and at least one opening extending through a bottom surface of the retainer body. The fastening device extends through the opening at a bottom surface of the retainer body to a rotor to flexibly position the retainer body relative to the rotor. A first angled side surface conformably communicates with a first magnet coupled to the rotor and a second angled side surface conformably communicates with a second magnet coupled to the rotor.



No. of Pages: 26 No. of Claims: 17

5)RAMANUJAM Sridhar

(19) INDIA

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: AVAILABLE BANDWIDTH ESTIMATION

(51) International classification :H04W24/00,H04W48/18 (71)Name of Applicant : (31) Priority Document No 1)QUALCOMM INCORPORATED :61/676671 (32) Priority Date :27/07/2012 Address of Applicant : Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 U.S.A. U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/052036 Filing Date :25/07/2013 1)VITTHALADEVUNI Pavan Kumar (87) International Publication No :WO 2014/018744 2)MEYLAN Arnaud (61) Patent of Addition to Application 3)SAMBHWANI Sharad Deepak :NA 4)BURDGE Brandon Allen

Number :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA
Filing Date :NA

ication Number :NA 6)MOHAN Siddharth :NA

### (57) Abstract:

A method and apparatus for determining available downlink bandwidth are described. The described aspects may include estimating an available link capacity of a cell for a user equipment. The described aspects may include estimating an available fraction of cell resources for the user equipment. The described aspects may include estimating available bandwidth of the cell for the user equipment as a function of the estimated available link capacity and the estimated available fraction of cell resources. Available bandwidth may be estimated for a cell in a Universal Mobile Telecommunications System (UMTS) system when the user equipment is in an idle mode and/or a connected mode. Available bandwidth may be estimated for a cell in a Long Term Evolution (LTE) system when the user equipment is in an idle mode and/or a connected mode.

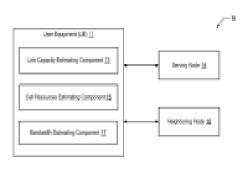


FIG. 1

No. of Pages: 104 No. of Claims: 59

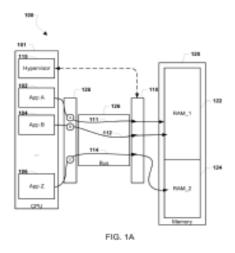
(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: METHOD AND DEVICES FOR SELECTIVE RAM SCRAMBLING

(51) International classification	:G06F21/79,G06F21/62	(71)Name of Applicant:
(31) Priority Document No	:13/571671	1)QUALCOMM INCORPORATED
(32) Priority Date	:10/08/2012	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A. U.S.A.
(86) International Application No	:PCT/US2013/045681	(72)Name of Inventor:
Filing Date	:13/06/2013	1)BOSTLEY III Phil J.
(87) International Publication No	:WO 2014/025453	2)STUBBS Joshua H.
(61) Patent of Addition to Application	:NA	3)MUELLER JR. Philip T.
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method for selectively scrambling data within a memory associated with a computing device based on data tagging. The computing device may define security domains that are protected. Data generated by an application may be packaged as a data bus transaction having tagging information describing the application and/ or the data. The data bus transaction may be transmitted over a bus of the computing device to a memory such as internal memory where the computing device may compare the tagging information to stored information describing security domains. When the data is determined to be protected based on the tagging information the computing device may perform scrambling operations on the data. In an aspect the tagging information may describe a virtual machine used to execute various applications on a processor. In another aspect the tagging information may define destination memory addresses or content protection bit values.



No. of Pages: 43 No. of Claims: 36

(22) Date of filing of Application :23/12/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: ADJUSTMENT DEVICE AND METHOD FOR ADJUSTING SHUTOFF ELEMENTS

(51) International classification :B60K11/08,H02K7/116,F24F13/14

(31) Priority Document No :2008990
(32) Priority Date :12/06/2012
(33) Name of priority country :Netherlands

(86) International Application :PCT/NL2013/050414

No :11/06/2013

Filing Date

(87) International Publication :WO 2013/187760

(61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

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

(71)Name of Applicant:

1)MCI (MIRROR CONTROLS INTERNATIONAL) NETHERLANDS B.V.

Address of Applicant :Pompmolenlaan 29 NL 3447 GK

Woerden Netherlands Netherlands

(72) Name of Inventor:

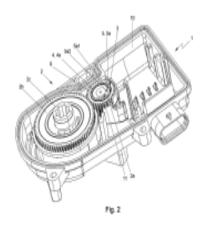
1)BOOM Stephen Alexander George Gustavo

2) HUIJZERS Bastiaan

3)DE VRIES Erik Alfred Simeon

### (57) Abstract:

The invention relates to an adjustment device for adjusting shutoff elements of an air inlet of a motor compartment of a motor vehicle between at least a first position in which the air inlet is substantially closed and a second position in which the air inlet is substantially open. The adjustment device comprises a drive unit. The drive unit comprises a drive train an electric motor with an output shaft for driving the drive train and a drive shaft. The drive train comprises at least one reduction element. The reduction element the output shaft of the electric motor and the output shaft of the adjustment device form drive elements of the drive unit. The adjustment device is provided with a condition determining unit for determining a motion condition of at least one of the drive elements.



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

(22) Date of filing of Application :23/12/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: A BALLOON DILATATION CATHETER FOR TREATMENT OF PARANASAL SINUS DISEASES

(51) International :A61B5/00,A61M25/00,A61M25/10 classification

(31) Priority Document No :TR 2012/06297 (32) Priority Date :29/05/2012 (33) Name of priority country: Turkey

(86) International Application: PCT/IB2013/054396

:28/05/2013

Filing Date

(87) International Publication :WO 2013/179217 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)ALVIMEDICA TIBBI RNLER SAN. VE DIS TIC. A.S.

Address of Applicant :Istanbul Trakya Serbest Blgesi Ferhatpasa Mah. Atat¼rk Bulvari Manolya Sok. No:7 ‡atalca

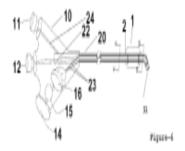
34540 Istanbul Turkey Turkey (72) Name of Inventor:

1)PETER HEINER Wilfred

2)SEN Saadet

#### (57) Abstract:

The invention of the present application is a balloon dilatation catheter providing illumination at the distal tip. Different from the known status of the art and via the novel system found in its structure it provides the advantage of observing not only the proximal tip of the balloon but also the distal tip. Said paranasal sinus balloon dilatation catheter comprises a battery (14) performing the task of power source a LED (16) performing the task of light source (16) and on off button (15) in the hub (10) part. It comprises one or more optic fibers (23) extending within the tubular catheter shaft (20) towards distal direction from the proximal hub (10) body and providing illumination at the catheter tip part.



No. of Pages: 29 No. of Claims: 35

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

(43) Publication Date: 11/09/2015

### (54) Title of the invention: METHOD AND DEVICE FOR FEEDING POURING ELEMENTS ARRANGED AND ORIENTED AT A DISTANCE FROM ONE ANOTHER AND COMPRISING A FLANGE

(51) International classification: B65B37/00,B31B1/84,B65B61/18 (71) Name of Applicant:

:WO 2014/023504

(31) Priority Document No :10 2012 015 465.8

(32) Priority Date :07/08/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/064558

:10/07/2013

Filing Date

(87) International Publication No

(61) Patent of Addition to :NA

**Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

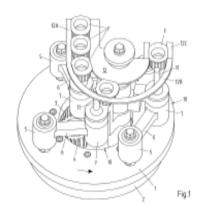
1)SIG TECHNOLOGY AG

Address of Applicant: Laufengasse 18 CH 8212 Neuhausen

am Rheinfall Switzerland Switzerland (72)Name of Inventor:

1)REGG Martin

The invention relates to a method and a device for feeding pouring elements (F) which are arranged and oriented at a distance to one another and which comprise a flange wherein the pouring elements (F) are in each case fed directly lined up next to each other and subsequently separated into individual elements. In order to create a simple and cost effective embodiment as well as a compact design a rotary disk (1) which can be actuated and which has a plurality of mounting blocks (5) that are rotationally mounted on said rotary disk having in each case one guide arm (6) comprising an eye (7) on the free end thereof a pin that is arranged in a stationary and eccentric manner relative to the rotary disk (1) a plurality of articulated arms (9) corresponding to the number of mounting blocks (5) comprising in each case one eye on each end thereof wherein the one end forms a rotary joint (10) with the eye (7) of the associated guide arm (6) and the other end is rotationally mounted about the pin (8) a driving cam (11) as an extended axis of each rotary joint (10) and a guide rail system (12A 12B 12C) for transporting the pouring elements (F) are provided. For this purpose each first pouring element is accelerated along a circular section after the temporary stopping of the following pouring elements and the individual pouring elements are transferred to a further transport path.



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

(22) Date of filing of Application :22/10/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: WATER BASED POWER GENERATION INSTALLATIONS

(51) International :F03B11/00,F03B13/26,F03B17/06

classification

(31) Priority Document No :1206594.2 (32) Priority Date :16/04/2012 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2013/050937

:11/04/2013

Filing Date

(87) International Publication :WO 2013/156759

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

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

Number :NA Filing Date

(71)Name of Applicant:

1)TIDAL GENERATION LIMITED

Address of Applicant :St. Leonards Works St. Leonards

Avenue Stafford ST17 4LX U.K.

(72) Name of Inventor:

1)VIGARS Paul

2)PALETHORPE Benjamin

#### (57) Abstract:

A water based power generating installation comprises a water based power generating device operable to derive power from a body of water and to export that power via a power export cable and an infrastructure arrangement for providing a power export connection from the installation and including infrastructure equipment for the installation which infrastructure equipment serves to connect the power generating device with the power export connection.

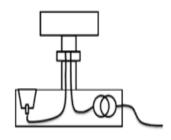


Figure 2

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

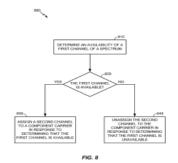
(22) Date of filing of Application :22/10/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: AUTHORIZED SHARED ACCESS CARRIER AGGREGATION WITH SENSING

:H04W72/04,H04W74/08 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)QUALCOMM INCORPORATED :61/654,769 (32) Priority Date :01/06/2012 Address of Applicant : Attn: International IP Administration (33) Name of priority country 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. :U.S.A. (86) International Application No (72) Name of Inventor: :PCT/US2013/043649 Filing Date :31/05/2013 1)PRAKASH Rajat (87) International Publication No :WO 2013/181556 2)GAAL Peter (61) Patent of Addition to Application 3)MALLADI Durga Prasad :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

A method for managing spectrum resources by a network node in a wireless communication system may include determining an availability of a first channel of a spectrum and assigning a second channel to a secondary carrier in response to determining that the first channel is available. In the alternative or in addition the method may include unassigning the second channel to the secondary carrier in response to determining that the first channel is unavailable. The spectrum may be or include Authorized Shared Access (ASA) spectrum. The method may be performed by one or more nodes of a network that is a secondary user of the spectrum. The channel may be deemed unavailable when in use by a primary user of the ASA spectrum. A wireless communication apparatus include a processor coupled to a memory holding instructions for execution by the processor to cause the apparatus to perform operations as described above.



No. of Pages: 47 No. of Claims: 29

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: METHOD AND DEVICE FOR BREWING A BEVERAGE

(51) International classification	:A47J31/06	(71)Name of Applicant:
(31) Priority Document No	:12175405.5	1)UNILEVER PLC
(32) Priority Date	:06/07/2012	Address of Applicant :a company registered in England and
(33) Name of priority country	:EPO	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application No	:PCT/EP2013/063943	Embankment London Greater London EC4Y 0DY U.K. U.K.
Filing Date	:02/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/006049	1)CROSS David Murray
(61) Patent of Addition to Application	:NA	2)PATON Michael
Number	:NA	3)POPA Cristian Simion
Filing Date	.IVA	4)SMITH Alistair David
(62) Divisional to Application Number	:NA	5)TOON Daniel Thomas
Filing Date	:NA	

### (57) Abstract:

A method of preparing a beverage in a brewing device is provided the device comprising an infusion chamber (10) with a bottom rim (12) which defines an opening; a capsule holder (20) for receiving a capsule (30) the capsule holder comprising a sidewall (24) having an upper rim (23) a filter (25) and an openable and closable passage (29) on the opposite side of the filter from the upper rim; the method comprising the steps of: inserting a capsule (30) containing infusible beverage material into the capsule holder (20); connecting the upper rim (23) of the capsule holder (20) to the bottom rim (12) of the infusion chamber (10); introducing liquid into the capsule (30) and releasing the beverage material from the capsule so that the liquid and beverage material mix and flow into the infusion chamber (10) so as to brew the beverage; and then after brewing has taken place opening the passage (29) to allow the beverage to flow from the infusion chamber (10) through the filter (25) and out through the passage.



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

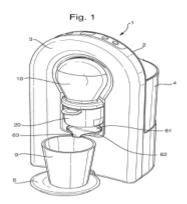
(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD AND DEVICE FOR BREWING A BEVERAGE

(51) International classification	:A47J31/06	(71)Name of Applicant:
(31) Priority Document No	:12175405.5	1)UNILEVER PLC
(32) Priority Date	:06/07/2012	Address of Applicant :a company registered in England and
(33) Name of priority country	:EPO	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application No	:PCT/EP2013/063946	Embankment London Greater London EC4Y 0DY U.K. U.K.
Filing Date	:02/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/006050	1)BITTAR Ahmad
(61) Patent of Addition to Application	:NA	2)CROSS David Murray
Number	:NA	3)PATON Michael
Filing Date	.IVA	4)SMITH Alistair David
(62) Divisional to Application Number	:NA	5)TOON Daniel Thomas
Filing Date	:NA	

#### (57) Abstract:

A method of preparing a tea beverage in a capsule based brewing device is provided the device comprising an infusion chamber (10); a capsule holder (20) sized and shaped so as to receive a capsule (30); a filter (25); an openable and closable passage (29) which terminates in an orifice (40); a vessel (60) located beneath the orifice (40) and having a spout (63); the method comprising the steps of: introducing liquid and infusible beverage material from the capsule (30) into the infusion chamber (10) so as to brew the beverage; and then after brewing has taken place for a sufficient time opening the passage (29) to allow the beverage to flow from the infusion chamber (10) through the filter (25) along the passage (29) through the orifice (40) into the vessel (60) and out from the spout (63).



No. of Pages: 16 No. of Claims: 12

(22) Date of filing of Application :22/10/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: SUBSTITUTED PYRIDINE COMPOUNDS AS CRAC MODULATORS

(51) International :C07D413/14,C07D413/04,A61K31/4439 classification

(31) Priority Document :6/KOL/2012

:02/05/2012 (32) Priority Date

(33) Name of priority :India

country

(86) International :PCT/IB2013/053440

Application No :01/05/2013

Filing Date

(87) International :WO 2013/164769 Publication No

(61) Patent of Addition :NA to Application Number

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

(71)Name of Applicant: 1)LUPIN LIMITED

Address of Applicant: 159 CST Road Kalina Santacruz (East)

State of Maharashtra Mumbai 400 098 Maharashtra India

(72) Name of Inventor:

1)IRLAPATI Nageswara Rao 2)SHAIKH Zubair Abdul Wajid

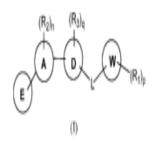
3)KARCHE Vijay Pandurang 4)DESHMUKH Gokul Keruji

5)SINHA Neelima 6)PALLE Venkata P.

7)KAMBOJ Rajender Kumar

### (57) Abstract:

The present invention relates to compounds described herein Formula (I) and pharmaceutical acceptable salts thereof which modulate the activity of calcium release activated calcium (CRAC) channel. The invention also describes the compounds of Formula (I) and pharmaceutical compositions containing such compounds thereof for treating managing and/or lessening the severity of diseases disorders syndromes or conditions associated with the modulation of calcium release activated calcium (CRAC) channel.



No. of Pages: 111 No. of Claims: 22

(22) Date of filing of Application :22/10/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: SUBSTITUTED PYRAZOLE COMPOUNDS AS CRAC MODULATORS

(51) International :C07D413/14,C07D401/14,A61K31/4439 classification

(31) Priority Document :6/KOL/2012

:02/05/2012 (32) Priority Date

(33) Name of priority :India

country

(86) International :PCT/IB2013/053446

Application No :01/05/2013

Filing Date

(87) International :WO 2013/164773 Publication No

(61) Patent of Addition :NA

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

**Application Number** :NA Filing Date

(71)Name of Applicant:

1)LUPIN LIMITED

Address of Applicant: 159 CST Road Kalina Santacruz (East)

State of Maharashtra Mumbai 400 098 Maharashtra India

(72)Name of Inventor:

1)IRLAPATI Nageswara Rao

2)DESHMUKH Gokul Keruji

3)KHEDKAR Nilesh Raghunath

4)KULKARNI Kiran Chandrashekhar

5)SHAIKH Zubair Abdul Wajid

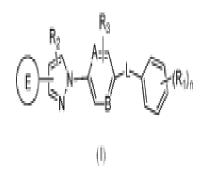
6)SINHA Neelima

7)PALLE Venkata P.

8)KAMBOJ Rajender Kumar

#### (57) Abstract:

The present invention relates to compounds described herein Formula (I) and pharmaceutical acceptable salts thereof which modulate the activity of calcium release activated calcium (CRAC) channel. The invention also describes the compounds of Formula (I) and pharmaceutical compositions containing such compounds thereof for treating managing and/or lessening the severity of diseases disorders syndromes or conditions associated with the modulation of calcium release activated calcium (CRAC) channel.



No. of Pages: 99 No. of Claims: 19

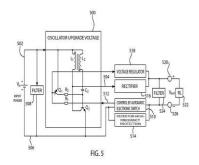
(22) Date of filing of Application :22/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: OSCILLATOR CIRCUIT WITH VOLTAGE BOOSTER

(51) International classification	:H03B5/12	(71)Name of Applicant:
(31) Priority Document No	:13/456272	1)GLOBAL IONICS LLC
(32) Priority Date	:26/04/2012	Address of Applicant :39 Washington Avenue Pleasantville
(33) Name of priority country	:U.S.A.	NY 10570 U.S.A.
(86) International Application No	:PCT/US2012/064613	(72)Name of Inventor:
Filing Date	:12/11/2012	1)CHEN Yong
(87) International Publication No	:WO 2013/162645	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An oscillator circuit with a voltage booster includes separated coils to oscillate and boost the input direct current voltage. The two coils are wound in opposite directs and magnetically coupled to one another. One of the coils is in series with a capacitor to form a LC oscillator. The circuit enables changing the frequency of oscillation by changing the number of turns on the coil in series with the capacitor or by changing the value of the capacitor. The output voltage level can be changed by changing the number of turns on the remaining coil.



No. of Pages: 27 No. of Claims: 16

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: CAPSULE METHOD AND DEVICE FOR BREWING A BEVERAGE

(51) International :B65D85/804,A47J31/06,A47J31/44

(31) Priority Document No :12175405.5 (32) Priority Date :06/07/2012

(33) Name of priority country: EPO

(86) International Application: PCT/EP2013/063948

No :02/07/2013 Filing Date

(87) International Publication :WO 2014/006052

No (61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

(62) Divisional to
Application Number :NA:

Filing Date

(71)Name of Applicant : 1)UNILEVER PLC

Address of Applicant :Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72)Name of Inventor:

1)CROSS David Murray

2)PATON Michael

3)POPA Cristian Simion

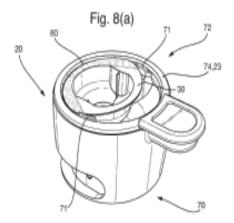
4)SMITH Alistair David

5)TOON Daniel Thomas

6)WILBY Terence John

### (57) Abstract:

A capsule for use in a brewing device is provided comprising a body part which defines a cavity and which has a flange a lid which is attached to the flange and tea material enclosed within the capsule characterized in that the shape of the flange is defined by two intersecting circular arcs when viewed from above. A brewing device which comprises a capsule holder for receiving the capsule is also provided the capsule holder comprising a sidewall which is circular when viewed from above and which has an upper rim a shelf on at least part of the inside of the sidewall a filter and an openable and closable passage on the opposite side of the filter from the upper rim. A method of preparing a tea based beverage in the brewing device using the capsule is also provided.



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

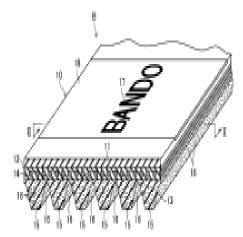
(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: TRANSMISSION BELT AND MANUFACTURING METHOD THEREFOR

(51) International classification :F16G1/06,B29D29/00,F16G5/04 (71)Name of Applicant: (31) Priority Document No :2012-149795 1)BANDO CHEMICAL INDUSTRIES LTD. (32) Priority Date :03/07/2012 Address of Applicant: 6 6 Minatojima Minamimachi 4 chome (33) Name of priority country Chuo ku Kobe shi Hyogo 6500047 Japan Japan :Japan (86) International Application (72) Name of Inventor: :PCT/JP2013/004138 1)YAMAJI Yoshinori No :03/07/2013 Filing Date 2)HIRAKUNI Kenji (87) International Publication :WO 2014/006899 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

### (57) Abstract:

The transmission belt (B) is provided with a transparent or semitransparent sheet material (18) so as to cover the portion comprising a mark (17) on the surface of the main belt body (10). In the main belt body (10) at least the portion (11) that is covered with the sheet material (18) is formed from a rubber composition that has been vulcanized using sulfur. The sheet material (18) is formed from a rubber material obtained from a diene rubber and is unified with the main belt body (10) by being vulcanized using sulfur together with the rubber composition forming the portion (11) of the main belt body (10) that is covered by the sheet material (18).



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

(22) Date of filing of Application :22/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DROP DETECTION OF HUMAN FOLLICLE FLUID IN A TEST TUBE

(51) International classification	:A23L1/105, A23D9/007, A23D9/02, A23L1	(71)Name of Applicant:  1)Shivani Scientific Industries Private Limited Address of Applicant: 26 A, Raju Industrial Estate, Penkar Pada Road, Near Dahisar Checknaka, Mira, Mumbai 401104,
(31) Priority Document No	:NA	Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MODI, Ashish
(86) International Application No	:NA	2)KALE, Ravikant
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 present disclosure discloses an apparatus and a method for detecting first and subsequent drops of follicle fluid falling into a test tube during an aspiration process. A pair of optical devices (emitter and detector) is positioned at opposite side of the test tube. The emitter emits a beam of light towards the detector. As soon as a drop of the follicle fluid falls into the test tube, a signal processing circuitry detects a change in intensity of the light received by the detector. Further, the intensity of beam is compared with a predefined intensity. Based on the comparison, if the difference between the pre-defined intensity and intensity is greater than a predefined threshold value, the signal processing circuitry generates an electrical signal indicating the detection of the first drop of the follicle fluid falling into the test tube.

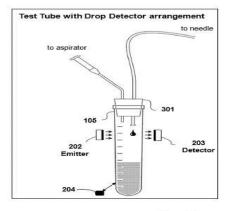


Figure 3

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

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

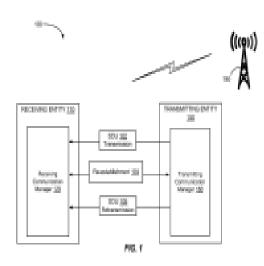
(43) Publication Date: 11/09/2015

# (54) Title of the invention : METHOD AND APPARATUS FOR ENHANCING DATA RETRANSMISSION TO IMPROVE CALL PERFORMANCE

(51) International classification (31) Priority Document No	:H04L1/18 :61/680007	(71)Name of Applicant : 1)QUALCOMM INCORPORATED
(32) Priority Date	:06/08/2012	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/053758	
Filing Date	:06/08/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/025755	1)KANAMARLAPUDI Sitaramanjaneyulu
(61) Patent of Addition to Application	:NA	2)CHAKRAVARTHY Chetan Gopalakrishnan
Number	:NA	3)SINGH Manmeet
Filing Date		4)SURIYAMOORTHY Aravindh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A method and apparatus for enhancing data retransmission to improve call performance are described. At least one protocol data unit (PDU) may be transmitted from a transmitting entity to a receiving entity. The at least one PDU may be part of a service data unit (SDU). It may be determined to perform a communication re establishment. As such the SDU may be retransmitted beginning with a first PDU transmitted as part of the SDU. In an aspect the transmitting entity may be a radio link control (RLC) transmitting device and the receiving entity may be a radio link control (RLC) transmitting protocol layer and the receiving entity may be a radio link control (RLC) transmitting protocol layer and the receiving entity may be a radio link control (RLC) receiving protocol layer both within a protocol stack of a device.



No. of Pages: 54 No. of Claims: 16

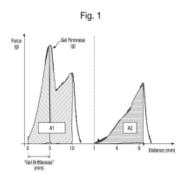
(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CONCENTRATE FOOD COMPOSITION COMPRISING ACID PECTIN GEL

(51) International classification	:A23L1/39,A23L1/40,A23L1/24	(71)Name of Applicant:
(31) Priority Document No	:12174652.3	1)UNILEVER PLC
(32) Priority Date	:02/07/2012	Address of Applicant :a company registered in England and
(33) Name of priority country	:EPO	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application N	o:PCT/EP2013/062895	Embankment London Greater London EC4Y 0DY U.K.
Filing Date	:20/06/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/005853	1)SILVA PAES Sabrina
(61) Patent of Addition to	:NA	2)SCHUMM Stephan Georg
Application Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.1 11 1	

#### (57) Abstract:

The present invention relates to a concentrate food composition and the use said food composition for preparing a bouillon soup sauce gravy or seasoned dish. The dissolution or dispersion of the known high salt food concentrates in water or through a dish may often take several minutes while a rapid dissolution and dispersion through the dish is of high importance. Therefore there is a need for a food concentrate that allows high dilution rates while maintaining the taste impact and which food concentrate dissolves relatively rapid in hot water or a hot dish. It has been found that a food concentrate in the form of a gel having a pH lower than 3.5 comprising water sodium salt and a gelling pectin dissolves quickly in hot water or a hot dish.



No. of Pages: 46 No. of Claims: 14

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: CONCENTRATE FOOD COMPOSITION IN THE FORM OF A GEL

(51) International classification
(31) Priority Document No
(32) Priority Date
(32) Priority Date
(33) Name of priority country
(86) International Application No :PCT/EP2013/061974
Filing Date
(11/06/2013

(87) International Publication No :WO 2014/005801

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

Number :NA
Filing Date :NA

## :A23L1/39,A23L1/40,A23L1/24 (71)Name of Applicant :

## 1)UNILEVER PLC

Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72)Name of Inventor:

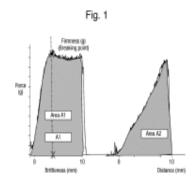
1)SILVA PAES Sabrina

2)BOUWENS Elisabeth Cornelia Maria

3)MELLEMA Michel

#### (57) Abstract:

The present invention relates to a concentrate food composition comprising water salt and pectin for preparing a bouillon a soup a sauce a gravy or a seasoned dish. The aim of the present invention is to provide a concentrate food composition in the form of a gel at room temperature and which is shape stable at high salt levels while the increase in viscosity upon cooling of the diluted concentrate food composition is very low. It has been found that a concentrate food composition in the form of a stable gel can be obtained when the concentrate comprises water sodium salt comminuted plant material pectin and calcium salt wherein part of said pectin is bound to said comminuted plant material and part of said pectin is not bound to said comminuted plant material (free pectin) and said free pectin and said bound pectin are present in a ratio of from 0.2 to 200.



No. of Pages: 64 No. of Claims: 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1704/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/08/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: A PHOTOSTABLE SUNSCREEN COMPOSITION

:14/12/2012

(51) International classification :A61K8/35,A61K8/49,A61K8/97 (71)Name of Applicant: (31) Priority Document No :PCT/CN2012/000126

(32) Priority Date :26/01/2012 (33) Name of priority country :China

(86) International Application :PCT/EP2012/075597

No Filing Date

(87) International Publication No:WO 2013/110409

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

(62) Divisional to Application :NA Number :NA

Filing Date

### 1)UNILEVER PLC

Address of Applicant: a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K U.K.

(72)Name of Inventor:

1)SHUKLA Ravi Kant

2)GADGIL Vijay Ramchandra 3)BANDYOPADHYAY Punam

4)LI Lin

### (57) Abstract:

The invention relates to a photo stable sunscreen composition comprising a sunscreen stabilizer. It is an object of the present invention to provide a highly photo stable sunscreen composition preferably extractable from a natural material while ensuring prolonged efficacy of the UV A organic sunscreen used therein. The present inventors have achieved this by including Tanshinone IIA which is a diterpenoid othroquinone which is present in certain plants to achieve the desired sunscreen stabilisation.

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

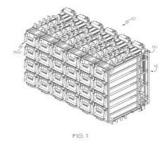
(22) Date of filing of Application :31/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: POWER MANAGEMENT SYSTEMS

(51) International classification	:H01R13/64,H02M1/00	(71)Name of Applicant:
(31) Priority Document No	:61/653,141	1)MOOG INC.
(32) Priority Date	:30/05/2012	Address of Applicant :Seneca Street and Jamison Road East
(33) Name of priority country	:U.S.A.	Aurora New York 14052 U.S.A.
(86) International Application No	:PCT/US2013/043049	(72)Name of Inventor:
Filing Date	:29/05/2013	1)JONES Franklin B.
(87) International Publication No	:WO 2013/181214	2)JONES Stuart A.
(61) Patent of Addition to Application	:NA	3)NEHRING Andrew I.
Number	:NA	4)JONES Daniel
Filing Date	.114	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Provided are a power management system and method. At least one frame module includes at least one bay and a plurality of first connectors at a rear portion of the at least one bay and at least one power conversion unit positioned in the at least one bay. The at least one power conversion unit includes a plurality of second connectors. Each second connector is removably coupled to a first connector of the plurality of first connectors. The first and second connectors include a combination of high power cooling and control connectors.



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

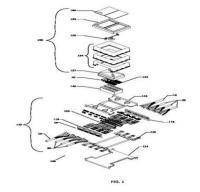
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: POWER DISTRIBUTION UNIT

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> </ul>	H02B3/00 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Raychem RPG Private Limited Address of Applicant: RPG House, 463, Dr. Annie Besant Road, Mumbai 400 030, Maharashtra, India Maharashtra India (72)Name of Inventor:  1)S. Jeyaraman
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

POWER DISTRIBUTION UNIT ABSTRACT The present invention provides a power distribution unit (100). The power distribution unit (100) includes a housing assembly (110) comprising a housing, at least one bus bar assembly (120) provided in the housing, the bus bar assembly (120) allowing a plurality of distribution cables (20) to be connected to a feeder cable (10), the bus bar assembly (120) having multiple sections wherein adjacent sections are coupled to the bus bar assembly (120) via a bus bar link (122) and wherein each section comprises a set of distribution cables (20) connected to single feeder cable (10) and a plurality of connecting means (30) for connecting the set of distribution cables (20) to the feeder cable (10) for power distribution, said connecting means (30) being detachable allowing making and breaking of link between the feeder cable (10) and distribution cables (20) to enable uninterrupted power supply in a fault condition.



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

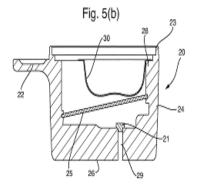
(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DEVICE AND METHOD FOR BREWING A BEVERAGE

(51) International classification	:A47J31/06	(71)Name of Applicant:
(31) Priority Document No	:12175405.5	1)UNILEVER PLC
(32) Priority Date	:06/07/2012	Address of Applicant :a company registered in England and
(33) Name of priority country	:EPO	Wales under company no. 41424 of Unilever House 100 Victoria
(86) International Application No	:PCT/EP2013/063949	Embankment London Greater London EC4Y 0DY U.K.
Filing Date	:02/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/006053	1)CROSS David Murray
(61) Patent of Addition to Application	:NA	2)PATON Michael
Number	:NA	3)POPA Cristian Simion
Filing Date	.11/1	4)SMITH Alistair David
(62) Divisional to Application Number	:NA	5)TOON Daniel Thomas
Filing Date	:NA	6)WILBY Terence John

#### (57) Abstract:

A capsule holder for receiving a capsule containing tea material is provided the capsule holder comprising a sidewall having an upper rim means for supporting the capsule within the capsule holder so that the capsule partially covers the area inside the upper rim a filter situated beneath the intended location of the capsule and an openable and closable passage on the opposite side of the filter from the upper rim. A brewing device comprising the capsule holder and a method of brewing a tea based beverage in the brewing device are also provided.



No. of Pages: 37 No. of Claims: 18

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: SYSTEM AND METHOD FOR COLLECTING SCREENSHOTS

(51) International classification	:G06F17/30	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Tata Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman
(33) Name of priority country	:NA	Point, Mumbai 400021, Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BABU, Dinesh
(87) International Publication No	: NA	2)RENGARAJAN, Srikrishnan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

System and method for collecting one or more screenshots generated in a computing environment is described. Method comprises monitoring an occurrence of one or more events associated with screen capture continuously. The occurrence of the events results in change in a variable and, wherein the variable is associated with an input command for the screen capture. The variable is memory variable and represents a key status. The screen capture is associated with generation of the screenshots. Method comprises automatically fetching screenshots based upon the change in the variable and automatically generating a title for each screenshot. Method further comprises automatically storing the screenshots along with the generated title in a pre-defined document. Method comprises transmitting acknowledgment message onto input/output modality upon successful or unsuccessful storing of each screenshot. Method also comprises receiving images from the input/output modality and inserting the images in pre-defined document for information purpose.

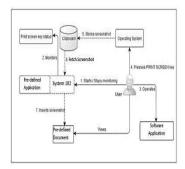


Figure 3

No. of Pages: 39 No. of Claims: 25

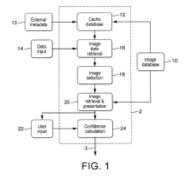
(22) Date of filing of Application :28/10/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: METHOD AND SYSTEM FOR USER AUTHENTICATION

(51) International classification	:G06F21/36	(71)Name of Applicant:
(31) Priority Document No	:1206927.4	1)WONGA TECHNOLOGY LIMITED
(32) Priority Date	:19/04/2012	Address of Applicant :1st Floor Riverview House 21 23 City
(33) Name of priority country	:U.K.	Quay Dublin Ireland Ireland
(86) International Application No	:PCT/EP2013/057822	(72)Name of Inventor:
Filing Date	:15/04/2013	1)GALORE Jonathan
(87) International Publication No	:WO 2013/156448	2)HEGARTY Daniel
(61) Patent of Addition to Application	:NA	3)SHAPIRO Larry
Number	:NA	4)KADYROV Alexey
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A system for providing a measure of confidence of identity of a user of an online system comprising an input for receiving data relating to a specified individual including address data indicating an address of the individual an image metadata retrieval unit arranged to retrieve metadata from an image metadata database related to a plurality of images of the geographical area in the vicinity of the address of the individual and also metadata related to images of a different geographical area an image selection unit arranged to select using the metadata one or more images representing the geographical area in the vicinity of the address and one or more images representing a different geographical area an image presentation unit arranged to present to the user the set of images representing the geographical area in the vicinity of the address and the images of a different geographical area an input arranged to receive data specifying a selection made by the user indicating which images relate to the geographical area in the vicinity of the address the individual; and an output arranged to assert the data specifying the selection made by the user to a confidence calculation unit to use this data to determine a measure of confidence that the user is the specified individual.



No. of Pages: 44 No. of Claims: 30

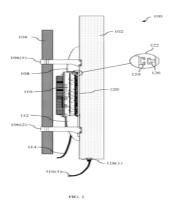
(22) Date of filing of Application :22/12/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ANTENNA RADOME WITH REMOVEABLY CONNECTED ELECTRONICS MODULE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:H01Q1/24,H01Q1/42 :61/663318	(71)Name of Applicant : 1)ANDREW LLC
(32) Priority Date	:22/06/2012	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	NC 28602 U.S.A. U.S.A.
(86) International Application No	:PCT/US2013/036949	(72)Name of Inventor:
Filing Date	:17/04/2013	1)RUCKI John S.
(87) International Publication No	:WO 2013/191800	2)BUONDELMONTE Charles J.
(61) Patent of Addition to Application Number	:NA	3)COLAPIETRO Julian R. 4)CHANDRASEKARAN Rajiv
Filing Date	:NA	•
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

In one embodiment an antenna assembly in a cellular network has a radome that houses a plurality of antenna arrays and an electronics module. The electronics module has a weatherproof housing that encloses electronics for processing signals received by and transmitted from a first of the antenna arrays. The electronics module is physically removeably connected to an outer surface of the radome and electrically removeably connected to the first antenna array such that the electronics module can be removed without (i) disrupting service to other antenna arrays and (ii) removing the antenna assembly from the cell tower on which the antenna assembly is installed.



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

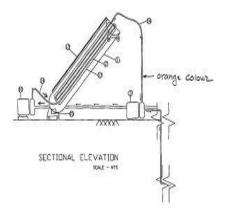
(22) Date of filing of Application :29/01/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: SOLAR STOVE

<ul> <li>(51) International classification</li> <li>(31) 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>	:F24J2/02, F24J2/16 :NA :NA :NA :NA	(71)Name of Applicant:  1)BELSARE DILIP SHRIKRISHNA Address of Applicant: D-9, KASTURBA HSG. SOCIETY, VISHRANTWADI, PUNE-411 015, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)BELSARE DILIP SHRIKRISHNA
(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	: NA : NA :NA :NA :NA	1)BELSAKE DILIF SHRIKRISHNA

#### (57) Abstract:

Solar stove is a stove similar to fire wood stove or LPG stove, in place of firewood or LPG solar heat energy is used. The solar heat energy is transferred to utensils through hot air generated at focal point of solar concentrator. At focal point solar concentrator heat energy is generated. This generated solar heat as absorbed by air in copper tubes then this hot air is passed on stone pebbles. These pebbles are kept in a underground tank (Heat Sump) constructed from fire bricks. Heat from hot air is absorbed by pebbles and the temp of pebbles is increased. Thus heat is stored in Heat Sump. Another copper tube grid is embedded in the hot pebble, one end of this grid is open to atmosphere and other end of this copper tube is connected to stove through air blower. Hence heat is taken by air in copper tube grid from stored hot pebbles and this hot air is thrown on the utensils kept on the stove. In this way food is cooked on the stove running on solar heat energy. Stove heat is controlled by speed of the air blower. Heat stored in pebbles is used in stove, hence this stove can be utilized in the night also solar heat is not there.



No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :30/10/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: APPARATUS AND METHODS FOR MOVING RELAY INTERFERENCE MITIGATION IN MOBILE E.G. CELLULAR COMMUNICATION NETWORKS

#### (51) International classification :H04W84/00 (31) Priority Document No :219328 (32) Priority Date :22/04/2012 (33) Name of priority country :Israel (86) International Application No Filing Date :22/04/2013

(87) International Publication No :WO 2013/160892

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

### (71)Name of Applicant: 1)ELTA SYSTEMS LTD.

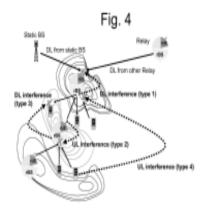
Address of Applicant: 100 Yitzchak Hanassi Blvd. P.O.B. 330

77102 Ashdod Israel Israel :PCT/IL2013/050345 (72)Name of Inventor : 1)SHOSHAN Yaakov

2)SCHWARTZ Adi

#### (57) Abstract:

A system for multicarrier cellular communication in a cellular network including a multiplicity of nodes the system comprising at an individual moving relay from among the multiplicity of nodes an r BS having downlink communication according to a protocol with UEs served thereby; and a co located r RM (relay Resource Manager) having a controller; wherein the controller is operative to induce the r BS to generate a selective minimally interfered region in a domain and/or to coordinate between schedulers in the relay to ensure that each user has its own time and/or frequency such that channels do not overlap because time and/or frequency are shifted to prevent the overlap.



No. of Pages: 122 No. of Claims: 60

(22) Date of filing of Application :21/11/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: WATER CLARIFICATION COMPOSITION AND PROCESS

(71)Name of Applicant: (51) International classification :C02F1/52,C02F1/56 1)UNILEVER PLC (31) Priority Document No :12173601.1 Address of Applicant : Unilever House 100 Victoria (32) Priority Date :26/06/2012 Embankment London EC4Y 0DY U.K. (33) Name of priority country :EPO (72) Name of Inventor: (86) International Application No :PCT/EP2013/061968 1)BARNE Sameer Keshav Filing Date :11/06/2013 2)PATHAK Gaurav (87) International Publication No :WO 2014/001078 3)RAJAGOPAL Ramasubramaniam (61) Patent of Addition to Application :NA 4)RAJENDIRAN Ganesan Number :NA 5)SANKAR Rachana Filing Date 6)SHAH Bijal Dharmvirbhai (62) Divisional to Application Number :NA 7)SHRESTH Rudra Saurabh Filing Date :NA 8)SINHA Archana

### (57) Abstract:

The present invention is in the field of water purification compositions and processes. In particular the invention relates to the clarification of laundry wash and/or rinse liquor for water saving by re use. A fast water purification and clarification process for the treatment of household water especially laundry wash and more typically laundry rinse water remains to be desired. It is therefore an object of the present invention to provide water saving in household process especially laundry processes especially hand wash; especially in a short time. We have found that a composition comprising flocculant coagulant filler and cationic surfactant provides effective water clarification and purification.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.238/MUM/2014 A

(19) INDIA

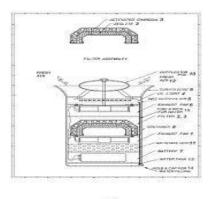
(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

(54) Title of the invention: OXY-Z

(51) International classification	:C07C62/34, C07C62/00	(71)Name of Applicant: 1)SAMI MAKKI
(31) Priority Document No	:NA	Address of Applicant :B- 36 Abhimanshree Society Pashan
(32) Priority Date	:NA	Road Pune Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SAMI MAKKI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55)		•

#### (57) Abstract:

The invention describes a device which filters the surrounding incoming air by passing it through layers of filters including zeolite, activated charcoal and ultra violet light and finally through a fan circulating filtered air which further propels the filtered and purified air towards people.



No. of Pages: 8 No. of Claims: 7

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CARDANOL BASED COLOUR STABLE EPOXY HARDENERS

		(71)Name of Applicant:
(51) International classification	C08G59/62,	1)BPC INNOVATION LLP
	C07C215/50	Address of Applicant :204, Siddharth Complex R.C. Dutt
(31) Priority Document No	:NA	Road, Alkapuri Vadodara - 390 007 Gujarat, India. Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Gupte Hrishikesh Sharadkumar
(86) International Application No	:NA	2)Aras Kirtikumar Narayan
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:

CARDANOL BASED COLOUR STABLE EPOXY HARDENERS The present invention discloses cardanol based colour stable epoxy hardeners. In the present invention the cardanol glycidyl ether is used as a starting material for producing the cardanol based phenalkamine and phenalkamide hardeners. The cardanol based phenalkamine and phenalkamide epoxy hardeners have the property of colour stability for a long time. The present invention also claims low curing temperatures for the present hardeners, as low as 0 °C. An embodiment of the invention is process for production of solvent free cardanol based phenalkamide hardeners.

No. of Pages: 27 No. of Claims: 19

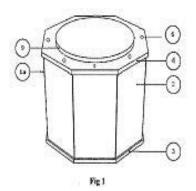
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: BOREWELL RECHARGING SYSTEM

(51) International classification	F24J3/08, F24D5/02, F24F5/	(71)Name of Applicant: 1)ATTARWALA HABIL Address of Applicant:5/D/3 CENTER POINT, PANCHVATI, AHMEDABAD 380006, GUJARAT, INDIA Gujarat India
(31) Priority Document No	:NA	2)ATTARWALA YUSUFI
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SHARMA DINESH
(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	:1288/MUM/2006	
Filed on	:17/08/2006	

#### (57) Abstract:

The borewell recharging system comprises a modular well for rain water harvesting consisting of atleast one module (lm) constructed around a bore well having a suction pipe (16) and a casing pipe (17) around the suction pipe. The modular well consists of a plurality of flat vertical elements (2) arranged together vertically side by side in close contact with one another in an endless configuration between a flat bottom element (3) and a flat top element (4) to describe an empty storage space (5) within. The various elements have holding means (6, 7, 8) to hold them together. The sidewalls of the vertical elements are chamfered to maintain close contact between the sidewalls of the adjacent vertical elements. The top element has a centre opening (3a) and a lid (9) for the centre opening therein. The casing pipe (17) is perforated (17a) at the lower part thereof and is closed at the top thereof and open at the bottom thereof and has air vents (13a) at the top thereof. A primary filter bed (14a) and a secondary filter bed (14b) are disposed in the module around the casing pipe one above the other. All the elements and the lid are made of mechanically strong, corrosion resistant, durable and non-porous material. (Fig 15)



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1991/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/10/2014

(43) Publication Date: 11/09/2015

### (54) Title of the invention: PRE BLENDED MIXTURES OF SPECIFIC HYDROCARBON LIQUIDS STRUCTURED WITH HIGH MELTING POINT STRUCTURING MATERIAL

(51) International classification :A61K8/31,A61K8/34,A61K8/36 (71) Name of Applicant: (31) Priority Document No :13/447343 (32) Priority Date :16/04/2012 (33) Name of priority country :U.S.A.

(86) International Application

:PCT/EP2013/057510 :10/04/2013

Filing Date

(87) International Publication No:WO 2013/156370

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

(62) Divisional to Application :NA Number :NA

Filing Date

#### 1)UNILEVER PLC

Address of Applicant: a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72) Name of Inventor:

1)LIU Hongjie

2)HU Yuntao Thomas 3)CHANDAR Prem

### (57) Abstract:

The invention provides pre blended mixtures of specific hydrocarbon liquids of defined viscosity structured with high melting point materials such as waxes. The pre blend provides occlusivity (moisture retention) to the skin which is comparable to that provided by petrolatum alone. As such these pre blends are intended as potential substitutes for the use of petrolatum in cosmetic compositions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.268/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/02/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: FUEL TANK CAP LOCK

(51) International classification :E05B65/12,E05C19/02,E05C5/04 (71)Name of Applicant:

:07/07/2012

(31) Priority Document No :10 2011 108 154.6

(32) Priority Date :22/07/2011 (33) Name of priority country :Germany

(86) International Application :PCT/DE2012/000687

force of a torsion spring (3) about its longitudinal axis (6).

Filing Date

(87) International Publication :WO 2013/013653

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)KIEKERT AKTIENGESELLSCHAFT

Address of Applicant : Hseler Platz 2 42579 Heiligenhaus

Germany Germany

The invention relates to a lock for a fuel tank cap or tailboard in a vehicle comprising a locking bolt (1) which can be adjusted between an open and a closed position by opening and closing the cap or tailboard. Said cap lock in the housing (2) of the locking device is positively driven counter to the force of a compression spring (4) in the direction of its longitudinal axis and counter to the

(72) Name of Inventor:

1)BASAVARAJAPPA Madhu S.

2)WAHMANN Hendrik

Fig.1

No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A SYNERGISTIC SUSPO-EMULSION FORMULATION OF PYRIPROXYFEN AND DIAFENTHIURON.

<ul> <li>(51) International classification</li> <li>(31) 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>	:A01N43/653 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)GSP CROP SCIENCE PVT. LTD  Address of Applicant: 404, LALITA COMPLEX, 352/3 RASALA ROAD, NAVRANGPURA, AHMEDABAD-380009, GUJARAT, INDIA Gujarat India (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)GUJRAL, AJIT SINGH 2)SHAH, KENAL V. 3)SHAH, BHAVESH V. 4)ARVIND SINGH
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a synergistic formulation comprising of Pyriproxyfen as a free base or its agrochemically acceptable salts and Diafenthiuron as a free base or its agrochemically acceptable salts in the form of suspo-emulsion. The invention also relates to the process for the preparation of the said formulations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.303/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: LOW DOSE PHARMACEUTICAL COMPOSITION

	:A61K9/72,	(71)Name of Applicant:
(51) International classification	A61P31/16,	1)CIPLA LIMITED
	A61K31/351	Address of Applicant :MUMBAI CENTRAL, MUMBAI-400
(31) Priority Document No	:NA	008, MAHARASHTRA. INDIA. 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:

Abstract The present invention relates to relates to a pharmaceutical composition comprising abiraterone and one or more pharmaceutically acceptable excipients, to a process for preparing such pharmaceutical composition and to the use of the said pharmaceutical composition for the treatment of prostate cancer.

No. of Pages: 30 No. of Claims: 35

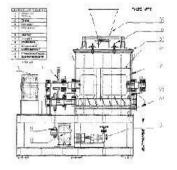
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: CONTINUOUS MIXER-EXTRUDER ASSEMBLY

(51) International classification	B28C7/02, E04B2/02, B29C47/	Address of Applicant :2B/34 WINDMERE BLDG., NEW LINK ROAD, NEAR OSHIWARA POLICE STATION,
(31) Priority Document No	:NA	ANDHERI-WEST, MUMBAI-400 053. Maharashtra India
(32) Priority Date	:NA	2)MR. UMANG BUDHRAJA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MR. RAJKUMAR BUDHRAJA
Filing Date	:NA	2)MR. UMANG BUDHRAJA
(87) International Publication 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 continuous mixer-extruder assembly for continuous mixing and extrusion, wherein the apparatus comprising at least one mixer device and at least one extrusion die. The assembly ensures continuous manufacturing of extrudes without any stoppage. These extrudes are used for various industries such as pharmaceutical, Home and personal care, neutraceutical, herbal, ayurveda, agrochemicals, dyes, pigments, food and micro nutrients inorganic and organic chemical or any other industrial for dust free operation. The task in accordance with the invention is solved by providing an extruder system for extruding a fluid with at least one supply device, at least one mixer device and at least one extrusion die, whereby at least one device for producing a fluid flow that completely or partially surrounds the material to be extruded and essentially runs parallel to the direction of outlet of the material to be extruded is provided, and whereby the fluid is discharged from the extruder system by suction and/or pressure of the transport fluid flow. Depending upon the design of the extruder various mesh size ranging from 300 micron to 7500 micron are possible.



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

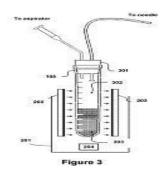
(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: LEVEL DETECTION OF FOLLICLE FLUID IN TEST TUBE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:C12Q1/00, C12Q1/68, C12N15/873, G01N3 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)Shivani Scientific Industries Private Limited Address of Applicant: 26 A, Raju Industrial Estate, Penkar Pada Road, Near Dahisar Checknaka, Mira, Mumbai 401104, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)MODI, Ashish 2)KALE, Ravikant
Filing Date	:NA	

## (57) Abstract:

The present disclosure discloses an apparatus and a method for detecting level of the follicle fluid falling into a test tube during an aspiration process. The apparatus may be configured for detecting the level of the follicle fluid falling into the test tube. Upon detecting that the level reaches the pre-defined threshold level in the test tube, the apparatus may be further configured to notify a doctor about the level of the follicle fluid into the test tube via an audio alarm or visually through the ultrasound monitor. The notification enables the doctor to concentrate on the aspiration process and further facilitates to prevent spilling of the follicle fluid from the test tube, once the follicle fluid reaches the pre-defined threshold level of the test tube.



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

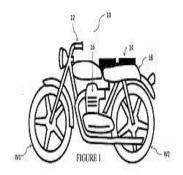
(22) Date of filing of Application :27/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A FUEL TANK WITH AN ENCLOSURE IN A TWO WHEELED 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> </ul>	B62D61/00 :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MAHINDRA TWO WHEELERS LTD  Address of Applicant: D1 BLOCK, PLOT NO.18/2, MIDC, CHINCHWAD, PUNE-411 019, MAHARASHTRA, INDIA.  Maharashtra India (72)Name of Inventor:  1)SAI SANDEEP VARLAKATI 2)SANTOSH KUMAR PANDEY
<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)SANTOSH KUMAR PANDEY 3)VENKAT RAMAN YOGARAJA 4)LAKSHMANAN SOLAITHEVAR 5)SATHIS KUMAR SUNDARARAJU

### (57) Abstract:

A two wheeled vehicle (10) includes a fuel tank (18) for storing the fuel required for propelling an internal combustion engine (16). The two wheeled vehicle (10) typically can be a straddle type vehicle with an internal combustion engine (16) mounted on the front. The fuel tank (18) of the two wheeled vehicle (10) comprises a base portion (22) having an aperture (28) at a pre-determined location on its bottom surface (30), a top portion (20), a enclosure (24) located inside the base portion (22) and a fuel outlet (26) connected to the enclosure (24). The enclosure (24) has a bottom surface (34) provided with an aperture (32) and side surfaces (36, 37, 40 and 41) that together defines the enclosure volume. On one of the side surfaces (41) of the enclosure (24) there is an opening (38) provided at a predetermined distance away from the bottom surface (34) of the enclosure (24) to allow the ingress of fuel from the base portion (22) into the enclosure (24).



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

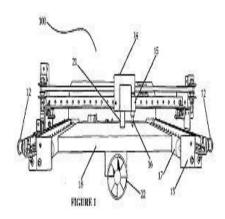
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: EMBOSSING PLOTTING MACHINE

(51) International classification	:A61F13/15, B31F1/07, B31F1/14, B31F1/	(71)Name of Applicant:  1)CHOPADE RAVINDRA GANPAT  Address of Applicant: IIT MARKET GATE, GOKHALE  NAGAR, POWAI, MUMBAI - 400076, MAHARASHTRA,
(31) Priority Document No	:NA	INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)CHOPADE RAVINDRA GANPAT
(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 embossing plotting machine comprises a base adapted to receive a surface on which the embossing is to be done, said and further adapted to receive a film on said surface, said foil being the embossing material on said surface; and at least a 2-axis plotter device for plotting a pattern onto said surface, said, said plotter device being guided by respective timing belts and pulleys in corresponding axes enabled by stepper motors, thereof to control motion of plotting in said 2-axis.



No. of Pages: 19 No. of Claims: 12

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FERTILIZER COMPOSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C05B7/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3RD FLOOR, MAKERS CHAMBER- IV, 222, NARIMAN POINT, MUMBAI - 400021, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)JASRA RAKSH VIR 2)SIDHPURIA KALPESHKUMAR BHIKHUBHAI 3)SATISH KUMAR 4)PRAKASH KUMAR 5)PURANIK VIJAYALAKSHMI RAVI 6)MURTHY NAGARATHINAM SHENBAGA 7)KATTI HEMANT VASANT 8)SINGH VISHNU 9)POTHURU SRINIVASARAO 10)GUNJATE RAMCHANDRA TATOBA
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## (57) Abstract:

The present disclosure relates to a process for the preparation of a fertilizer product which includes preparing a first mixture, pugging, kneading the mixture to obtain dough and processing the dough to obtain shaped articles which are dried to obtain the fertilizer product of the present disclosure. The fertilizer product of the present disclosure includes elemental sulfur, at least one swelling agent, at least one plant growth regulator, optionally at least one inorganic material and water.

No. of Pages: 26 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :27/05/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: MICROBICIDAL COMPOSITION

(51) International classification	:A61K9/00, A01P1/00,A01N31/08	(71)Name of Applicant: 1)UNILEVER PLC
(31) Priority Document No	:61/567348	Address of Applicant :a company registered in England and
(32) Priority Date	:06/12/2011	Wales under company no. 41424 of Unilever House 100 Victoria
(33) Name of priority country	:U.S.A.	Embankment London Greater London EC4Y 0DY U.K. U.K.
(86) International Application No	:PCT/EP2012/074398	(72)Name of Inventor:
Filing Date	:05/12/2012	1)CORNMELL Robert Joseph
(87) International Publication No	:WO 2013/083578	2)DIEHL Megan Anne
(61) Patent of Addition to Application	:NA	3)GOLDING Stephen
Number	:NA	4)HARP John Robert
Filing Date	.IVA	5)STOTT IanPeter
(62) Divisional to Application Number	:NA	6)THOMPSON KatherineMary
Filing Date	:NA	7)TRUSLOW CarolLynn

(21) Application No.1019/MUMNP/2014 A

# (57) Abstract:

(19) INDIA

A synergistic microbicidal composition comprising: (a) at least one microbicide selected from the group consisting of a monosubstituted phenol and an isopropyl methyl phenol; and (b) at least one microbicide selected from the group consisting of substituted cyclohexyl propyl 1 3 diols propen 2yl methyl cyclohexanols and menthadiene alcohols.

No. of Pages: 77 No. of Claims: 15

(22) Date of filing of Application :06/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD FOR ENRICHING EXHAUST GASES WITH UNBURNT HYDROCARBON

(51) International classification :F02D41/40,F02D41/02,F02D41/00

(31) Priority Document No :NA

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

(86) International Application :PCT/EP2012/001122

No :14/03/2012

Filing Date :14/03/2012

(87) International Publication :WO 2013/135250

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(62) Divisional to Application

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

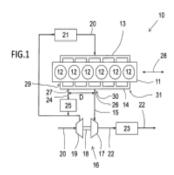
1)VOLVO LASTVAGNAR AB

Address of Applicant: S 405 08 Gteborg Sweden Sweden

(72)Name of Inventor:
1)CARLSSON Annika

(57) Abstract:

The invention concerns a method for enriching the exhaust gases of a combustion engine (10) with unburnt hydrocarbon. The method comprises the steps of monitoring engine operating conditions and performing in cylinder post injection of unburnt hydrocarbon into one predetermined cylinder (12) of at least two cylinders (12) connected to an exhaust manifold (14) when the monitored engine operating conditions equal predetermined engine operating conditions. The predetermined engine operating conditions are set for resulting in a substantially zero flow of said post injected hydrocarbon to an EGR circuit for the specific design of the engine in operation.



No. of Pages: 24 No. of Claims: 32

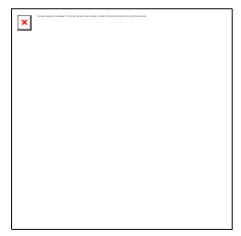
(22) Date of filing of Application :24/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DISPOSABLE ENEMA APPARATUS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61M3/02 :NA :NA	(71)Name of Applicant:  1)Intas Pharmaceuticals Ltd.  Address of Applicant: Intas Pharmaceuticals Ltd. 2nd Floor,
(33) Name of priority country	:NA	Chinubhai Centre, Ashram Road, Ahmedabad 380009 Gujarat
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Kirti Bansidhar Maheshwari
(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 apparatus to administer an enema comprising: an enema bag, wherein the enema bag includes an opening, a delivery tube, an applicator nozzle and a removable cap. The tube has two ends, wherein the one end is attached in the opening of the enema bag and on the other end applicator nozzle is attached; the said applicator nozzle is inserted into the patient<sup>TM</sup>s rectum.



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

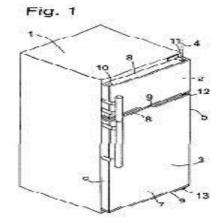
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: HOUSEHOLD APPLIANCE AND DOOR HINGE ASSEMBLY THEREFOR

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	E05D7/12 :NA	(71)Name of Applicant:  1)BSH BOSCH AND SIEMENS HAUSGERATE GMBH Address of Applicant: CARL-WERY-STRASSE 34, 81739
(32) Priority Date (33) Name of priority country	:NA :NA	MUNICH, GERMANY Germany 2)GODREJ & BOYCE MANUFACTURING COMPANY
(86) International Application No	:NA	LIMITED
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MOHAN RAMESH
(61) Patent of Addition to Application Number	:NA	2)NIMBARAGI MAHANTESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A door hinge assembly for a household appliance comprises a first hinge member (11, 12, 13) having a base (14) and at least one shaft portion (19 20) which projects from said base (14) and defines an axis of rotation (4), a second hinge member (8, 9) in which a bearing socket (10) is formed for rotatably receiving said shaft portion (19, 20) and a bearing bush (23), and a stopper member (26) which is displaceable along with said second hinge member (8, 9) and which, in a limiting position of the hinge assembly, abuts against said base (14), characterized in that the stopper member (26) and the bearing bush (23) are formed as one piece (21, 22).



No. of Pages: 16 No. of Claims: 12

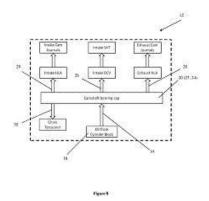
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ENGINE LUBRICATION SYSTEM

(51) International classification	F02B75/02, F01M1/04, F01M1/	Address of Applicant :Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)REDDY SIVANNARAYANA M
(86) International Application No	:NA	2)VISWANATH J
Filing Date	:NA	3)JOSHI 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:

In accordance with the present disclosure, an engine lubrication system 12 includes a first fluid supply passage 14 provided on a cylinder head 16 for communicating fluid from the oil sump 18; a camshaft bearing cap 20 provided on the cylinder head 16, a cavity portion 22 is defined on the camshaft bearing cap 20, the first fluid supply passage 14 being connected to the cavity portion 22; a second fluid passage 26 fluidically connected to the cavity portion 22 of the camshaft bearing cap 20; and a third fluid passage 28 defined within the cylinder head 16 and fluidically connected to the cavity portion 22 of the camshaft bearing cap 20. Figure 8



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

(22) Date of filing of Application :27/01/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention : IDEBENONE LIPID NANOCARRIER COMPOSITION FOR THE TREATMENT OF NEURODEGENERATIVE DISORDERS

(51) International classification	:A61K31/136, A61K9/127, A61K9/51, A61K	(71)Name of Applicant:  1)SACHIN SUBHASH SALUNKHE  Address of Applicant: A/P: CHINCHANI (AMBAK), TAL- KADEGAON, DIST- SANGLI: 415303, MAHARASHTRA.
(31) Priority Document No	:NA	INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SACHIN SUBHASH SALUNKHE
(86) International Application No	:NA	2)NEELA MANISH BHATIA
Filing Date	:NA	3)MANISH SUDESH BHARIA
(87) International Publication 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 related to the development of Idebenone lipid nanocarrier composition for the treatment of neurodegenerative disorders. Idebenone lipid nanocarrier composition in the form of Nanostructured lipid carrier (NLC) was prepared by solvent evaporation along with nanoprecipitation technique. This pharmaceutical composition is useful for the treatment of neurodegenerative disorders such as Alzheimers disease, memory impairments not reaching the stage of Dementia etc.

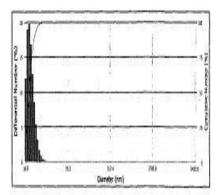


Figure 1 Particle size distribution of Idebenone loaded NLC

No. of Pages: 36 No. of Claims: 14

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD FOR AN E-COMMERCE PLATFORM WITH VENDOR SCHEDULER

<ul><li>(51) International classification</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>	G06Q40/02 :NA	(71)Name of Applicant: 1)GYAN PRAKASH KESARWANI Address of Applicant: EMP 24, FLAT 404, EVERSHINE PHASE 1, THAKUR VILLAGE, KANDIVALI (E), MUMBAI - 400 101, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor:
Filing Date	:NA	1)GYAN PRAKASH KESARWANI
(87) International Publication 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 are provided for providing an alternative payment platform, including method and systems for providing a platform for presenting an alternate offer to a user who is engaged with a primary offer and receiving an indication of the users engagement with the alternate offer, wherein the users engagement with the alternate offer serves as an alternative form of payment for an item associated with the primary offer. Such methods and systems may further include methods and systems for selecting one or more alternate offers engagement with which serves as an alternative form of payment for an item associated with a primary offer, presenting the selected alternate payment offers to a user, receiving an indication of engagement with at least one of the alternate offers, receiving payment in exchange for presenting the accepted offer and providing payment to the offer or of the primary offer. The method further comprises installation of an application over a handheld computing device comprising a mobile or a Smartphone or a Personal Computer or a Laptop or a Tablet.

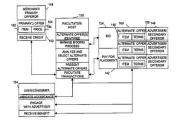


FIG.1

No. of Pages: 60 No. of Claims: 7

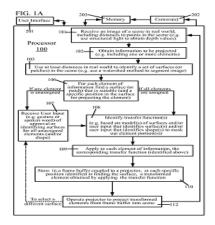
(22) Date of filing of Application :19/02/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : DYNAMIC SELECTION OF SURFACES IN REAL WORLD FOR PROJECTION OF INFORMATION THEREON

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li><li>(33) Name of priority country</li></ul>	:61/525,628 :19/08/2011 :U.S.A.	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/046817	U.S.A.
Filing Date (87) International Publication No	:14/07/2012 :WO 2013/028280	(72)Name of Inventor : 1)KULKARNI Tejas Dattatraya
<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:

One or more devices capture a scene of real world and process one or more image(s) which include distances to points on surfaces in the real world. The distances are used to automatically identify a set of surfaces in the real world. The one or more devices check whether a surface in the set is suitable for display of an element of information to be projected into the scene. On finding that a surface is suitable a transfer function is automatically identified followed by automatic application of the transfer function to the element of the information. A transformed element which results from automatically applying the transfer function is stored in a frame buffer coupled to a projector at a specific position in the frame buffer identified during the check for suitability. When no surface is suitable user input is obtained followed by projection of information per user input.



No. of Pages: 44 No. of Claims: 26

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD FOR BUILDING GREEN NETWORK

(51) International classification	:H04L12/46,H04L12/28	(71)Name of Applicant:
(31) Priority Document No	:2013074675	1)CYBER SOLUTIONS INC.
(32) Priority Date	:29/03/2013	Address of Applicant :6 3 Minami Yoshinari 6 chome Aoba ku
(33) Name of priority country	:Japan	Sendai shi Miyagi 9893204 Japan
(86) International Application No	:PCT/JP2014/055251	(72)Name of Inventor:
Filing Date	:03/03/2014	1)KEENI Glenn Mansfield
(87) International Publication No	:WO 2014/156485	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Provided is a technique for building a green architecture for achieving efficient power saving in a Layer 2 network the technique having: a packet collection process (S01) for collecting all broadcast packets communicated within the network and extracting packet information; a MAC IP history generation process (S02) for generating MIPT with the latest timestamp from the packet information; an access analysis process (S03) for counting on the basis of information about the MIPT the number of packets per category of {SMAC DMAC} in each time slot having a certain interval and generating a MAcT; an L2 switch port analysis process (S04) for generating an MDMAcT on the basis of information about the MAcT; a green architecture building process (S05) for generating a GMDMAcT in which a port connection configuration of the MDMAcT has been updated; and a visualization process (S06) for displaying information about the GMDMAcT.

No. of Pages: 25 No. of Claims: 4

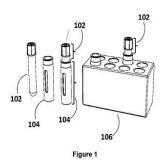
(22) Date of filing of Application :22/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: TEMPERATURE CONTROLLING METHOD FOR USE IN IN-VITRO FERTILIZATION (IVF)

	:A01N1/02,	(71)Name of Applicant:
(51) International classification	A61D19/00,	,
	C12N5/02	Address of Applicant :26 A, Raju Industrial Estate, Penkar
(31) Priority Document No	:NA	Pada Road, Near Dahisar Checknaka, Mira, Mumbai 401104,
(32) Priority Date	:NA	Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MODI, Ashish
Filing Date	:NA	2)KALE, Ravikant
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a method for maintaining temperature of a human follicle fluid containing a human oocyte. The method may comprise a warm dry block, wherein the warm dry block may be adapted to hold a plurality of tubes. The warm dry block may further be adapted to constantly maintain the temperature of the human follicle fluid containing human oocyte in the tube. In one aspect, when the tube is displaced from the warm dry block, an outer jacket may facilitate to maintain the temperature until the tube is again placed in the warm dry block. In one aspect, the tube is wrapped around with the outer jacket, wherein the outer jacket may be composed of Aluminum (Al) alloy.



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

(22) Date of filing of Application :07/02/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention : A COMPOSITION DEVICE AND METHOD FOR DELAYED AND SUSTAINED RELEASE OF BRAIN ENERGY MOLECULES

(51) International classification :A61K9/20,A61F13/02,A61K31/7004

(31) Priority Document No :61/572,258

(32) Priority Date :14/07/2011

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

country

(86) International :PCT/US2012/046782

Application No
Filing Date

:rC1/03201
:13/07/2012

(87) International

Publication No :WO 2013/010137

(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)ABLE CEREBRAL, LLC

Address of Applicant :55 NEW STREET,P.O. BOX 14, EPHRATA, PENNSYLVANIA 17522 USA. U.S.A.

(72)Name of Inventor:

1)XIA Jun

## (57) Abstract:

The present invention relates to compositions devices and methods of delayed and sustained release of energy molecules for brain function to treat nocturnal hypoglycemia. The composition comprises an energy molecule required for human brain function; wherein the release of the energy molecule is delayed and then sustained over a period of time. The device is a transdermal delivery device comprising a reservoir layer containing the composition and a skin permeation enhancer formulation an adhesive layer a backing layer and a release liner. The method comprises administering the composition either orally or through the transdermal delivery device to a subject in need thereof immediately prior to going to sleep.

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

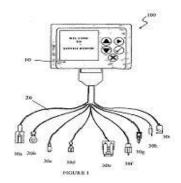
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: SYSTEM AND METHOD FOR DETERMINING FAULTS IN 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 Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> </ul>	:G01M17/00, G06F7/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)MAHINDRA TWO WHEELERS LIMITED  Address of Applicant: D-1 BLOCK, PLOT NO. 18/2 (PART),  MIDC, CHINCHWAD, PUNE - 411 019 MAHARASHTRA,  INDIA Maharashtra India  (72)Name of Inventor:  1)SUNDARAM SUDHARSHAN  2)MALAGI SANTOSH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A diagnostic system includes an user interface, a communication network, a diagnostic module and a memory. The user interface displays and facilitates navigation through and interactive selection of various selectable options corresponding to different vehicles, different sub-systems associated with each vehicle of the different vehicles, different elements of a particular vehicle sub-system for a particular vehicle for selecting a particular vehicle and a particular sub-system corresponding to the selected vehicle for performing diagnosis thereof. The user interface displays different parameters associated with and indicative of operational condition of each element of a particular vehicle sub-system corresponding to a vehicle. The user interface displays different error codes corresponding to different faults detected. The communication network is universally compatible with any vehicle and sub-systems corresponding to any vehicle to facilitate communication between the user interface and any vehicle and sub-systems corresponding to any vehicle.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.433/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ANTIBACTERIAL COMPOSITION FOR TOPICAL USE

(51) International classification :A61K31/215,A61K38/10,A61P17/10

(31) Priority Document No :BS2012A000126 (32) Priority Date :01/08/2012

(33) Name of priority :Italy

country

(86) International :PCT/IB2013/056199

Application No Filing Date :29/07/2013

(87) International

Publication No :WO 2014/020516

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

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

(71)Name of Applicant:

1)GENERAL TOPICS S.R.L.

Address of Applicant :Localit Santigaro 32 I 25010 San Felice

del Benaco (BS) Italy (72)Name of Inventor:

1)DE PAOLI AMBROSI Gianfranco

## (57) Abstract:

Staphylococcus AureusThe present invention relates to an antibacterial composition preferably for topical use comprising triethyl citrate and a peptide consisting of 15 amino acids of sequence FAKALKALKAL NH2 wherein F is phenylalanine A is alanine K is lysine and L is leucine particularly for the treatment of acne suppurative or non suppurative hidradenitis atopic dermatitis characterized by colonization by impetigo interdigital infections folliculitis boils post traumatic infections and burned skin infections.

No. of Pages: 41 No. of Claims: 11

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD AND APPARATUS FOR DUAL CAMERA SHUTTER

(51) International classification	:H04N5/232	(71)Name of Applicant :
(31) Priority Document No	:61/676283	1)QUALCOMM INCORPORATED
(32) Priority Date	:26/07/2012	Address of Applicant :ATTN: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2013/050627	U.S.A.
Filing Date	:16/07/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/018307	1)MA Wan Shun Vincent
(61) Patent of Addition to Application	:NA	2)WU Hung Hsin
Number	:NA	3)SHANMUGAVADIVELU Karthikeyan
Filing Date	.11/1	4)GOLIKERI Adarsh Abhay
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Described herein are methods and devices that employ a dual shutter button feature associated with an image capture device to recommend a capture mode to a user based on one or more parameters analyzed by the image capture system. As described providing a primary shutter button and a secondary shutter button enables the user to capture in both a standard capture mode by using the primary shutter button and in an alternate mode by using a secondary shutter button.

#### MAGE CONTEXT RECOGNITION

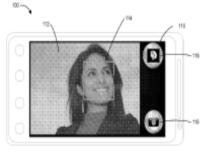


FIG. 1

No. of Pages: 35 No. of Claims: 20

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

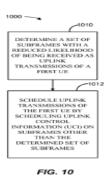
(43) Publication Date: 11/09/2015

# (54) Title of the invention : MULTIPLEXING UES WITH DIFFERENT TDD CONFIGURATIONS AND SOME TECHNIQUES TO MITIGATE UE TO UE AND BASE STATION TO BASE STATION INTERFERENCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:61/673699 :19/07/2012 :U.S.A. :PCT/US2013/051287 :19/07/2013 :WO 2014/015266 :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. U.S.A.  (72)Name of Inventor:  1)KUMAR Raj K.  2)BHATTAD Kapil  3)GORE Dhananjay A.
. ,	:NA :NA	3)GORE Dhahanjay A.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A method of wireless communication includes determining a set of subframes with a reduced likelihood of being received as uplink transmissions of a first user equipment (UE). The method also includes scheduling uplink transmissions of the first UE by scheduling uplink control information (UCI) on subframes other than the determined set of subframes.



No. of Pages: 58 No. of Claims: 62

(22) Date of filing of Application :25/01/2014

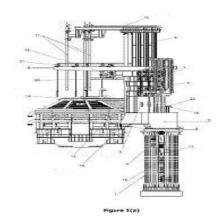
(43) Publication Date: 11/09/2015

# (54) Title of the invention: A SYSTEM FOR CONTROLLED INTRODUCTION OF LANCE FROM TOP FOR CONTROLLED OXYGEN BLOWING IN FURNACES SUCH AS ELECTRIC ARC FURNACE INCLUDING CONARC FURNACE.

		(71)Name of Applicant :
	:C21C5/46,	) · · · -
(51) International classification	C21C5/50,	
()		Taluka Pen, Dist. Raigad, Maharashtra, PIN 402107, India;
	F27B3/0	Having the Registered Office at JSW CENTRE, BANDRA
(31) Priority Document No	:NA	KURLA COMPLEX, BANDRA(EAST), MUMBAI-400051,
(32) Priority Date	:NA	STATE OF MAHARASHTRA,INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SINGH, Binod Kumar
Filing Date	:NA	2)DEWANGAN, Basant Kumar
(87) International Publication No	: NA	3)JADHAV, Sanjay Shankarrao
(61) Patent of Addition to Application Number	:NA	4)MAJUMDAR, Dipankar Niranjan
Filing Date	:NA	5)JADHAV, Dilip
(62) Divisional to Application Number	:NA	6)SALVI, Dilip Jagannath
Filing Date	:NA	7)POLAMARASETTI, Balaraju
		8)SASWADE, Sachin

## (57) Abstract:

TITLE: A SYSTEM FOR CONTROLLED INTRODUCTION OF LANCE FROM TOP FOR CONTROLLED OXYGEN BLOWING IN FURNACES SUCH AS ELECTRIC ARC FURNACE INCLUDING CONARC FURNACE. The present invention relates to a system for controlled introduction of lance from top for controlled oxygen blowing in furnaces such as Electric Arc Furnace including Conarc Furnace with provision for controlled lance positioning including lifting and lowering as per need and controlled oxygen blowing arrangement and water cooled delta with three openings for lance with the arrangement of nitrogen cooling, suitably supported on guided column and frame structures with bearing mounted swiveling operation of support column. Advantageously, the three lance operation system for Conarc furnace according to the present invention is equipped with WinCC HMI screen for triple lance visualization and operation, alongwith signals from flow meters connected to PLC, which in turn is visible on HMI screen for use by operation crew. Importantly, the three lance operation system is capable to support desired oxygen blowing for refining of steel in such refining vessels such as CONARC furnace which would achieve higher efficiency and productivity.



No. of Pages: 35 No. of Claims: 21

(22) Date of filing of Application :03/03/2015 (43) Publication Date: 11/09/2015

## (54) Title of the invention: ULTRA LOW LATENCY MULTI PROTOCOL NETWORK DEVICE

:H04L12/851,H04L12/813 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/702317 (32) Priority Date :18/09/2012 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2013/059171

Filing Date :11/09/2013 (87) International Publication No :WO 2014/046929

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

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

1)CISCO TECHNOLOGY INC.

Address of Applicant: 170 West Tasman Drive San Jose CA

95134 1706 U.S.A.

(72) Name of Inventor: 1)EDSALL Thomas J. 2)FULLI Alessandro 3)SUBAGIO Putu Harry

4)LI Mingzhe

5)WILDMAN Christopher A.

6)LIN Yichou

7)HUANG Chih tsung

#### (57) Abstract:

Presented herein are techniques to achieve ultra low latency determination of processing decisions for packets in a network device. A packet is received at a port of a network device. A processing decision is determined in a first processing decision path based on content of the packet and one or more network policies. A processing decision is determined in a second processing decision path in parallel with the first processing path by accessing a table storing processing decisions. The second processing decision path can output a processing decision faster than the first processing decision path for packets that match one or more particular packet flow parameters contained in the table. A processing decision determined by the second processing decision path if one can be made is used and otherwise a processing decision determined by the first processing decision path is used.

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

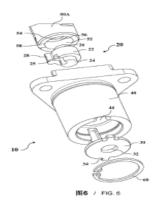
(22) Date of filing of Application :30/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ROTOR PUMP AND ROTARY MACHINERY COMPRISING SAME

(51) International classification	:F04C15/00	(71)Name of Applicant:
(31) Priority Document No	:201210106598.3	1)EMERSON CLIMATE TECHNOLOGIES (SUZHOU)
(32) Priority Date	:12/04/2012	CO. LTD.
(33) Name of priority country	:China	Address of Applicant :No. 69 Suhongxi Street Suzhou
(86) International Application No	:PCT/CN2013/073918	Industrial Park Jiangsu 215021 China
Filing Date	:09/04/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/152706	1)SUN Qingfeng
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a rotor pump (10) comprising: a pump body (50A) capable of being rotatably driven and forming an accommodation cavity (52) therein; a pump wheel (20 20A) having a main body part (22) capable of rotating in the accommodation cavity and a first shaft part (24) axially extending from the main body part; and a sealing plate (30) comprising an eccentric hole (32) being eccentric relative to the rotation axis of the pump body; the first shaft part is rotatably fitted in the eccentric hole; a suction channel (25) is formed on one side of the pump wheel and a discharge channel is formed on the other side of the pump wheel; the suction channel and the discharge channel are respectively in fluid communication with a compression cavity formed between the outer circumference of the pump wheel and the inner circumference of the accommodation cavity. The present invention also relates to a rotary machinery comprising the rotor pump. The rotor pump of the present invention has a simple structure fewer components and low cost.



No. of Pages: 37 No. of Claims: 30

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: A COMPOUND OF FORMULA (II), A METHOD OF MAKING THE SAME AND A METHOD OF MAKING MOXIFLOXACIN USING THE SAME

(51) International classification (71)Name of Applicant: :A61K31/00 (31) Priority Document No :1879/MUM/2006 (32) Priority Date :13/11/2006 (33) Name of priority country :India (86) International Application No :PCT/GB2007/004320 (72)Name of Inventor: Filing Date :13/11/2007 (87) International Publication No :WO/2008/059223 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :1012/MUMNP/2009

:25/05/2009

1)CIPLA LIMITED

Address of Applicant :289 Bellasis Road, Mumbai Central, Mumbai-400008 MAHARSHTRA, INDIA Maharashtra India

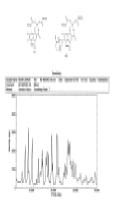
1)RAO, Dharmaraj, Ramachandra 2)KANKAN, Rajendra, Narayanrao 3) PATHI, Srinivas Laxminarayan 4)PUPPALA, Ravikumar 5)GANGRADE, Manish

6)KANATHALA, Shashirekha

#### (57) Abstract:

Filed on

The present invention discloses a compound having the formula (II): The present invention also discloses a method of preparing a compound of formula (II) comprising condensing a compound of formula (I) with (S,S)-2,8-Diazabicyclo [4.3.0] nonane in an organic solvent to obtain the compound of formula (II). The present invention further discloses a method of preparing moxifloxacin base comprising: hydrolysing a compound of formula (H) to get moxifloxacin base.



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

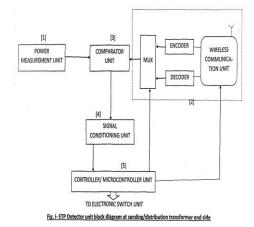
(22) Date of filing of Application :01/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: ELECTRICITY THEFT PROTECTOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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)PANDEY PRANAV Address of Applicant:01, KISAN BHOIR CHAWL, RAMBAUG (04), KALYAN (W), DISTRICT: THANE 421301 Maharashtra India 2)DUBEY SHANTANU (72)Name of Inventor: 1)PANDEY PRANAV
Filing Date	:NA	1)PANDEY PRANAV 2)DUBEY SHANTANU
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

In the presented invention, an attempt is made to resolve the problem of electricity theft, which is quite prominent in countries like India. The focus is given on an ideology which encourages people to consume electricity by legal means. The losses in distribution system possess a serious problem, while considering the total revenue collection from the consumers. Total distribution losses are equal to technical and nontechnical losses. Technical losses are inherited from the very nature of the components involved in the system or by the network operation itself, whereas electricity theft, metering faults etc. are major components of non-technical losses. Here, a technique is invented which deals with the reduction of electricity theft, by providing the theft center with a supply which causes malfunctioning their load without affecting the supply at the legal consumer end. This is achieved with the help of voltage patterns, which will be injected in the distribution line and removed at the consumer end so that the consumer doesnt get affected. Communication modules and microcontrollers are also used for this purpose.



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

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: EXPORTING REAL TIME NETWORK TRAFFIC LATENCY AND BUFFER OCCUPANCY

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51/702320 :18/09/2012 :U.S.A. :PCT/US2013/05918 :11/09/2013 :WO 2014/046932 :NA :NA :NA	(71)Name of Applicant: 1)CISCO TECHNOLOGY INC. Address of Applicant:170 West Tasman Drive San Jose CA 95134 1706 U.S.A. (72)Name of Inventor: 1)EDSALL Thomas J. 2)YANG Yue J. 3)HUANG Wei jen 4)HUANG Chih tsung
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#### (57) Abstract:

Techniques are presented herein to facilitate the monitoring of occupancy of a buffer in a network device. Packets are received at a network device. Information is captured describing occupancy of the buffer caused by packet flow through the buffer in the network device. Analytics packets are generated containing the information. The analytics packets from the network device for retrieval of the information contained therein for analysis replay of buffer occupancy etc.

No. of Pages: 22 No. of Claims: 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2050/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: COLLATION SHRINK FILMS

(51) International :B65B21/24,B65B53/06,B65B11/00

classification

(31) Priority Document No :12164653.3 (32) Priority Date :18/04/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/058021

:17/04/2013 Filing Date

(87) International Publication :WO 2013/156533

(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)BOREALIS AG

Address of Applicant :IZD Tower Wagramerstrasse 17 19 A

1220 Vienna Austria Austria (72) Name of Inventor: 1)NIEDERSUESS Peter

2)AARNIO Minna 3)CAVACAS Paulo

A process for collation shrink wrapping an object which comprises a plurality of individual product containers preferably substantially identical product containers, comprising: (i) obtaining a collation shrink film comprising a multimodal linear low density polyethylene (LLDPE) said film being a stretched film which is uniaxially oriented in the machine direct ion (MD) in a draw ratio of at least 1:3; (ii) wrapping said object in said film; (iii) heating said object wrapped in the film in order to collation shrink said film around said object.

No. of Pages: 33 No. of Claims: 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2051/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/10/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: COLLATION SHRINK FILMS

(51) International :B65B21/24,B65B11/58,B65B53/02

classification

(31) Priority Document No :12164652.5

(32) Priority Date

:18/04/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/058020

:17/04/2013 Filing Date

(87) International Publication :WO 2013/156532

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)BOREALIS AG

Address of Applicant :IZD Tower Wagramerstrasse 17 19 A

1220 Vienna Austria Austria

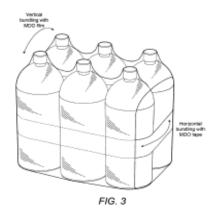
(72) Name of Inventor:

1)NIEDERSUESS Peter

2)AARNIO Minna

# (57) Abstract:

A process for collation shrink wrapping an object which comprises a plurality of individual containers preferably a plurality of substantially identical containers comprising: (i) obtaining a binding tape which is a film uniaxially oriented in the machine direction (MD) and wrapping said tape around said object; (ii) sealing the ends of the now wrapped binding tape (i.e. to form a loop); (iii) obtaining a collation shrink film comprising a multimodal linear low density polyethylene (LLDPE) said film being a stretched film which is uniaxially oriented in the machine direction (MD) in a draw ratio of at least 1:3; (iv) wrapping said collation shrink film around said object of step (ii); (v) heating said wrapped object of step (iv) such that the tape shrinks in its machine direction and the collation shrink film shrinks in its machine direction.



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

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ANTI-SKID DEVICE FOR MEDICAL EQUIPMENTS

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:A61B19/04 :NA :NA	(71)Name of Applicant:  1)Shivani Scientific Industries Private Limited Address of Applicant: 26 A, Raju Industrial Estate, Penkar
(33) Name of priority country (86) International Application No	:NA :NA	Pada Road, Near Dahisar Checknaka, Mira, Mumbai 401104, Maharashtra, India Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MODI, Ashish
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)KALE, Ravikant
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Disclosed is a method and apparatus for controlling mobility of a trolley. The apparatus may be attached to the trolley at the bottom. The apparatus may comprise an anti-skid surface and a controlling means to control the movement of the anti-skid surface. The anti-skid surface may be enabled to move vertically downward and upward, via the controlling means, thereby arresting mobility of the trolley. The downward movement of the anti-skid surface may facilitate contact between the anti-skid surface and floor thereby arresting the mobility, whereas the upward movement of the anti-skid surface may restore the mobility by disconnecting the contact between the anti-skid surface and the floor.

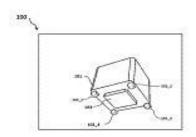


Figure 1

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

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A SYSTEM AND METHOD FOR IMPROVING EFFICIENCY OF A REFRIGERANT BASED 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>	:F25B49/02 :61/691259 :20/08/2012 :U.S.A. :PCT/IB2013/056197 :29/07/2013 :WO 2014/030083 :NA :NA	(71)Name of Applicant:  1)AGILE 8 CONSULTING LIMITED  Address of Applicant: Suite 7B 7/F 235 Wing Lok Street Sheung Wan Hong Kong China (72)Name of Inventor:  1)MOORE Kevin Daniel Martin
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided are a refrigerant based system (36) and a method for improving efficiency of the refrigerant based system (36). The refrigerant based system (36) comprises a heat exchanger (30) a heat exchanger temperature sensor (34) at least one compressor (20) a microprocessor (52) for controlling the compressor (20) a medium temperature sensor (32) and a computer readable storage medium (50) encoded with computer readable instructions for causing the microprocessor (52) to execute the operation steps. The compressor (20) will be turned off in a controlling step if the following conditions are satisfied: 1) the temperature of the medium has reached a first predetermined value; 2) the temperature of the heat exchanger (30) has reached a value below a compressor control temperature; 3) the compressor (20) has operated for a predetermined period of operation time; and 4) the minimum heat exchanger temperature has been found. The refrigerant based system (36) has the advantage of saving running cost.

No. of Pages: 29 No. of Claims: 23

(22) Date of filing of Application :27/01/2014

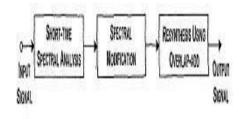
(43) Publication Date: 11/09/2015

# (54) Title of the invention : DYNAMIC RANGE COMPRESSION WITH LOW DISTORTION FOR USE IN HEARING AIDS AND AUDIO SYSTEMS.

:H04R25/00, G10H1/12, H04R3/00	(71)Name of Applicant:  1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant :INDIAN INSTITUTE OF
:NA	TECHNOLOGY BOMBAY, POWAI, MUMBAI - 400076
:NA	Maharashtra India
:NA	(72)Name of Inventor:
:NA	1)PREM C. PANDEY
:NA	2)NITYA TIWARI
: NA	
:NA	
:NA	
:NA	
:NA	
	G10H1/12, H04R3/00 :NA :NA :NA :NA :NA :NA :NA :NA

### (57) Abstract:

Dynamic range compression in the hearing aids is provided for restoring normal loudness of low level sounds without making the high level sounds uncomfortably loud. An apparatus along with a method using sliding-band compression is disclosed for significantly reducing the temporal and spectral distortions generally associated with the currently used single and multiband compression techniques. It uses a frequency-dependent gain function calculated on the basis of auditory critical bandwidth based short-time power spectrum and the specified hearing thresholds, compression ratios, and attack and release times. It is realized using FFT-based analysis-synthesis and can be integrated with other FFT-based signal processing in hearing aids and audio systems.





No. of Pages: 30 No. of Claims: 18

(22) Date of filing of Application :02/04/2013

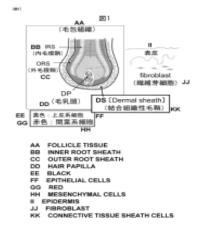
(43) Publication Date: 11/09/2015

# (54) Title of the invention : COMPOSITION FOR REGENERATING FOLLICLE WHICH CONTAINS CD36 EXPRESSING CONNECTIVE TISSUE SHEATH CELLS

(51) International (71)Name of Applicant: :A61K35/36,A01K67/027,A61P17/14 classification 1)SHISEIDO COMPANY LTD. (31) Priority Document No :NA Address of Applicant: 5 5 Ginza 7 chome Chuo ku Tokyo (32) Priority Date 1048010 Japan Japan :NA (33) Name of priority (72) Name of Inventor: :NA 1)YOSHIDA Yuzo country (86) International 2)SOMA Tsutomu :PCT/JP2010/066999 Application No 3)FUJIWARA Shigeyoshi :29/09/2010 Filing Date (87) International :WO 2012/042618 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

## (57) Abstract:

A composition for regenerating the follicle which contains CD36 expressing connective tissue sheath cells (DSc).



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

(22) Date of filing of Application :02/04/2013 (43) Publication Date: 11/09/2015

## (54) Title of the invention: MONO ENERGY AND/OR DUAL ENERGY ENGINE WITH COMPRESSED AIR AND/OR ADDITIONAL ENERGY COMPRISING AN ACTIVE CHAMBER INCLUDED IN THE CYLINDER

:F01B17/02,F02G1/02,F24J2/42 (71)Name of Applicant : (51) International classification

(31) Priority Document No :1058005 (32) Priority Date :04/10/2010 (33) Name of priority country :France

(86) International Application No :PCT/EP2011/067211

Filing Date :03/10/2011

(87) International Publication No: WO 2012/045693

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)MOTOR DEVELOPMENT INTERNATIONAL S.A.

Address of Applicant: 17 rue des Bains L 1212 Luxembourg

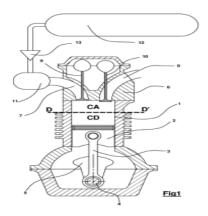
Luxembourg Luxembourg (72) Name of Inventor:

1)NEGRE Guy

2)NEGRE Cyril

### (57) Abstract:

The invention relates to an engine with an active chamber comprising at least one piston (2) mounted in a cylinder (1) in a sliding manner and driving a crankshaft (5) by means of a slider crank device (3 4) and operating according to a four phase thermodynamic cycle comprising: an isothermal expansion without work; a transfer slight so called quasi isothermal expansion with work; a polytropic expansion with work; and an exhaust at ambient pressure preferentially supplied by compressed air contained in a high pressure storage tank (12) through a buffer capacity called a working capacity (11) which is expanded at an average pressure called a working pressure in a working capacity (11) preferentially through a dynamic pressure reducing device (13) characterised in that the active chamber (CA) is included in the engine cylinder the cylinder volume (1) being swept by the piston and divided into two separate parts a first part forming the active chamber (CA) and a second part forming the expansion chamber (CD).



No. of Pages: 32 No. of Claims: 11

(22) Date of filing of Application :24/12/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: METHOD DEVICE AND CAPSULE FOR BREWING A BEVERAGE

(51) International :A47J31/06,B65D85/804,A47J31/44 classification

(31) Priority Document No :12175405.5 (32) Priority Date :06/07/2012

(33) Name of priority country: EPO

(86) International Application: PCT/EP2013/063947

:02/07/2013

Filing Date

(87) International Publication :WO 2014/006051 No

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

:NA Filing Date

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

1)UNILEVER PLC

(71) Name of Applicant:

Address of Applicant :41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72)Name of Inventor:

1)CROSS David Murray

2)PATON Michael

3)POPA Cristian Simion

4)SMITH Alistair David

5)TOON Daniel Thomas

6)WILBY Terence John

#### (57) Abstract:

A method of preparing a tea beverage in a brewing device is provided the device comprising an infusion chamber with a bottom rim which defines an opening; a capsule holder for receiving a capsule the capsule holder comprising a filter and an openable and closable passage; the method comprising: inserting a capsule into the capsule holder; connecting the capsule holder to the infusion chamber; introducing liquid into the capsule so that the liquid and tea material mix and flow into the infusion chamber and brew the beverage; and then opening the passage to allow the beverage to flow from the infusion chamber through the filter and out through the passage. A capsule containing tea material for use in the method is also provided the capsule comprising a body part which is a single impermeable piece which defines a cavity with a volume of from 10 to 24cm.



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

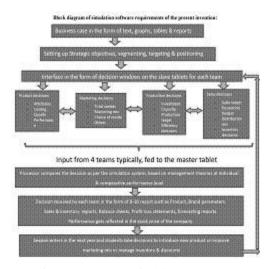
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : SIMULATION TOOL KIT WITH TABLET DEVICE FOR TEACHING AND TRAINING BUSINESS MANAGEMENT

(51) International classification	:G09B5/14, G09B7/04, G09B5/06	(71)Name of Applicant:  1)GROVER SURBHI  Address of Applicant (501, MIRARH IS, NAMAR AMPLE)
(31) Priority Document No	:NA	Address of Applicant :501, MIRABILIS, NAHAR AMRIT SHAKTI, CHANDIVALI, POWAI, MUMBAI Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)GROVER SURBHI
(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:

SIMULATION TOOL KIT WITH TABLET DEVICE FOR TEACHING AND TRAINING BUSINESS MANAGEMENT The present invention consists of an innovative simulation kit consisting of a tablet like user input device and a computer based simulation system, which replicates a real business environment, where each student virtually runs a company and makes decisions for its management and competes with other companies being run by other students. The instructor helps the students to take decisions and uses theoretical concepts of management in parallel for better assimilation. The complete system is modular in nature thereby giving flexibility of its use for undergraduate, post graduate, low level managers and top management



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

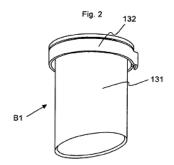
(22) Date of filing of Application :03/02/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CONTAINER FOR DIALYSIS.

(51) International classification	:A61J 1/20, A61J 1/10	(71)Name of Applicant: 1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH
(31) Priority Document No	:1157309	Address of Applicant :ELSE-KRONER-STRASSE 1 61352
(32) Priority Date	:11/08/2011	BAD HOMBURG, GERMANY. Germany
(33) Name of priority country	:France	(72)Name of Inventor:
(86) International Application No	:PCT/EP2012/065481	1)EYRARD, THIERRY
Filing Date	:07/08/2012	2)FAYE, BRUNO
(87) International Publication No	:WO 2013/020989	3)LAFFAY, PHILIPPE
(61) Patent of Addition to Application	:NA	4)LUAIRE, BENOIT
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The invention relates to a container containing a concentrate for dialysis, which container comprises: a pouch or a cartridge containing a solid concentrate of constituents of the composition of the dialysis solution, the pouch or the cartridge being closed by a connector provided with a filling channel extending completely through the connector, intended for filling the pouch or the cartridge with the solid concentrate, means for introducing a solution-forming liquid into the pocket or the cartridge and for extracting the solution obtained from the pouch or the cartridge, these introduction and extraction means being provided with at least one connecting portion for connecting them to a corresponding port of the dialysis machine. The container of the invention is characterized in that the filling channel is closed by a stopper equipped with a reservoir containing a second constituent or group of constituents of the composition of the dialysis solution, and means (131) for producing an outlet opening in the reservoir contacting the inside of the reservoir with the side of the stopper located in the container.



No. of Pages: 41 No. of Claims: 22

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A MODIFIER FOR A COATING COMPOSITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C09D7/00, C08G18/30, C08G18/71, C08G1 :NA :NA :NA :NA :NA :NA :NA	· ·
Filing Date	:NA	

# (57) Abstract:

The present invention is directed to a modifier for improving the surface properties of a coating composition. The said modifier comprises of an inorganic nanoparticle having atleast one hydroxyl functional group covalently bonded to a crosslinking agent, the crosslinking agent having a general formula (1): Z[R2XR1S1(R)3]2 (I). The said crosslinking agent is further crosslinked with a polydialkylsiloxane diol.

No. of Pages: 32 No. of Claims: 10

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: HIGH TORQUE RESISTANT LOCKING SYSTEM.

	·F16B30/30	(71)Name of Applicant:
(51) International classification	F16B31/02,	1)FINOLEX INDUSTRIES LIMITED
	F16B33/04	Address of Applicant :BLOCK D-1 PLOT NO10, M.I.D.C,
(31) Priority Document No	:NA	CHINCHWAD, PUNE- 411 019 MAHARASHTRA, INDIA
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SONAWANE ARUN HARISCHANDRA
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 coupling for connecting tubular elements configuring a fluid flow conduit for transporting pressurized fluid includes a coupling element and at least a pair of pre-formed insert element. The opposite ends of the coupling element receive and threadably engage with a first tubular element and a second tubular element respectively for configuring connection there-between. The coupling element is having holes configured thereon and the tubular elements are having complimentary recesses configured thereon, wherein at least one hole configured on the coupling element registers with at least one complimentary recess configured on a corresponding tubular element for configuring a passageway extending through the coupling element and at least partially extending through the corresponding tubular element. Each of the pre-formed insert elements is press-fitted in a corresponding passageway for configuring interference fit between pre-formed insert element and the passageway for reinforcing connection between the coupling element and the corresponding tubular element.



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

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: PACKAGE RECOGNITION SYSTEM

(51) International classification :A47J31/06,A47J31/44,B65D85/804

(31) Priority Document No :12175405.5 (32) Priority Date :06/07/2012

(33) Name of priority country: EPO

(86) International Application:PCT/EP2013/063942

No :02/07/2013

Filing Date .02/07/2013

(87) International Publication :WO 2014/006048

(61) Patent of Addition to

Application Number
Filing Date
:NA
:NA

(62) Divisional to Application Number :NA :NA

Filing Date

(71)Name of Applicant : 1)UNILEVER PLC

Address of Applicant :a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72)Name of Inventor:

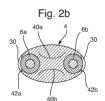
1)CROSS David Murray

2)PATON Michael

3)TOON Daniel Thomas

#### (57) Abstract:

The invention provides a beverage production machine having an apparatus for recognising a package. The apparatus comprises two resonant tank circuits each comprising a coil and a capacitor; two electronic circuits for detecting changes in coil impedance; a means for generating a signal which is indicative of the changes; and means for controlling the beverage production machine according to the signal. The machine also comprises a holder for supporting the package. The package for use in the machine comprises a base unit having a compartment which contains tea material and a rim with a projecting lip; conductive material associated with the package having two edge sections situated on opposite sides of the compartment; and a lid attached to the base unit around the rim the central portion of the lid comprising at least one perforated line. The invention also provides a method of recognising the package.



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

(22) Date of filing of Application :27/01/2014

(43) Publication Date: 11/09/2015

# $(54) \ Title \ of the invention: SUBSTITUTED \ (3E)-3-METHYL-N-(5-PHENYL-1,3,4-THIADIAZOL-2-YL)-4-(PYRIDIN-2-YL)BUT-3-ENAMIDE \ AS FACTOR IXA INHIBITORS$

(51) International classification	:C07D401/12, C07D417/12, A01N43/71	(71)Name of Applicant: 1)CHOUDHARI PRAFULLA BALKRISHNA Address of Applicant:27 SANMITRA KARANJKAR
(31) Priority Document No	:NA	NAGAR VILASPUR SATARA, MAHARASHTRA. Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)CHOUDHARI PRAFULLA BALKRISHNA
Filing Date	:NA	2)BHATIA MANISH SUDESH
(87) International Publication No	: NA	3)BHATIA NEELA MANISH
(61) Patent of Addition to Application Number	:NA	4)JADHAV SWAPNIL DASHRATH
Filing Date	:NA	5)BHAVALE RAKESH RANDIT
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract:

The present invention deals with substituted 3-(pyridin-2-ylimino) butanamide compounds as factor IXa inhibitors that can be useful for treating and preventing thrombosis and thrombosis-related disorders, such as unstable angina, acute myocardial infarction, myocardial ischemia reperfusion injury, venous thrombosis, sepsis, glomerulonephritis and cerebrovascular disorder.

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

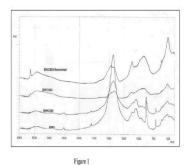
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

# $(54) \ Title \ of the invention: SINGLE-POT \ SYNTHESIS \ OF \ DIALKYL \ CARBONATES \ USING \ CATALYST \ FROM \ NATURAL \ RESOURCE$

(51) International classification	:C10L1/185	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Indian Oil Corporation Limited
(32) Priority Date	:NA	Address of Applicant :G-9, Ali Yavar Jung Road, Bandra
(33) Name of priority country	:NA	(East), Mumbai-400 051, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LOPINTI, Krishnarao
(87) International Publication No	: NA	2)SHARMA, Meeta
(61) Patent of Addition to Application Number	:NA	3)TIWARI, Ashok Kumar
Filing Date	:NA	4)ARORA, Ajay Kumar
(62) Divisional to Application Number	:NA	5)PURI, Suresh Kumar
Filing Date	:NA	6)GUPTA, Anurag Ateet

#### (57) Abstract:

The present invention relates to a single-pot method for preparing dialkyl carbonates, the method comprises reaction of alkylene oxide with aliphatic or cyclic aliphatic alcohol, using wood ash catalyst, under CO2 pressure and heating the reaction mixture thereof to obtain dialkyl carbonates.



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

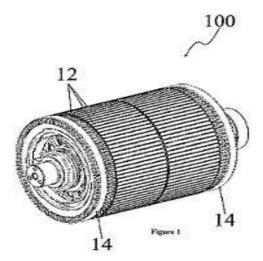
(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: A IMPROVED SQUIRREL CAGE ROTOR AND INDUCTION MOTOR, 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>	: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. Maharashtra India (72)Name of Inventor: 1)CHOUDHURY CHHAVI 2)PANGAL SARVESH
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

An improved squirrel cage rotor and motor, thereof, comprising a rotor core having a plurality of laminations press formed together and mounted on a shaft with end plates pressed against ends of said rotor core, each of said end plates comprising a plurality of spaced apart outwardly directed teeth at the outer circumference thereof and wherein said rotor further comprising a plurality of longitudinal conductor slots extending axially along the inner circumference of said rotor core in radially spaced apart relationship with one another and a plurality of rotor conductor bars extending through said longitudinal conductor slots in said rotor core, said rotor conductor bars protruding out from the ends of said rotor core and wherein said rotor further comprising at least a short circuit outer ring and at least a short circuit inner ring, each ring being disposed at each end of said rotor core, said rings being engaged to respective protruding ends of said rotor conductor bars and short circuited to respective protruding ends of said rotor conductor bars, characterised in that: said end plate being a chamfered end plate; said outer short circuit ring being a chamfered outer short circuit ring; said bars being machined on its outer and inner side; and a groove is provided between said chamfered outer ring and said inner short circuit ring, said groove being filled with molten metal.



No. of Pages: 30 No. of Claims: 24

(22) Date of filing of Application :02/03/2015

(43) Publication Date: 11/09/2015

# (54) Title of the invention : AUTOMATIC VARIABLE CREASING METHOD AND DEVICE USING DIGITAL CREASING MACHINE

(51) International classification (31) Priority Document No	:B42C13/00 :201310130637.8	(71)Name of Applicant: 1)GUANGZHOU DUMOR AUTOMATION SYSTEM CO.
(32) Priority Date	:15/04/2013	LTD.
(33) Name of priority country	:China	Address of Applicant :Room 603 B1 Chuangyi Mansion
(86) International Application No	:PCT/CN2014/070192	No.162 Kexue Avenue Science City Guangzhou Guangdong
Filing Date	:07/01/2014	510633 China
(87) International Publication No	:WO 2014/169714	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ZHANG Shumin
Number	:NA	2)XU Liang
Filing Date	.INA	3)HOU Shaosong
(62) Divisional to Application Number	:NA	4)TANG Changcheng
Filing Date	:NA	

#### (57) Abstract:

Provided are an automatic variable creasing method and device using a digital creasing machine the method comprising: determining a zero point position C0 an initial position C1 and a variable parameter X; transferring the i th sheet of paper into the creasing area of the creasing machine calculating the creasing position P of the sheet of paper according to the zero point position C0 the initial position C1 the variable parameter X and i and creasing the sheet of paper at the creasing position P. The device comprising: acquiring a parameter module a detection module a transferring module a creasing module and a processing control module. The device is designed to implement the automatic variable creasing method and realize automatic variable creasing thus improving variable creasing efficiency and accuracy and facilitating the bookbinding and page turning of a thick book. The device and method can be used for the page imprinting operation.

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

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

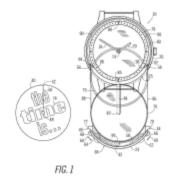
(43) Publication Date: 11/09/2015

## (54) Title of the invention: APPARATUS FOR HOROLOGE WITH REMOVABLE AND INTERCHANGEABLE FACE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:28/05/2013 :WO 2013/177597 :NA :NA	(71)Name of Applicant:  1)JACOBI James J. Jr.  Address of Applicant: 1962 North Loop Parkway St.  Augustine FL 32095 4826 U.S.A. U.S.A.  (72)Name of Inventor:  1)JACOBI James J. Jr.
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention discloses a horologe such as a watch or clock in which a removable and interchangeable face can be removed from the horologe and easily replaced with another face without disconnecting components of the horologe or interfering with the horologe measuring time. In one embodiment the horologe comprises a horological movement; a housing having a rim and a mount plate a removable face for insertion into a faceplate compartment and an inner transparent cover. A portion of the rim may be extendable away from the housing to reveal an opening to receive a removable face. In one embodiment the horologe may comprise an extendable drawer which is adapted for insertion into and selectably extendable from the faceplate compartment. In one embodiment the horologe may comprise an outer bezel which has open and closed positions for revealing and covering the opening of the faceplate compartment.



No. of Pages: 51 No. of Claims: 19

(22) Date of filing of Application :05/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention : MAGNETIC SORTING APPARATUS MAGNETIC SORTING METHOD AND METHOD FOR MANUFACTURING IRON SOURCE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:2012229214 :16/10/2012 :Japan	(71)Name of Applicant:  1)JFE STEEL CORPORATION  Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor:  1)ISHIDA Kyohei  2)NISHINA Yoshiaki 3)ENOEDA Seiji  4)IMANISHI Daisuke
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Provided are a magnetic sorting apparatus and a magnetic sorting method for efficiently separating ferromagnetic particles from a powder particle material containing the ferromagnetic particles and performing magnetic sorting at low cost without requiring complex steps wastewater treatment or the like. This magnetic sorting apparatus has: a conveyor belt for transporting a powder particle material containing ferromagnetic particles; a rotatable hollow belt guide roll wrapped in the conveyor belt around a portion of the outer periphery thereof; and a magnetic field application means positioned on the inner side of the belt guide roll the magnetic field application means having a plurality of magnets on the inner side of the belt guide roll and the ferromagnetic particles being separated in the magnetic field generated by the magnetic field application means. The magnets are arranged so that the magnetic poles adjoining in the peripheral direction of the belt guide roll have differing magnetism and so that the magnetic poles adjoining in the width direction of the belt guide roll have the same polarity.

No. of Pages: 97 No. of Claims: 23

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 11/09/2015

# (54) Title of the invention: POLYSILOXANE SCRUBBING LIQUID FOR REMOVING TAR LIKE 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> </ul>	:2009310 :10/08/2012 :Netherlands :PCT/NL2013/050590 :09/08/2013 :WO 2014/051419	(71)Name of Applicant: 1)STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND Address of Applicant: Westerduinweg 3 NL 1755 LE Petten Netherlands (72)Name of Inventor: 1)VREUGDENHIL Berend Joost 2)BOS Alexander
<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	2)BOS Alexander 3)BLEIJENDAAL Lucas Pancratius Johannes

## (57) Abstract:

Tar like components can be removed from gas streams resulting from gasification of coal waste or biomass by contacting the gas with a liquid organic aryl polysiloxane. The polysiloxane preferably contains alkyl groups and aryl groups and is in particular a polymethyl polyphenyl polysiloxane. The gas comprises one or more of hydrogen carbon monoxide carbon dioxide and methane.

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

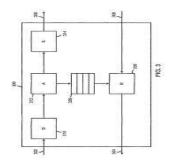
(22) Date of filing of Application :03/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: NETWORK ON A CHIP SOCKET PROTOCOL

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:13/626758	1)QUALCOMM TECHNOLOGIES INC.
(32) Priority Date	:25/09/2012	Address of Applicant :5775 Morehouse Drive San Diego CA
(33) Name of priority country	:U.S.A.	92121 U.S.A.
(86) International Application No	:PCT/US2013/061295	(72)Name of Inventor:
Filing Date	:24/09/2013	1)BOUCARD Philippe
(87) International Publication No	:WO 2014/052261	2)LECLER Jean Jacques
(61) Patent of Addition to Application	:NA	3)BOUTILLIER Boris
Number	:NA	
Filing Date	.TVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The invention is a transaction interface protocol wherein the interface protocol has a transaction identifier signal in each of the request and response channels. It is used between a target network interface unit (NIU) master and an initiator NIU slave that are directly connected through a transaction interface. The target NIU response channel uses the transaction ID signal to identify the entry in a context array associated with the corresponding request. The coupling of target NIU and initiator NIU enable the formation of an on chip interconnect comprising multiple network on chip (NoCs) wherein the topology of the interconnect is simpler smaller faster and has lower latency.



No. of Pages: 33 No. of Claims: 40

(22) Date of filing of Application :29/01/2014

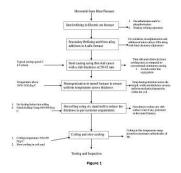
(43) Publication Date: 11/09/2015

# (54) Title of the invention: LOW CARBON COIL BREAK FREE HOT ROLLED STEEL SHEETS AND A PROCEES FOR ITS PRODUCTION.

	:C21D9/46,	(71)Name of Applicant :
(51) International classification	C22C38/00,	1)JSW STEEL LIMITED
	C21D8/02	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 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)PANDEY, Arun Kumar A
(62) Divisional to Application Number	:NA	4)SINGHAI, Mrigandra
Filing Date	:NA	5)SAM, Srimanta

#### (57) Abstract:

ABSTRACT TITLE: LOW CARBON COIL BREAK FREE HOT ROLLED STEEL SHEETS AND A PROCEES FOR ITS PRODUCTION. The present invention relates to providing low carbon coil break free hot rolled (HR) steel sheet in the thickness range of 1.5-8.0 mm with minimum yield point phenomenon and a process for its production through thin slab caster route followed by controlled hot rolling, having composition comprising C: 0.04-0.08wt%; Mn: up to 0.4wt%; Si: up to 0.03 wt%; Al < 0.05wt%; Nb: 0.002-0.01wt%; N: < 120 ppm; Ca: 0-50 ppm; and balance is iron with S & P in amounts of allowable impurities alongwith selective alloying element Nb: 0.002-0.01wt% for fixing free N and C. Typical applications of the invented steel grade include direct sheet application in automotive and other general engineering application including machinery, white good application, BIW application etc.



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

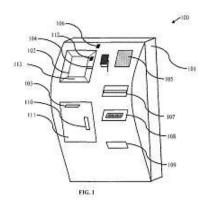
(22) Date of filing of Application :29/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: MULTIPURPOSE BANKING KIOSK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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	(71)Name of Applicant: 1)FORBES TECHNOSYS LIMITED. Address of Applicant: PLOT NO C-17/18, ROAD NO 16, WAGLE INDUSTRIAL ESTATE, THANE (W) - 400604 Maharashtra India (72)Name of Inventor: 1)AJAY SINGH 2)FFROZE KATILA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)FEROZE KATILA
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The present invention provides a single self-service kiosk for all the basic banking services resulting in flexibility of services to customers. The present invention also facilitates non-banking services like Mobile/DTH recharge, ticketing. Bill Payments through the said kiosk. The present kiosk facilitates flexibility of timings and no. of working days unlike bank branches restricted working hours and no. of days. The said banking kiosk doesnt require air conditioned chamber unlike conventional ATMs, resulting in high reduction of operational cost. The present invention enhances cost effectiveness for banks by facilitating single kiosk for Cheque deposit Services, for Passbook Printing Services, for Cash Deposit services, etc. The said kiosk integrates a plurality of banking system in backend. The said Kiosk is also capable of working on Solar Power, thus enabling its usage where power shortage is prevalent. This kiosk is also enabled with Braille Pin pads and Audio instructions for disabled people.



No. of Pages: 25 No. of Claims: 6

(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: MULTI FUNCTION FOOT SWITCH CONTROLLER

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)Shivani Scientific Industries Private Limited
(32) Priority Date	:NA	Address of Applicant :26 A, Raju Industrial Estate, Penkar
(33) Name of priority country	:NA	Pada Road, Near Dahisar Checknaka, Mira, Mumbai 401104,
(86) International Application No	:NA	Maharashtra, India Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MODI, Ashish
(61) Patent of Addition to Application Number	:NA	2)KALE, Ravikant
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Disclosed is a foot switch to be used in medical equipment for controlling various medical operations. The foot switch may comprise a foot pedal, a pressure sensor, a tilt sensor and a control unit. The pressure sensor may be adapted to sense a pressure applied on the foot pedal. The tilt sensor may be adapted to sense tilting of the foot pedal. The control unit may be configured to receive a first control signal and a second control signal from the pressure sensor and the tilt sensor respectively. The control unit may further be configured to perform a first function and a second function based upon the receipt of the first control signal and the second control respectively. The first function and the second function may be associated with controlling parameters associated with the medical equipment, thereby facilitating to control the medical operations.

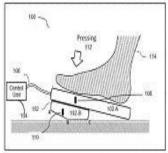


Figure 1

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

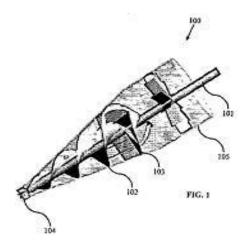
(22) Date of filing of Application :29/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CENTRIFUGAL MACHINE WITH INTEGRAL DIFFUSER AND HEAT REJECTION 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>	:F25B1/04, F25B31/00, F25B43/02, F04D2 :NA :NA :NA :NA :NA :NA	
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------	--

## (57) Abstract:

The present invention discloses a centrifugal compressor with integral diffuser section and an enhanced heat rejection mechanism. The integral diffuser section of the compressor comprises a shaft, a primary blade, a secondary blade and an outlet blade section. The shaft is connected with the primary blades traversed at its body surface. The primary blade imparts energy to working fluid. A casing is provided over the shaft, the primary blades and the secondary blades, and is integral with blades. The integral casing results in reducing slip to a substantial extent. The heat rejection mechanism comprises a plurality of fins provided on the casing to enhance heat transfer. The plurality of fins ensures that the temperature of the working fluid is reduced as it travels further along the shaft. The outlet blade section is provided at an end of the shaft aligned with the primary and secondary blade.



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

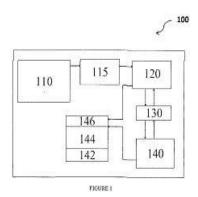
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A COMPUTER IMPLEMENTED SYUSTEM AND METHOD FOR THE DETECTION OF PREGNANCY AND RELATED ISSUES

(51) International classification	:G06Q50/00, A61B5/00, A61B5/0402, A61B	(71)Name of Applicant:  1)PATHAK SHANTANU JAYANTRAO  Address of Applicant: C/O DILIP DONGARE, A-12, KAMADHENU RIDDHI, LANE NO.04, MAHATMA
(31) Priority Document No	:NA	SOCIETY, KOTHRUD, PUNE-411 038, MAHARASHTRA,
(32) Priority Date	:NA	INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PATHAK SHANTANU JAYANTRAO
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present disclosure discloses a computer implemented system for detection of pregnancy and related issues for a patient. The system includes a plurality of sensor device which are portable and therefore enables a medical practitioner or the patient herself to conduct a medical test related to pregnancy using the sensor device. Further the patient data sensed by the sensor device are transferred to a first user interface device accessing through a mobile application using connecting interface such as data cable or Bluetooth. The medical practitioner or the patient are further able to provide their user inputs related to the pregnancy into system. The patient data collected from the sensor devices and from the user input is further relayed to a remotely located concerned medical practitioner via a network for further analysis.



No. of Pages: 47 No. of Claims: 27

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: A PROCESS FOR HALOGENATING AROMATIC COMPOUNDS.

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)GHARDA CHEMICALS LTD.
(32) Priority Date	:NA	Address of Applicant :B-27/29, MIDC DOMBIVLI (EAST),
(33) Name of priority country	:NA	THANE - 421203, MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MATHUR SUCHET S.
(87) International Publication No	: NA	2)MALWANKAR JAGDISH R
(61) Patent of Addition to Application Number	:NA	3)MHATRE HRIDAYNATH V.
Filing Date	:NA	4)PEDHAVI VISHAL P.
(62) Divisional to Application Number	:NA	5)BHOI RAHUL T.
Filing Date	:NA	

## (57) Abstract:

The present disclosure relates to a process for preparing halogenated aromatic compounds. The process comprising mixing at least one alkali salt of a hydro-halo acid, at least one solvent, at least one phase transfer catalyst, at least one aromatic acid dihalide, component, and at least one nitro-aromatic compound to form a reaction mixture, and heating the reaction mixture in the temperature range of 40 °C to 250 °C for a time period ranging from 6 hours to 24 hours to obtain the halogenated aromatic compounds.

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

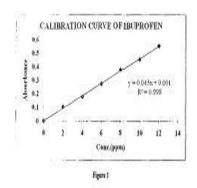
(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: IBUPROFEN NANOCRYSTALS

		(71)Name of Applicant :
(51) International classification	:A61K9/16	
(31) Priority Document No	:NA	Address of Applicant :C/O . ASHOK KUMAR ACHARY,
(32) Priority Date	:NA	FLAT NO.A-003, GROUND FLOOR, NEW RAJ CHS, RAJ
(33) Name of priority country	:NA	NAGAR, NEAR GHARTANPADA 2, DAHISAR EAST,
(86) International Application No	:NA	MUMBAI-400 068 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1) SANTOSH KUMAR GUNTAMUKKALA
(61) Patent of Addition to Application Number	:NA	2)PATTNAIK SATYANARAYAN
Filing Date	:NA	3)SWAIN KALPANA
(62) Divisional to Application Number	:NA	4)JUPALLY VENKATESHWAR RAO
Filing Date	:NA	5)KORADA BAIKUNTHA PRUSTY
		6)SUBUDHI SANJEEV KUMAR

## (57) Abstract:

The invention relates to nanocrystal of hydrophobic drugs with low solubility to enhance solubility thereby to improve the dissolution, absorption and bioavailability. The invention provides nanoscopic drug crystals of average particle size less than 1 mm in semi crystalline or partially amorphous or amorphous form, re-crystallized from drug solution in presence of stabilizer. The invention is further directed to cost effective process of preparing, processing parameters, physical characteristics, better dissolution, compositions and method of use of drug nanocrystals.



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

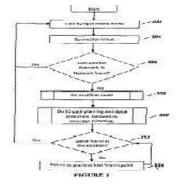
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR ROBUST COMMUNICATION LINK TO UASS

(51) International classification	:G06M5/00	(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 Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHARMA HRISHIKESH
(61) Patent of Addition to Application Number	:NA	2)SHAILENDRA SAMAR
Filing Date	:NA	3)BALAMURALIDHAR PURUSHOTTAMMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A computer implemented system for providing robust communication links to unmanned aerial vehicles is envisaged. It comprises a plurality of nodes which communicate with each other and with an unmanned aerial vehicle to allow exchange of data. A 3D signal coverage model is created which determines signal coverage provided by the plurality of nodes. A navigator present in the system navigates the unmanned aerial vehicle to follow a stored flight path based on this 3D model. Waypoints present in the path of the unmanned aerial vehicle are then identified and suitable waypoints are selected from where sensed pre-stored data is collected. A suitable node is then selected based on the stored 3D signal coverage model, location of the unmanned aerial vehicle and the nodes, and the signal strength of the nodes and the collected data is transmitted to the suitable node through the unmanned aerial vehicle to provide robust communication.



No. of Pages: 29 No. of Claims: 11

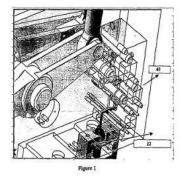
(22) Date of filing of Application :23/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A CIRCUIT BREAKER WITH SINGLE SHAFT MOUNTED BACKUP REALISATION AND ACTUATION TRIGGER

(51) International classification	F03G3/00, H02K7/00, H02K7/0	CG HOUSE, DR. ANNIE BESANT ROAD, WORLI, MUMBAI
(31) Priority Document No	:NA	- 400030, MAHARASHTRA, INDIA. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MEGHAVATH SHIVAKUMAR
(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 circuit breaker with single shaft mounted backup realisation and actuation trigger comprising: at least a comprising at least a first plunger adapted to be actuated upon receiving an actuation signal; at least a second actuation coil comprising at least a second plunger adapted to be actuated upon receiving an actuation signal; at least a shaft mounted first realisation trigger; at least a shaft mounted second realisation trigger; and at least a shaft mounted actuation trigger in order to engage said trip mechanism enabled either by said at least a first realisation trigger or by at least a second realisation trigger; characterised, in that, said shaft being a common shaft upon which said first realisation trigger, said second realisation trigger, and said actuation trigger are mounted, said shaft being an angularly displaceable shaft about its own longitudinal axis in order to provide angular displacement capability to each of said shaft mounted triggers.



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

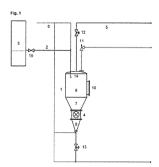
(22) Date of filing of Application :07/02/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: METHOD FOR RECOVERING POLYMER AND APPARATUS THEREFOR

:B01J8/18,B01J8/00,C08F10/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)BOREALIS AG :11009199.8 (32) Priority Date :21/11/2011 Address of Applicant :IZD Tower Wagramerstrasse 17 19 A (33) Name of priority country 1220 Wien Austria Austria :EPO (72) Name of Inventor: (86) International Application No :PCT/EP2012/004779 1)NYFORS Klaus Filing Date :16/11/2012 (87) International Publication No: WO 2013/075808 2),,,,RIL,, Jari (61) Patent of Addition to 3)H,,T-NEN Jari :NA **Application Number** 4)ANDTSJ-Henrik :NA Filing Date 5)JOHANSSON Eira (62) Divisional to Application 6)LYLYKANGAS Mikko :NA Number :NA Filing Date

#### (57) Abstract:

Process and apparatus for recovering polymer from a a gas phase reactor having a distribution plate via an outlet vessel comprising at least one apparatus for the breakup of polymeric agglomerates the apparatus further comprising a feed pipe connecting the gas phase reactor and the outlet vessel a return gas line connecting the gas phase reactor and the outlet vessel means for varying the flow rate through the return gas line from the outlet vessel to the gas phase reactor and means for varying the outlet rate of polymer product from the outlet vessel.



No. of Pages: 22 No. of Claims: 17

(22) Date of filing of Application :31/01/2014

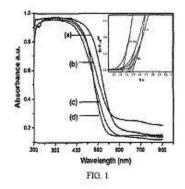
(43) Publication Date: 11/09/2015

# (54) Title of the invention: A PROCESS FOR PREPARING ZINC INDIUM SULFIDE NANOPARTICLES AND USES THEREOF

(51) International classification  (51) International classification  (51) International classification  (31) Priority Document No  (32) Priority Date  (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  (83) International Publication No  (84) International Publication No  (85) International Publication Number  Filing Date  (86) Divisional to Application Number  Filing Date  (87) International Publication Number  Filing Date  (88) International Publication Number  Filing Date  (89) International Publication Number  Filing Date  (80) International Publication Number  Filing Date  (81) International Publication Number  Filing Date  (81) International Publication Number  Filing Date  (82) International Publication Number  Filing Date  (83) International Publication Number  Filing Date  (84) International Publication Number  Filing Date  (85) International Publication Number  Filing Date  (86) International Publication Number  Filing Date  (87) International Publication Number  Filing Date  (87) International Publication Number  Filing Date	2, AND INFORMATION TECHNOLOGY (DEITY) MINISTRY
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#### (57) Abstract:

The present disclosure relates to a process for preparing zinc indium sulfide nanoparticles, said process comprising the steps of reacting Zn(N03)2.6H20, In(N03)3.5H20, thiourea and triethylamine for a time period ranging between 0.5 hour and 1.0 hours followed by treating hydrothermally at a temperature ranging between 100 °C and 200 °C for a time period ranging between 12 hours and 48 hours to obtain a precipitate followed by separating and iteratively washing the precipitate with a solvent to obtain zinc indium sulfide nanoparticles, wherein the concentration of the triethylamine ranges between 100 and 1000 ppm.



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

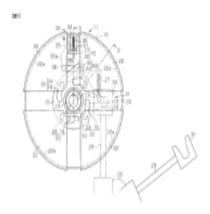
(22) Date of filing of Application :21/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: BEAD RING MANUFACTURING 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>	:NA :NA :NA :PCT/JP2012/060925	(71)Name of Applicant:  1)FUJI SEIKO CO. LTD.  Address of Applicant:60 Hirakata 13 chome Fukuju cho Hashima shi Gifu 5016257 Japan  2)FUJI SHOJI CO. LTD.
· /		11
	:PCT/JP2012/060925 :24/04/2012	1
(87) International Publication No	:WO 2013/160996	1)TAKAGI Chikara
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

A rotating body (11) is divided into four to form a plurality of divided bodies (22). A chuck mechanism (32) includes a scaling mechanism (31) that scales each of the divided bodies (22) in a radial direction of the rotating body (11). The chuck mechanism (32) attaches and detaches a starting end of a wire (W) interlocking with the scaling of each of the divided bodies (22). The scaling mechanism (31) has a guide member that causes each of the divided bodies (22) to reciprocate in the radial direction and a cam member that moves each of the divided bodies (22) to a diameter increased position and a diameter decreased position. The chuck mechanism (32) has a chuck arm (34) a coil spring (36) that biases the chuck arm (34) in the closing direction an arm member (39) that opens and closes the chuck arm (34) and a cam operating portion that rotates the arm member (39).



No. of Pages: 19 No. of Claims: 5

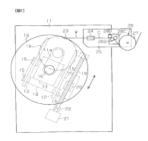
(22) Date of filing of Application :21/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: BEAD RING WINDING DEVICE

(51) International classification	:B21F37/00,B29D30/48	(71)Name of Applicant:
(31) Priority Document No	:NA	1)FUJI SEIKO CO. LTD.
(32) Priority Date	:NA	Address of Applicant :60 Hirakata 13 chome Fukuju cho
(33) Name of priority country	:NA	Hashima shi Gifu 5016257 Japan
(86) International Application No	:PCT/JP2012/061207	2)FUJI SHOJI CO. LTD.
Filing Date	:26/04/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/161031	1)NOMURA Shigeaki
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li><li>(62) Divisional to Application Number</li></ul>	:NA :NA :NA	
Filing Date	:NA	

#### (57) Abstract:

A bead ring winding device forms a bead ring by winding a wire (W) that is supplied to an outer circumference of a former (18) which is removably supported by an axis of rotation (16). The bead ring winding device comprises: a guide member (12) that guides a bearing member (13) which supports the axis of rotation (16); and driving members (19 20 and 21) that lift and lower the bearing member (13) along the guide member (12). When the former (18) is replaced by another former (18) that has a different diameter the bearing member (13) is lifted and lowered by the driving members (19 to 21) so that an upper end of the former (18) is disposed at a fixed position.



No. of Pages: 21 No. of Claims: 5

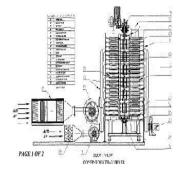
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: APPARATUS AND METHOD FOR CONTINUOU DRYING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	F25B5/04 :NA :NA :NA :NA :NA : NA :NA :NA	(71)Name of Applicant:  1)MR. RAJKUMAR BUDHRAJA Address of Applicant:2B/34 WINDMERE BLDG., NEW LINK ROAD, NEAR OSHIWARA POLICE STATION, ANDHERI-WEST, MUMBAI-400 053. Maharashtra India 2)MR. UMANG BUDHRAJA (72)Name of Inventor: 1)MR. RAJKUMAR BUDHRAJA 2)MR. UMANG BUDHRAJA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention describes apparatus and method for continuous drying, the method comprising cascading a material containing a substance capable of sublimation between a plurality of trays vertically stacked within a processing zone provided within a processing chamber, maintaining a substantially atmospheric environment within the processing zone at a temperature whereby the material dries within the environment, and contacting the environment containing the material with a drying agent to maintain the environment whereby the substance dries at substantially atmospheric pressure and at the controlled temperature. The cleanable rotary tray dryer of vertical housing comprising feeding funnel, rotating trays, drive for air distribution, wipers, heater, discharged funnel and trolley for rotary trays. The cleanable rotary tray dryer operates at atmospheric pressure using the principle of forced hot-air convection. The present tray dryer consists of a vertical housing that contains stack of shelves that rotate around set air. The shelves are divided into tray segments by radial slots that allow the material to be transferred down to successive shelves and ultimately discharged through discharged funnel to trolley.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2040/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 13/10/2014 (43) Publication Date: 11/09/2015

## (54) Title of the invention: EXTERNALLY STRUCTURED AQUEOUS ISOTROPIC LIQUID LAUNDRY DETERGENT **COMPOSITIONS**

(51) International classification :C11D3/12,C11D3/22,C11D3/50 (71) Name of Applicant: (31) Priority Document No :12165198.8

(32) Priority Date :23/04/2012

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2013/055648

Filing Date :19/03/2013

(87) International Publication No: WO 2013/160023

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

(62) Divisional to Application

:NA Number :NA

Filing Date

1)UNILEVER PLC

Address of Applicant: a company registered in England and Wales under company no. 41424 of Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K. U.K.

(72) Name of Inventor:

1)BEST Jonathan

2)KOWALSKI Adam Jan 3)RYAN Philip Michael

4)SANDERSON Alastair Richard

## (57) Abstract:

An externally structured aqueous isotropic liquid laundry detergent composition comprising: at least 10 wt% water at least 10 wt% of a mixed surfactant system comprising anionic surfactant an external structuring system comprising from 0.025 to 0.15 wt% insoluble cellulosic fibre comprising at least 50 wt% activated citrus fibre at least 0.01 wt% suspended non clay solid particles characterised in that the external structuring system further comprises at least 0.1 wt% water swellable clay.

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

(22) Date of filing of Application :27/01/2014

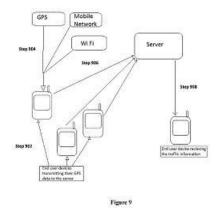
(43) Publication Date: 11/09/2015

# (54) Title of the invention : SYSTEM AND METHOD PROVIDING TRAFFIC INFORMATION, FORECASTING AND TRAFFIC REPORTING IN REAL-TIME

(51) International classification		(71)Name of Applicant:
	G01C21/34	1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Tata Consultancy Services Limited,
(32) Priority Date	:NA	Nirmal Building, 9th Floor, Nariman Point Mumbai - 400021,
(33) Name of priority country	:NA	Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMAR, Prabhat
(87) International Publication No	: NA	2)SINGH, Aniruddh
(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 providing traffic information, forecasting and traffic reporting in real-time are disclosed. Traffic data is collected from one or more sources. The traffic data is used to define a time interval band such that user may select at least one time interval from the time interval band. The one or more traffic rate parameters are calculated. The traffic rate parameters provide information about a traffic situation over a route of interest. The traffic data is compared with a pre-stored traffic data to define an authentication band. The traffic rate parameters are scaled with respect to the authentication band. The traffic information may be reported and displayed to one or more users along with the authentication band.



No. of Pages: 38 No. of Claims: 26

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : COMPOSITION OF OILY, PUNGENT AND ODORIFEROUS SUBSTANCES AND A PROCESS OF PREPARATION THEREOF.

	:A61K8/34,	(71)Name of Applicant:
(51) International classification	A61K8/89,	1)OMNIACTIVE HEALTH TECHNOLOGIES LTD.
	A61L9/01	Address of Applicant :OMNIACTIVE HEALTH
(31) Priority Document No	:NA	TECHNOLOGIES LTD. RAJAN HOUSE, APPASAHEB
(32) Priority Date	:NA	MARATHE MARG, PRABHADEVI, MUMBAI - 400025,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. JAYANT DESHPANDE
(87) International Publication No	: NA	2)DR. GIRISH ACHLIYA
(61) Patent of Addition to Application Number	:NA	3)PRAVIN NALAWADE
Filing Date	:NA	4)PRAKASH BHANUSE
(62) Divisional to Application Number	:NA	5)SWAPNIL KHAMBORKAR
Filing Date	:NA	

## (57) Abstract:

The present invention particularly relates to an extended and sustained release stable, free flowing, solid composition of capsicum extract or capsaicinoids and/or analogs thereof and a process for its preparation. The said composition eliminates the discomfort by facilitating complete intestinal absorption of the active ingredient and thereby minimizing/ eliminating the discomfort caused by the residual unabsorbed active ingredient. The extended and sustained release stable, free flowing, solid microspheres of the present invention are particularly suitable for formulating into consumable dry syrups, tablets, capsules, liquid syrups, health drinks, diet drinks, fruit juices, soft drinks and the like which are useful in reduction of body weight.

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

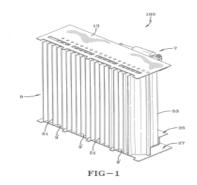
(22) Date of filing of Application :22/10/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: LOUVER DEVICE FOR REMOVING MOISTURE AND DUST

(32) Priority Date       :27/04/2012       A         (33) Name of priority country       :U.S.A.       34997         (86) International Application No       :PCT/US2013/038140       (72)N         Filing Date       :25/04/2013       1)M         (87) International Publication No       :WO 2013/163379       2)N	Address of Applicant :7833 S.W. Ellipse Way Stuart FL .997 U.S.A.  2)Name of Inventor:  1)MACDONALD George  2)NEWTON Gregory  3)CLEMENCE Richard
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#### (57) Abstract:

A moisture and dust removing louver pack is composed of a set of pivotable louvers which can pivot between open and closed positions in an air passageway the louvers allowing air to pass through the passageway when in the open position and having moisture and dust removing structure for air to impinge upon to remove moisture and dust from the air passing through the passageway.



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

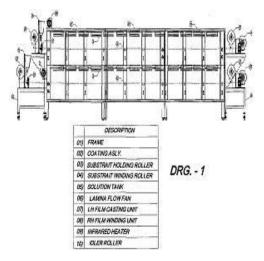
(22) Date of filing of Application :31/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: DUAL TRANSDERMAL PATCH MAKING MACHINE

	:C07D211/66.	(71)Name of Applicant :
(51) International classification	A61K31/4468,	
	A61K31/465,	Address of Applicant :2B/34 WINDMERE BLDG., NEW
(31) Priority Document No	:NA	LINK ROAD, NEAR OSHIWARA POLICE STATION,
(32) Priority Date	:NA	ANDHERI-WEST, MUMBAI-400 053. Maharashtra India
(33) Name of priority country	:NA	2)MR. UMANG BUDHRAJA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR. RAJKUMAR BUDHRAJA
(87) International Publication No	: NA	2)MR. UMANG BUDHRAJA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The transdermal film casting assembly comprising Substract Holding Roller, Charging Port, Laminar Flow Fan, one or more Heater, backing film and transdermal film winding roller. Where the complete assembly to all above mentioned equipments work in a fully automatic and interlocked manner for continuous transdermal film production. The assembly ensures continuous manufacturing of transdermal film without any stoppage. This film can be use with humans to provide the desired therapeutic or sensory benefit without undue adverse side effects (such as toxicity, irritation, and allergic response) commensurate with a reasonable benefit/risk ratio.



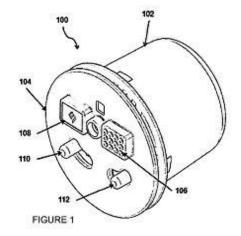
No. of Pages: 12 No. of Claims: 10

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: FRAGRANCE DIFFUSER

#### (57) Abstract:

A fragrance diffuser comprising a housing, a cover disposed on an open operative top end thereof, an inlet configured between the cover and the open operative top end to facilitate inflow of air, a separator extending horizontally within the housing configuring an upper-compartment with an upper-sub-compartment disposed therein defining a peripheral-compartment between walls of the upper-sub-compartment and the housing and enclosing a blower unit a lower-compartment having at least two sub-compartments to receive a fragrance-cartridge each, the first of two sub-compartments, the peripheral-compartment and the upper-sub-compartment configuring a first flow-path with a first flap adapted to move to block and unblock the first-flow path on actuation by an actuator, and the second of the two sub-compartments, the peripheral-compartment and the upper sub-compartment configuring a second flow-path with a second flap adapted to move to block and unblock the second flow-path on actuation by an actuator. Fig.1



No. of Pages: 21 No. of Claims: 6

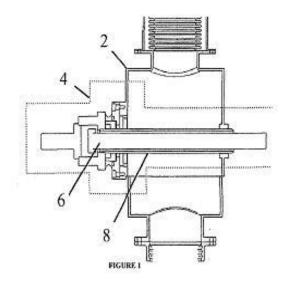
(22) Date of filing of Application :24/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: AN IMPROVED INSTRUMENT TRANSFORMER

	·H01F27/04	(71)Name of Applicant :
(51) International classification	H01F27/29,	1)CROMPTON GREAVES LIMITED
	H01F38/20	Address of Applicant :CROMPTON GREAVES LIMITED,
(31) Priority Document No	:NA	CG HOUSE, DR. ANNIE BESANT ROAD, WORLI, MUMBAI
(32) Priority Date	:NA	- 400030, MAHARASHTRA, INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)UPADHYAY PANKAJ
Filing Date	:NA	2)KUSALE SARANG
(87) International Publication No	: NA	3)JOSHI SACHIN
(61) Patent of Addition to Application Number	:NA	4)KATTI SUDARSHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An improved instrument transformer comprising a transformer tank with secondary turns and a conducting assembly located within said tank and between said secondary turns, said said improved instrument transformer comprises: a pair of elongate shafts with semi-circular cross section for its most part which further extends into a first laterally located rounded solid end, and the second laterally located end being of semi-circular cross section; a pair of hollow tubular components, each of said pair of tubular components adapted to be ensconced over said pair of elongate shafts located over each other, said pair of elongate shafts and said pair of hollow tubular components forming a conducting assembly; and insulating material adapted to fill in spaces between said conducting assembly.



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

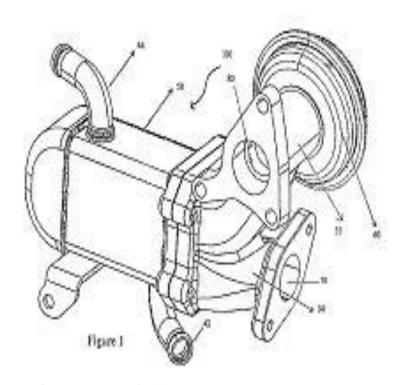
(22) Date of filing of Application :29/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: EXHAUST GAS RECIRCULATION MODULE

(51) International classification	:F02M25/07	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LIMITED
(32) Priority Date	:NA	Address of Applicant :R&D CENTER, AUTOMOTIVE
(33) Name of priority country	:NA	SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007
(86) International Application No	:NA	MAHARASHTRA STATE, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIKRAMAN VELLANDI
(61) Patent of Addition to Application Number	:NA	2)PRASAD BABU NAMANI
Filing Date	:NA	3)PARAG NARSINHA DAITHANKAR
(62) Divisional to Application Number	:NA	4)RAMASAMY VELUSAMY
Filing Date	:NA	5)AMOL SUDHAKARRAO CHAUDHARI

#### (57) Abstract:

Disclosed is an exhaust gas recirculation module (100) for an internal combustion engine. The exhaust gas recirculation module (100) comprises a housing (90), a valve (60), an actuator and a heat exchanger (50). The housing (90) is mounted directly onto a cylinder head (150) of the engine thus eliminating the need of a prior art EGR pipe for connection purpose. The valve (60) and the heat exchanger (50) are integrated into the housing (90) in such a way to eliminate leakage joints, sticking issues as well as failure of the heat exchanger (50) thereby increasing efficiency of the exhaust gas recirculation module (100) to help the engine and the vehicle to meet the emission norms comfortably. Figure 1



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

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: OXIDATION OF SULFENYL COMPOUND

	:C07F9/00,	(71)Name of Applicant:
(51) International classification	C07F9/564,	,
	C07F9/24	Address of Applicant :B-27/29, MIDC DOMBIVLI(E)
(31) Priority Document No	:NA	THANE - 421203, MAHARASHTRA, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MATHUR SUCHET S.
(86) International Application No	:NA	2)MALWANKAR JAGDISH R.
Filing Date	:NA	3)MHATRE HRIDAYNATH V.
(87) International Publication No	: NA	4)PEDHAVI VISHAL P.
(61) Patent of Addition to Application Number	:NA	5)JAWALE DINESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present invention relates to a process of oxidation of a sulfenyl compound to a sulfinyl compound. The process involves the steps of reacting a sulfenyl compound with at least one acid, in the presence of at least one phase transfer catalyst and in a solvent to obtain a solution. The oxidizing agent is added dropwise to a said solution in the temperature range of 25-35oC for 1 to 3 hours to obtain the sulfinyl compound. The oxidation reaction is monitored by HPLC.

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

(22) Date of filing of Application :05/03/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: CYCLIC SHIFT DELAY DETECTION USING A CHANNEL IMPULSE RESPONSE

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:13/624646 :21/09/2012 :U.S.A.	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: ATTN: International IP Administration  5775 Morehouse Drive San Diego California 92121 1714 U.S.A.  (72)Name of Inventor:  1)LAKHZOURI Abdelmonaem  2)CURTICAPEAN Florean
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Systems apparatus and methods for determining a cyclic shift diversity (CSD) mode are presented. Examples use a channel impulse response (CIR) to determine a current CSD mode. Specifically a channel impulse response from an orthogonal frequency division multiplexing (OFDM) symbol which forms CIR samples. The CIR samples are examined to find a local maxima. A current CSD mode may be selected based on the local maxima found in the CIR samples.

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

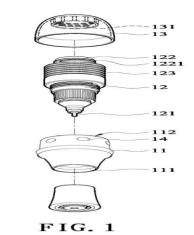
(22) Date of filing of Application :22/01/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention: PALM-PRESSING TEXT CORRECTION 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 Number</li> </ul>	A61M5/178 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant:  1)MCAIDE ENTERPRISE CO., LTD.  Address of Applicant: 12F., NO. 2, SEC. 4, ZHONGYANG RD., TUCHENG DIST., NEW TAIPEI CITY, TAIWAN, R.O.C. Taiwan (72)Name of Inventor:  1)MING-HUA YEN
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

#### (57) Abstract:

A palm-pressing text correction apparatus (1) manufactured according to the shape of a user<sup>TM</sup>s hand includes a casing (11), an elastic container (12) and a pressing element (13). The casing (11) has a first opening (111) and a second opening (112) formed at both ends of the casing (11) respectively, and the elastic container (12) is mounted into the casing (11) and provided for containing correction liquid, and a liquid output nozzle (121) and a pressed end (122) are disposed at both ends of the casing (11) respectively. The liquid output nozzle (121) is protruded out from the first opening (111), and the pressing element (13) is coupled to the pressed end (122). The apparatus is held within the user<sup>TM</sup>s palm operating range, and an axial force acted onto the pressing element (13) is produced by a pressing force while holding the apparatus to compress the elastic container (12) to deform in an axial direction and output the correction liquid with an effort-saving effect.



No. of Pages: 18 No. of Claims: 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.84/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/01/2015 (43) Publication Date : 11/09/2015

## (54) Title of the invention: IMPROVEMENTS IN CONDUCTIVE ADHESIVES

:NA

(51) International classification :C09J9/02,H01B1/20,H01R4/04 (71)Name of Applicant : (31) Priority Document No 1)CONPART AS :1212489.7 Address of Applicant : Dragonveien 54 NO 2013 Skjetten (32) Priority Date :13/07/2012 (33) Name of priority country :U.K. Norway (72) Name of Inventor: (86) International Application No :PCT/EP2013/064838 Filing Date 1)REDFORD Keith :12/07/2013 (87) International Publication No :WO 2014/009552 2)KRISTIANSEN Helge (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

#### (57) Abstract:

Filing Date

Number

A conductive adhesive such as an anisotropic conductive adhesive comprising a population of conductive particles and a population of signal particles in an adhesive; wherein both the conductive particle population and the signal particle population have an average particle diameter of  $<200\mu m$  with a coefficient of variance of <10%; wherein the signal particles are arranged to provide an indication when they are deformed to a pre determined height; and wherein the conductive particles are arranged such that they will not fail e.g. crack or fracture when deformed to a height larger than or equal to the pre determined height at which the signal particles are arranged to provide the indication.

No. of Pages: 39 No. of Claims: 27

(22) Date of filing of Application :29/01/2014

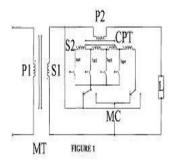
(43) Publication Date: 11/09/2015

# (54) Title of the invention: A TAP CHANGER ENABLED COMPENSATION TRANSFORMER WITH MAIN TRANSFORMER.

<ul><li>(51) International classification</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>	:H02M5/04, H02J3/26 :NA :NA :NA	(71)Name of Applicant: 1)CROMPTON GREAVES LIMITED Address of Applicant: CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 4000 30, MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAHA RAJA
(61) Patent of Addition to Application Number	:NA	2)HASSAN HAFIZ IMTIAZ
Filing Date	:NA	3)WACHASUNDAR SHRIPAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A tap changer enabled compensation transformer with main transformer (comprising at least primary windings and at least secondary windings) comprises: at least a compensation transformer adapted to be connected in series to said main transformer, said at least a compensation transformer comprising at least primary windings and at least secondary windings; and at least a tap changer located in correlation with said compensation transformer.



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

(21) Application No.331/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ALKYL THIOPYRAZOLES

(51) International classification	:C07D231/18, C07C323/27, C07C249/02	(71)Name of Applicant: 1)GHARDA CHEMICALS LTD Address of Applicant: B-27/29, MIDC DOMBIVLI(E)
(31) Priority Document No	:NA	THANE - 421203, MAHARASHTRA, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MATHUR SUCHET S.
(86) International Application No	:NA	2)MALWANKAR JAGDISH R.
Filing Date	:NA	3)MHATRE HRIDAYNATH V.
(87) International Publication No	: NA	4)PEDHAVI VISHAL P.
(61) Patent of Addition to Application Number	:NA	5)JAWALE DINESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

The present disclosure relates to a process for synthesizing alkyl thiopyrazole. The process in accordance with the present disclosure comprises reacting an alkyl sulfenyl halide, an aminopyrazole, an amine salt and a solvent in an inert atmosphere in the temperature range of -20 to 50°C. The alkyl sulfenyl halide can be pre-formed and introduced to the reaction or can be generated in-situ.

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

(21) Application No.492/MUMNP/2015 A

(19) INDIA

(22) Date of filing of Application :07/03/2015 (43) Publication Date: 11/09/2015

# (54) Title of the invention: AUTO PUMP BRACKET

(51) International :F04D29/60,F04B53/22,F16M13/02

classification (31) Priority Document No :2012134194 (32) Priority Date :10/08/2012

(33) Name of priority country: Russia

(86) International Application :PCT/RU2013/000641

:26/07/2013 Filing Date

(87) International Publication :WO 2014/025289

(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)YAZYKOV Andrey Yurievich

Address of Applicant: Chobotovskaya 5 ya alley 24 Moscow

119619 Russia

(72) Name of Inventor:

1)YAZYKOV Andrey Yurievich

#### (57) Abstract:

The bracket comprising a rail (1) with the base and the holes (2) for fastening to the vertical support. Two pairs of guides (4) in pairs making up the slots narrowing towards the bottom to allocate the top ends of the posts (5) connected with the arched console (9) by means of the stiffeners (67) and the strut (8) with at least one tangential flange (10) with a hole (11) to fasten the installed equipment. It is achieved simplifying of operations and reducing time for installation on a wall and a column simplifying mounting of pump equipment on the arched console surfaces increasing repairability durability providing a possibility of dismantle compact storing and transporting and re installation.

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

(22) Date of filing of Application :06/03/2014

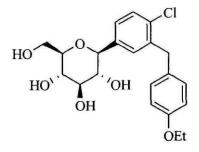
(43) Publication Date: 11/09/2015

# $(54) \ Title \ of the invention: PROCESS \ FOR \ THE \ PREPARATION \ OF \ (1S)-1,5-ANHYDRO-1-C-[4-CHLORO-3-[(4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-CHLORO-3-[4-C$

(51) International classification	·C07D309/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MSN LABORATORIES PRIVATE LIMITED
the state of the s		
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARAIAH
Filing Date	:NA	3)SURAPARAJU RAGHURAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

The present invention relates to a process for the preparation of (IS)-l,5-anhydro-l-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-D-glucitol which is represented by the following structural formula-1 and its glycerol solvate.



Formula-1

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

(21) Application No.1142/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :06/03/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention : IMPROVED PROCESSES FOR THE PREPARATION OF DABIGATRAN ETEXILATE USING NOVEL INTERMEDIATES

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) 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 : NA	(71)Name of Applicant:  1)SYMED LABS LIMITED  Address of Applicant:8-3-166/6 & 7, SECOND FLOOR,  SREE ARCADE, ERRAGADDA, HYDERABAD - 500 018  Andhra Pradesh India (72)Name of Inventor:  1)MOHAN RAO DODDA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)JITHENDER AADEPU
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

# (57) Abstract:

Disclosed herein are novel, commercially viable and industrially advantageous processes for the preparation of Dabigatran or a salt thereof, in high yield and purity, using novel intermediate compounds.

No. of Pages: 55 No. of Claims: 44

(22) Date of filing of Application :22/06/2009 (43) Publication Date : 11/09/2015

# (54) Title of the invention: INKJET PRINTING METHODS AND INKJET INK SETS

(51) International classification	:B41M5/00	(71)Name of Applicant:
(31) Priority Document No	:06126887.6	1)AGFA GRAPHICS NV
(32) Priority Date	:21/12/2006	Address of Applicant :SEPTESTRAAT 27, B,2640
(33) Name of priority country	:EUROPEAN	MORTSEL, Belgium
	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP07/62708	1)DE VOEGHT, FRANK
Filing Date	:22/11/2007	2)VAN THILLO, ETIENNE,
(87) International Publication No	:WO	
	2008/074589	
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

An Inkjet printing method comprising in order the steps of: a) providing at least two or more colour Inkjet Inks of the same colour and colour density but having a different composition to an Inkjet printer; b) mixing said two or more colour Inkjet inks In a controlled amount; and c) printing the mixture of said two or more colour Inkjet Inks with the Inkjet printer onto an ink-receiver. Also disclosed are an Inkjet printer and an Inkjet ink set comprising two or more colour Inkjet inks of the same colour and colour density but having a different composition.

No. of Pages: 75 No. of Claims: 20

(21) Application No.4493/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: IMPROVEMENTS IN OR RELATING TO THE ENCAPSULATION OF PERFUMES

(51) International classification :A61K8/11,A61Q13/00,B01J13/16 (71)Name of Applicant : (31) Priority Document No :11290604.5 1)GIVAUDAN SA

(32) Priority Date :22/12/2011
(33) Name of priority country :EPO

(33) Name of priority country :EPO(86) International Application

No :PCT/EP2012/076560

Filing Date :21/12/2012

(87) International Publication :WO 2013/092958

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

(62) Divisional to Application Number :NA Filing Date :NA 1)GIVAUDAN SA

Address of Applicant : Chemin de la Parfumerie 5 CH 1214

Vernier Switzerland (72)Name of Inventor: 1)GEFFROY Cdric

2)SCHREIBER Sophie Sonia 3)GOODALL Marcus James

4)FADEL Addi

5)HARRISON Ian Michael

#### (57) Abstract:

Core shell capsules suitable for perfuming a consumer product comprising a polymeric shell surrounding and encapsulating a perfume containing oil core the mean diameter (D50) of which capsules is about 5 to 250 microns and which capsule is adapted to be ruptured to release perfume contained in the core under a rupture force of less than 2 milli Newtons (mN).

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

(21) Application No.4494/CHENP/2014 A

(19) INDIA

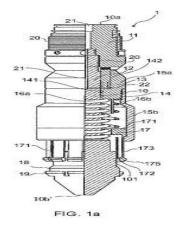
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

#### (54) Title of the invention: PULLING TOOL

(51) International classification :E21B23/04,E21B31/20 (71)Name of Applicant : (31) Priority Document No :11191285.3 1)WELLTEC A/S (32) Priority Date :30/11/2011 Address of Applicant : Gydevang 25 DK 3450 Aller d (33) Name of priority country :EPO Denmark (86) International Application No :PCT/EP2012/073915 (72) Name of Inventor: Filing Date :29/11/2012 1)HALLUNDB†K J rgen (87) International Publication No :WO 2013/079573 2) EVERTSEN Steffen (61) Patent of Addition to Application 3)SOMMER Rasmus :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The present invention relates to a pulling tool (1) for latching onto an object (30) such as a plug downhole in a wellbore The pulling tool comprises a base element (10) extending in a longitudinal direction from a proximal end (10a) for being connected to a wireline tool to a distal end (10b) adapted to engage the object and a latching mechanism (13) encircling the base element and being movable in the longitudinal direction between a deactivated position and an activated position comprising a piston sleeve (13) a key element (17) for latching onto the downhole object the key element being slidably received inside the piston sleeve and extending from an end of the piston sleeve towards the distal end of the base element and a piston spring forcing (16a) the piston sleeve in the longitudinal direction towards the proximal end of the base element. Furthermore the present invention relates to a downhole retrieval system for pulling an object in a well bore and to a method of connecting and disconnecting such retrieval system to a downhole object.



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

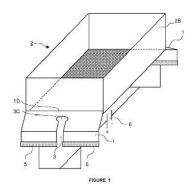
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BUSHINGS COMPRISING NOTCHED TERMINAL EARS

(51) International classification :C03B37/083,C03B37/09 (71)Name of Applicant : (31) Priority Document No 1)3B FIBREGLASS SPRL :12152302.1 (32) Priority Date :24/01/2012 Address of Applicant :Route de Maastricht 67 B 4651 Battice (33) Name of priority country :EPO Belgium (86) International Application No :PCT/EP2013/050550 (72) Name of Inventor: Filing Date 1)SIMON Philippe :14/01/2013 (87) International Publication No :WO 2013/110517 2)LAURENT Dimitri (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

The present invention concerns a bushing assembly (2) comprising terminal ears coupled to opposed end walls (2A) of the bushing assembly for heating the bushing tip plate and walls each of said terminal ears comprising an electrically conductive plate (1) comprising a first terminal edge (1D) coupled to a bushing first end wall (2A) and extending away from said first end wall to a second free terminal edge (1A) connectable to a source of power (5 6) said plate comprising a slot (3) comprising: (a) a first open end (3A) of width WA at the second free edge (1A) of the plate (b) an elongated portion (3 B) extending towards said first edge (1D) of gap width WB and (c) a second closed end (3C) separate from the first edge (1D) of the terminal ear and having a curved geometry; characterized in that the curvature 1/(2 R) at any point of the curved second end (3C) of the slot is less than the reciprocal 1/W of the smallest gap width W of both slot first open end (3A) WA and elongated portion (3 B) W wherein R is the radius at any point of the curved second end (3C)



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

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FIBER OPTIC SKIN FIL TRANSILLUMINATOR

(51) International classification	:A61B5/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G.S. UTHAYA KUMAR
(32) Priority Date	:NA	Address of Applicant :118/37, ELLAIAMMAN KOIL
(33) Name of priority country	:NA	STREET, KOTTUR, CHENNAI - 600 085 Tamil Nadu India
(86) International Application No	:NA	2)S. JUSTIN PACKIA JACOB
Filing Date	:NA	3)A. SIVASUBRAMANIAN
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)G.S. UTHAYA KUMAR
Filing Date	:NA	2)S. JUSTIN PACKIA JACOB
(62) Divisional to Application Number	:NA	3)A. SIVASUBRAMANIAN
Filing Date	:NA	

#### (57) Abstract:

In the medical industry, the present invention provides a optical skin film sheet for biosensor fabrication to monitor human body tissues capable of producing an indicator response upon detection of the presence of certain functional chemical compounds in a biological and human body tissue samples. The present invention relates to devices and methods for detecting various analytes in a biological sample based upon the alteration of light characteristics associated with binding of the chemical composition. The optical characteristics of the fiber optic skin film transilluminator are experimented using LED light source and also LASER light of wavelength 650nm and 850nm. The voltage produced by the skin film sheet is 26mVolts to 356mVolts. When the light interacts with the skin film sheet at varies distance are recorded with the help of optical set up and the complete characteristics are described based on the present invention.

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

(21) Application No.4505/CHENP/2014 A

(19) INDIA

country

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: COMPOSITION FOR SLIDING MEMBER

(51) International :C08L101/00,C10M107/38,C10M145/20

classification
(31) Priority Document

(31) Priority Document :2012105846

(32) Priority Date :07/05/2012 (33) Name of priority :Japan

(86) International PCT/IP2013/05567

Application No :PCT/JP2013/055676 :01/03/2013

(87) International :WO 2013/168453

Publication No
(61) Patent of Addition

Filing Date

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

(71)Name of Applicant:

1)NOK KLUEBER CO. LTD.

Address of Applicant: 1 12 15 Shibadaimon Minato ku Tokyo

1050012 Japan

(72)Name of Inventor:1)YAMASAKI Yujiro2)TAHARA Masaki

# (57) Abstract:

The present invention addresses the problem of providing a composition for sliding members which has lubricating properties and abrasion resistance. The composition for sliding members includes a binder resin a solid lubricant and an epoxy modified silicone oil having an epoxy group on one end or both ends thereof and is characterized by the weight ratio between the binder resin and the epoxy modified silicone oil being 97:3 75:25.

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

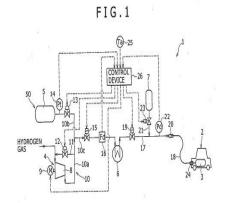
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: GAS SUPPLY METHOD AND GAS SUPPLY 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 Number</li> </ul>	*	(71)Name of Applicant:  1)KABUSHIKI KAISHA KOBE SEIKO SHO Address of Applicant: 10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor: 1)NAGURA Kenji 2)TAKAGI Hitoshi
11		
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

The gas filling equipment (1) which is capable of reducing the size of the compressor while reducing the pressure accumulator design pressure is provided with a compressor (4) and a pressure accumulator (5). The relationship between filling pressure and target flow rate is determined beforehand according to the volume of a tank (3). The filling pressure is detected to determine the target flow rate. The flow rate of the gas being supplied into the tank (3) is controlled according to the target flow rate. When the target flow rate is equal to or less than the maximum discharge rate of the compressor (4) gas is supplied to the tank (3) from the compressor (4) only. When the target flow rate is greater than the maximum discharge rate gas is supplied to the tank (3) from the compressor (4) and the pressure accumulator (5).



No. of Pages: 34 No. of Claims: 8

(21) Application No.4507/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: ELEVATOR SYSTEM

(51) International classification :B66B1/34,B66B5/12,B66B5/14 (71)Name of Applicant : (31) Priority Document No :11194604.2

(32) Priority Date :20/12/2011

(33) Name of priority country :EPO (86) International Application No: PCT/EP2012/073990

Filing Date :29/11/2012

(87) International Publication No: WO 2013/092163

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

:NA Number :NA Filing Date

1)INVENTIO AG

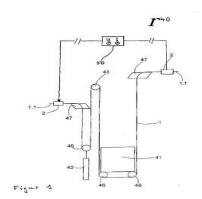
Address of Applicant: Seestrasse 55 CH 6052 Hergiswil

Switzerland

(72)Name of Inventor: 1)DOLD Florian

#### (57) Abstract:

An elevator system (40) comprises a car (41) a counterweight (42) a drive (43) and at least one carrying element (1). The car (41) and the counterweight (42) are carried by the carrying element (1) and the carrying element (1) is driven by the drive (43) in order to move the car (41) and the counterweight (42) in the opposite direction. The carrying element (1) comprises at least one test element (8) wherein the test element (8) is connected by at least one connecting device (2) and is linked to a measuring device (50) with the result that an electric resistance of the test element (8) can be determined by the measuring device (50) wherein the electric resistance of the test element (8) changes as a result of an elongation of the test element (8) so that at least one of the following states of the elevator system (40) can be determined by a measurement of the electric resistance of the test element (8): a load of the car (41) or a slack carrying element (1) or a tensioning difference between at least two carrying elements (1) or damage of the carrying element (1).



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

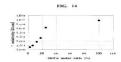
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: P TYPE OXIDE COMPOSITION FOR PRODUCING P TYPE OXIDE METHOD FOR PRODUCING P TYPE OXIDE SEMICONDUCTOR ELEMENT DISPLAY ELEMENT IMAGE DISPLAY DEVICE AND SYSTEM

(51) International (71)Name of Applicant: :H01L29/24,C01G30/00,G02F1/1365 classification 1)RICOH COMPANY LTD. (31) Priority Document No Address of Applicant: 3 6 Nakamagome 1 chome Ohta ku :2011261845 :30/11/2011 (32) Priority Date Tokyo 1438555 Japan (33) Name of priority (72)Name of Inventor: :Japan country 1)ABE Yukiko (86) International 2) UEDA Naoyuki :PCT/JP2012/081429 Application No 3)NAKAMURA Yuki :28/11/2012 Filing Date 4)TAKADA Mikiko (87) International 5)MATSUMOTO Shinji :WO 2013/081169 Publication No 6)SONE Yuji (61) Patent of Addition to 7)SAOTOME Ryoichi :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

# (57) Abstract:

To provide is a p type oxide including an oxide wherein the oxide includes: Cu; and an element M which is selected from p block elements and which can be in an equilibrium state as being present as an ion wherein the equilibrium state is a state in which there are both a state where all of electrons of p orbital of an outermost shell are lost and a state where all of electrons of an outermost shell are lost and wherein the p type oxide is amorphous.



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No. of Pages: 105 No. of Claims: 11

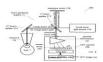
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : INTRA SURGICAL OPTICAL COHERENCE TOMOGRAPHIC IMAGING OF CATARACT PROCEDURES

(51) International classification :A61F9/008,A61B3/10 (71)Name of Applicant : (31) Priority Document No :13/329529 1)ALCON LENSX INC. (32) Priority Date Address of Applicant :33 Journey Suite 175 Aliso Viejo :19/12/2011 (33) Name of priority country California 92656 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/070434 (72) Name of Inventor: Filing Date :19/12/2012 1)GOLDSHLEGER IIva (87) International Publication No :WO 2013/096347 2)HOLLAND Guy (61) Patent of Addition to Application 3)JUHASZ Adam :NA Number 4)KURTZ Ronald M. :NA Filing Date 5) VARDIN Kostadin (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

A cataract surgical system includes a laser source to generate a first set of laser pulses; a guiding optic to guide the first set of laser pulses to a cataract target region in an eye; a laser controller to generate an electronic representation of a target scan pattern and to control the guiding optic to scan the first set of laser pulses according to a portion of the target scan pattern to create a first photo disrupted region in the cataract target region; and a Spectral Domain Optical Coherence Tomographic (SD OCT) imaging system to generate an image of a portion of the first photo disrupted region. The laser controller can generate an electronic representation of a modified scan pattern in relation to the image generated by the SD OCT imaging system and control the guiding optic to scan a second set of laser pulses according the modified scan pattern.



No. of Pages: 60 No. of Claims: 22

(21) Application No.4503/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

(54) Title of the invention: CAP ASSEMBLY

(71)Name of Applicant: (51) International classification :A61M5/32 1)SHL GROUP AB (31) Priority Document No :11511987 (32) Priority Date Address of Applicant :IP Department Box 1240 :15/12/2011 (33) Name of priority country Augustendalsvgen 19 S 13128 Nacka Strand Sweden :Sweden :PCT/SE2012/051358 (72)Name of Inventor : (86) International Application No 1)KARLSSON Sebastian Filing Date :07/12/2012 (87) International Publication No :WO 2013/089616 2)DANIEL Mattias (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

### (57) Abstract:

The present invention relates to a cap assembly to be used with a medicament delivery device which medicament delivery device comprises a housing and a medicament container holder (20) said cap assembly comprising a retainer member (134) connectable to the medicament container holder a hub (148)comprising a needle (152) having a proximal end (154) and a distal end (156) said hub being coaxially movable within the retainer member a removable inner cap (146) interactively connected to the hub (134) and to the retainer member (134) a removable outer cap (132)being coaxially arranged to the inner cap and a cap clutch mechanism (166) comprising a locking member (168) which is axially movable in relation to said inner and outer caps between a disengaged position in which said locking member is disconnected from the outer and the inner cap such that the outer cap is rotatable in relation to said inner cap and an engaged position in which said locking member is connected to the outer and to the inner cap such that the outer cap is rotationally locked to the inner cap. The invention is characterised in that the cap clutch mechanism (166) further comprises clutch biasing means (180) arranged between the outer cap and the locking member said clutch biasing means (180) being capable of biasing the locking member for keeping it in the disengaged position.



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

(21) Application No.4504/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD TO REPAIR COMPROMISED INLET OUTLET PIPING

(51) International :F16L55/165,F16L55/175,F16L55/179

classification .F10L33/173,F10L33/17

(31) Priority Document No :61/567395 (32) Priority Date :06/12/2011 (33) Name of priority

country :U.S.A.

(86) International :PCT/US2012/068246

Application No Filing Date :06/12/2012

(87) International :WO 2013/086192

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

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

(72)Name of Inventor: 1)DENGEL Derek S. 2)SMITH Todd G.

16037 U.S.A.

3)GEIBEL Ken 4)BAKER Dale

(71)Name of Applicant:

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Address of Applicant :2408 Evans City Road Harmony PA

5)DAVIDOCK Steve 6)THOMPSON Brian 7)SHULTZ Mike 8)WING Ken

# (57) Abstract:

Filing Date

Pipe fractures in cooling staves of blast furnaces are a common failure mechanism. Herein is a repair method for a cooling stave (30) utilized in a blast furnace the cooling stave (30) having a compromised stave inlet outlet pipe (27) attached to the cooling pipe in the cooling stave (30) the method comprises of the steps of inserting a rigid pipe (1) into the compromised stave inlet outlet pipe (27) to form a first annulus (28); inflating a bladder (20) disposed inside the inner pipe (1) and cooling stave (30); injecting a first uncured epoxy material into the first annulus (28); permitting the first uncured epoxy to cure; and removing the bladder (20).



No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A LIFTABLE VEHICLE BODY BOTTOM SKIRT ALONG WITH FRONT AND REAR COLLAPSIBLE WIND FRICTION REDUCTION ATTACHMENTS FOR BETTER FUEL ECONOMY

<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>	:NA ·NΔ	(71)Name of Applicant:  1)DOMMARAJU. KRISHNA MOHAN RAJU Address of Applicant:6/839-B, SARASWATHIPURAM, RAJAMPET - 516 115, KADAPA (DT) Andhra Pradesh India  2)DR. G. JAYACHANDRA REDDY 3)DR. B. SUDHEER PREM KUMAR 4)DR. K. VIJAY KUMAR REDDY (72)Name of Inventor: 1)DOMMARAJU. KRISHNA MOHAN RAJU 2)DR. G. JAYACHANDRA REDDY 3)DR. B. SUDHEER PREM KUMAR 4)DR. K. VIJAY KUMAR REDDY
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#### (57) Abstract:

In the automobiles one of the prominent wind friction area is the under body friction of vehicles. To reduce the under body wind friction of Buses, Trucks no. of bottom skirts are designed, but still the minimum ground clearance around 20 centimetre is maintained for avoiding the under body clash with speed breakers and other pits and bumps on the road. In the present invention a collapsible liftable under body skirt is designed for both body sides and front and rear wind friction reduction attachments, which will lifted automatically to the required height when the vehicle speed is reduced to around 45 KMPH so that the underbody friction is reduced at high speeds for better fuel economy.

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

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ENERGY EFFICIENT AIR CONDITIONING SYSTEM BY COMBINING WITH AIR COOLER

(51) International classification	:F24F5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DOMMARAJU. KRISHNA MOHAN RAJU
(32) Priority Date	:NA	Address of Applicant :6/839-B, SARASWATHIPURAM,
(33) Name of priority country	:NA	RAJAMPET - 516 115, KADAPA (DT) Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DOMMARAJU. KRISHNA MOHAN RAJU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

In general the air conditioners are necessary to every family for comfortable stay in the summer season. Because of High operation cost the middle class families are opting air coolers instead of air conditioners. In the proposed invention of Energy efficient air conditioner in combination with air cooler, the condenser temperature is reduced by cooling with cooled air cooler water and evaporator temperature is raised by using efficient heat exchanger, thereby the compressor work is reduced. The usage of free cooling system and secondary evaporative cooling in parallel with air conditioner reduces the cooling load in the room. The usage of PMDC motors and efficient fan reduces the power consumption of air conditioner further. By incorporating all these techniques the power consumption of air conditioner will be reduced drastically.

No. of Pages: 19 No. of Claims: 9

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: A LIGHTING SYSTEM

(51) International classification: F21S2/00,F21V33/00,F21V23/00 (71) Name of Applicant:

(31) Priority Document No :61/566754 (32) Priority Date :05/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/056832

No Filing Date

:29/11/2012

(87) International Publication

:WO 2013/084119

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

(62) Divisional to Application :NA Number :NA

Filing Date

#### 1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands

(72) Name of Inventor:

1)VISSENBERG Michel Cornelis Josephus Marie

2) JACOBS Johannes Andreas Henricus Maria

3)VAN GORKOM Ramon Pascal

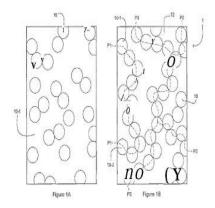
4) VERHOEVEN Mark Johannes Antonius

5)DUIJMELINK Andreas Aloysius Henricus

6)COOIJMANS Huib

#### (57) Abstract:

A lighting system (1) comprises a plurality of discrete light emitting diode modules (10) and a translucent portion (12) containing the plurality of discrete light emitting diode modules (10). Each light emitting diode module (10) comprises a light emitting diode and at least a first module electrode and a second module electrode. The first module electrode is in electrical connection with the cathode of the light emitting diode and the second module electrode is in electrical connection with the anode of the light emitting diode. At least a portion of the plurality of light emitting diode modules (10) form a string (P1 P2 P3) of modules with at least one module electrode of each of the light emitting diode modules (10) in the string (P1 P2 P3) being in direct physical contact with a module electrode of a neighboring light emitting diode module (10) in the string (P1 P2 P3) such that when a voltage is applied across the string (P1 P2 P3) current flows in each light emitting diode module (10) in the string (P1 P2 P3) thereby activating the light emitting diode of each light emitting diode module (10) in the string (P1 P2 P3).



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

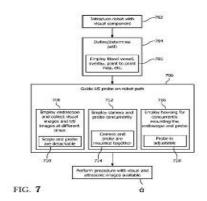
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ROBOTIC GUIDANCE OF ULTRASOUND PROBE IN ENDOSCOPIC SURGERY

(51) International classification	:A61B19/00	(71)Name of Applicant:
(31) Priority Document No	:61/566625	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:03/12/2011	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/IB2012/056758	(72)Name of Inventor:
Filing Date	:27/11/2012	1)POPOVIC Aleksandra
(87) International Publication No	:WO 2013/080124	2)ELHAWARY Haytham
(61) Patent of Addition to Application	:NA	3)HALL Christopher Stephen
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Systems and methods for surgical robotic guidance include a robotic system (124) having a robot (122) configured to pass to a target through a port (134). The robotic system includes a visual component (102) employed in guiding the robot along a path to a location. The location is defined in accordance with a position and orientation of the robot. An ultrasonic probe (125) is guided by the robot to the location to permit engagement of the probe to collect ultrasonic images at the location.



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

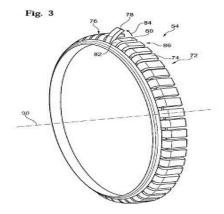
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BALANCING OF A ROTATING ANODE

(51) International classification	:H01J35/10	(71)Name of Applicant:
(31) Priority Document No	:61/567183	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:06/12/2011	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/IB2012/056791	(72)Name of Inventor:
Filing Date	:28/11/2012	1)FOELLMER Marcus Walter
(87) International Publication No	:WO 2013/084114	
(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 balancing of a rotating anode. In order to provide a facilitated balancing of a rotating anode allowing balancing also in a state where the rotating anode disk is mounted inside an X ray tube an adjustment device (54) for balancing a rotating anode disk in an operating state is provided. The adjustment device comprises at least a first plurality (72) of balancing elements (74) wherein the balancing elements are attached to at least one circular ring structure (76) and wherein the balancing elements each comprise a balancing portion (80) mounted to the circular ring structure via a bending portion (82). The bending portions are configured to be heated to a bending temperature to allow a radial pivoting movement (84) of the balancing portion from a first state (86) into a second state (88) caused by centrifugal forces upon rotation wherein in the first state a centre of mass of the balancing portion is closer to a centre (90) of the circular ring structure than the second state.



No. of Pages: 27 No. of Claims: 15

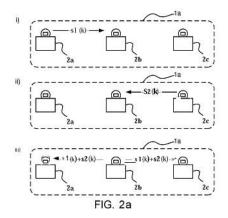
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROTOCOLS FOR CODED LIGHT COMMUNICATIONS

:H05B37/02,H04L12/54 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/567209 1)KONINKLIJKE PHILIPS N.V. (32) Priority Date Address of Applicant : High Tech Campus 5 NL 5656 AE :06/12/2011 Eindhoven Netherlands (33) Name of priority country :U.S.A. (86) International Application No :PCT/IB2012/056951 (72) Name of Inventor: Filing Date :04/12/2012 1)PANDHARIPANDE Ashish Vijay (87) International Publication No :WO 2013/084149 2)YANG Hongming (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

Protocols for coded light communication and control in a lighting system wherein each lighting device transmits modulated light during illumination are proposed. When a first source lighting device need to transmit information across the lighting system to a destination lighting device one or more intermediate lighting devices decode received coded light transmissions from the first source lighting device. The one or more intermediate lighting devices superimposes the coded light transmissions from the first source lighting device with coded light transmissions from a second source lighting device in a broadcast. The first source lighting device uses the received broadcast signal from the one or more intermediate lighting devices to retrieve the coded light transmissions from the second source lighting device by canceling stored a priori known signal components.



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

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: SELECTION OF IMAGES FOR OPTICAL EXAMINATION OF THE CERVIX

(51) International classification :G06T7/00,A61B1/303,A61B1/00 (71)Name of Applicant : (31) Priority Document No :61/566904

(32) Priority Date :05/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/056855

No :30/11/2012 Filing Date

(87) International Publication :WO 2013/084123

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

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

1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72)Name of Inventor:

1)VAJINEPALLI Pallavi

2) VAN LEEUWEN Marinus Bastiaan

3)SHAN Caifeng 4)KESWARPU Payal

5)RAMASWAMY Shivakumar Kunigal

6)SUBRAMANIAN Vandana

#### (57) Abstract:

A medical imaging system (1200 1300) comprising a processor (1204) for controlling the medical imaging system. The medical imaging system further comprises a memory (1210) for storing machine executable instructions for execution by the processor. Execution of the instructions causes the processor to: receive (900 1000 1100) image data (1212) wherein the image data comprises multiple images of a cervix (1600); and select (902 1004 1102 1112) a diagnostic image (1214) from the image data.





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

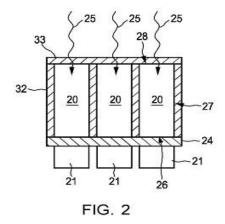
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DETECTION APPARATUS FOR DETECTING RADIATION

:G01T1/20,G01T1/202 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KONINKLIJKE PHILIPS N.V. :61/566752 (32) Priority Date :05/12/2011 Address of Applicant : High Tech Campus 5 NL 5656 AE (33) Name of priority country Eindhoven Netherlands :U.S.A. (86) International Application No :PCT/IB2012/056684 (72) Name of Inventor: Filing Date :23/11/2012 1)RONDA Cornelis Reinder (87) International Publication No :WO 2013/084106 2)PROKSA Roland (61) Patent of Addition to Application 3)THRAN Axel :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

#### (57) Abstract:

The invention relates to a detection apparatus for detecting radiation. The detection apparatus comprises a GOS material (20) for generating scintillation light depending on the detected radiation (25) an optical filter (24) for reducing the intensity of a part of the scintillation light having a wavelength being larger than 650 nm and a detection unit (21) for detecting the filtered scintillation light. Because of the filtering procedure relatively slow components i.e. components corresponding to a relatively large decay time of the scintillation light weakly constribute to the detection process or are not detected at all by the detection unit thereby increasing the temporal resolution of the detection apparatus. The resulting fast detection apparatus can be suitable for kVp switching computed tomography systems.



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

(21) Application No.1132/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 11/09/2015

(54) Title of the invention: MODIFIED FAT

(51) International classification	:C11B3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SITA SANKARAN
(32) Priority Date	:NA	Address of Applicant :SOLE PROPRIETRIX, A-3
(33) Name of priority country	:NA	SUDHAMA APARTMENTS, 27, DESIKACHARI ROAD,
(86) International Application No	:NA	MYLAPORE, CHENNAI - 600 004 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VISWANAATHA AYYAR SANKARAN
(61) Patent of Addition to Application Number	:NA	2)DR. DURAISAMY IYER RAMASWAMY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

A process for the production of modified fats consisting of adding of a known quantity of non-aqueous solution of caustic potash and caustic soda in propane 1,2,3 triol and propane 1,3 and 1,2 diols to the triglycerides sought to be inter/trans-esterified, heating gradually to 110 to 120 degrees centigrade under low vacuum and nitrogen splurging in a bleacher cum neutraliser or its laboratory equivalent for a period of about two hours till the absence of misting in the inspection window, destruction of the catalyst formed in situ in the reaction vessel, washing and drying under low vacuum and determination of slip point thereafter followed by usual bleaching and de-odorisation to obtain finished modified fats.

No. of Pages: 6 No. of Claims: 3

(22) Date of filing of Application :16/04/2013 (43) Publication Date: 11/09/2015

#### (54) Title of the invention: LED CURABLE COMPOSITIONS

(51) International :C08F216/12,C08F220/40,C08F2/50 classification

(31) Priority Document No :10188141.5

(32) Priority Date :20/10/2010 (33) Name of priority country: EPO

(86) International :PCT/EP2011/067309

Application No :04/10/2011

Filing Date

(87) International Publication :WO 2012/052291

(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)AGFA GEVAERT

Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72)Name of Inventor: 1)LOCCUFIER Johan

#### (57) Abstract:

A radiation curable composition including a) at least one monomer comprising at least one vinyl ether group and at least one (meth)acrylate group; and b) at least one diffusion hindered photoinitiator selected from the group consisting of a polymeric photoinitiator a multifunctional photoinitiator and a polymerizable photoinitiator characterized in that the diffusion hindered photoinitiator comprises at least one structural moiety according to Formula (I): wherein: R1 and R2 are independently selected from the group consisting of a hydrogen a substituted or unsubstituted alkyl group a substituted or unsubstituted alkenyl group a substituted or unsubstituted alkynyl group a substituted or unsubstituted aralkyl group a substituted or unsubstituted alkaryl group a substituted or unsubstituted aryl or heteroaryl group a halogen an ether a thioether an aldehyde a ketone an ester an amide an amine and a nitro group; R1 and R2 may represent the necessary atoms to form a five to eight membered ring; and the dotted line represents the covalent bond of the structural moiety according to Formula (I) to the diffusion hindered photoinitiator. An inkjet printing method using the radiation curable composition is also disclosed.

$$\bigcap_{S} \bigcap_{r_1}^F R^r$$

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

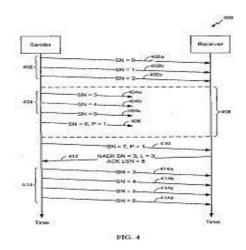
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SYSTEMS AND METHODS FOR IMPROVED RECOVERY FOR THE DOWNLINK

(51) International classification	:H04L1/16,H04W76/02	(71)Name of Applicant:
(31) Priority Document No	:13/332818	1)QUALCOMM INCORPORATED
(32) Priority Date	:21/12/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/071059	(72)Name of Inventor:
Filing Date	:20/12/2012	1)CHAKRAVARTHY Chetan G.
(87) International Publication No	:WO 2013/096677	2)DESAI Preyas D.
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Systems methods and devices for an improved recovery for the downlink are described herein. In some aspects delay and overhead associated with retransmission of data lost due to an interruption can be reduced and/or eliminated by configuring a receiver to generate and transmit status information following resumption from the interruption. The receiver can be configured to generate and transmit status information immediately upon resuming from the interruption. In some aspects the receiver can be configured to automatically generate and transmit status information independent of receiving a polling request from the sender. Status information can indentify at least last received user data prior to the interruption. In some aspects status information further identifies lost data due to the interruption.



No. of Pages: 44 No. of Claims: 57

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD FOR FILTERING TRAFFIC TO A PHYSICALLY TAGGED DATA 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 Number</li> <li>Filing Date</li> </ul>	:G06F12/10 :61/587140 :17/01/2012 :U.S.A. :PCT/US2013/021822 :17/01/2013 :WO 2013/109679 :NA :NA	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: ATTN: INTERNATIONAL IP ADMINISTRATION 5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor:  1)CLANCY Robert D  2)DIEFFENDERFER James Norris 3)SPEIER Thomas Philip
. ,		· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Embodiments of a data cache are disclosed that substantially decrease a number of accesses to a physically tagged tag array of the data cache are provided. In general the data cache includes a data array that stores data elements a physically tagged tag array and a virtually tagged tag array. In one embodiment the virtually tagged tag array receives a virtual address. If there is a match for the virtual address in the virtually tagged tag array outputs to the data array a way stored in the virtually tagged tag array for the virtual address. In addition in one embodiment the virtually tagged tag array disables the physically tagged tag array. Using the way output by the virtually tagged tag array a desired data element in the data array is addressed.

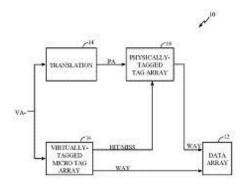


FIG. 1

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

(22) Date of filing of Application :22/06/2009 (43) Publication Date : 11/09/2015

# (54) Title of the invention: NOVEL RADIATION CURABLE COMPOSITIONS

(51) International classification	:C08F2/00	(71)Name of Applicant:
(31) Priority Document No	:06126858.7	1)AGFA GRAPHICS NV
(32) Priority Date	:21/12/2006	Address of Applicant :SEPTESTRAAT 27, B-2640
(33) Name of priority country	:EUROPEAN	MORTSEL Belgium
	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP07/64024	1)LOCCUFIER, JOHAN
Filing Date	:17/12/2007	2)CLAES, ROLAND
(87) International Publication No	:WO	3)VAN LUPPEN, JAYMES
	2008/074758 A1	
(61) Patent of Addition to Application Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

A radiation curable composition comprising a curable compound, a photo-initiator and a co-initiator characterized in that said co-initiator is represented by Formula I, wherein MA is the residue of a mono- or oligofunctional Michael acceptor; L is a divalent linking group positioning the two tertiary amines in a 1-3 to 1-10 position, with the proviso that both amines are aliphatic; Rl, R2 and R3 independently represent an optionally substituted alkyl group, an optionally substituted alkenyl group or an optionally substituted (hetero) alkaryl group; any two of Rl, R2 and R3 may represent the necessary atoms to form a ring; any two of Rl, R2 and R3 may represent the necessary atoms to form a ring with any of the atoms of the linking group L; n is an integer ranging from 1 to 6.

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

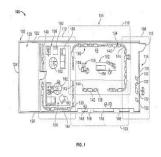
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: RETAIL MARKETING ENVIRONMENT

(51) International classification	:E04H1/00,E04H14/00	(71)Name of Applicant:
(31) Priority Document No	:61/581424	1)HEARTS ON FIRE COMPANY LLC
(32) Priority Date	:29/12/2011	Address of Applicant :99 Summer Street Boston MA 02110
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2012/071162	(72)Name of Inventor:
Filing Date	:21/12/2012	1)KOBE Tim
(87) International Publication No	:WO 2013/101709	2)CLARK Hilary
(61) Patent of Addition to Application	:NA	3)ELY Mike
Number	:NA	4)TAY Lucinda
Filing Date	.IVA	5)HERMAN David
(62) Divisional to Application Number	:NA	6)BAKER Sheldon
Filing Date	:NA	7)WISCO Angela

#### (57) Abstract:

Retail marketing environments of the present technology include retail stores and store layouts that provide a plurality of experience zones to guide a consumer through a purchasing experience. The first experience zone includes the front facade of the retail store and at least one window display case displaying merchandise that can be viewed through the front window. The second experience zone includes an interactive display that provides product information to consumers. The third experience zone includes at least one merchandise display area and at least one merchandise handling area. The fourth experience zone includes a plurality of interaction areas in which consumers can interact with store employees. A veil wall can be used to separate one or more of the experience zones.



No. of Pages: 22 No. of Claims: 20

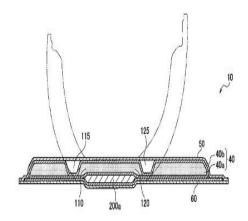
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: DISPOSABLE NAPPY

(51) International classification	:A61F13/49,A61F13/53	(71)Name of Applicant :
(31) Priority Document No	:2011255254	1)UNICHARM CORPORATION
(32) Priority Date	:22/11/2011	Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo
(33) Name of priority country	:Japan	shi Ehime 7990111 Japan
(86) International Application No	:PCT/JP2012/080183	(72)Name of Inventor:
Filing Date	:21/11/2012	1)SAKAGUCHI Satoru
(87) International Publication No	:WO 2013/077361	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A disposable nappy (10) is equipped with: a first bending part (110) which is formed on an absorbent body (40) and which extends along the width direction (W) of the product; a second bending part (120) which is formed on the absorbent body (40) which extends along the width direction (W) of the product and which is positioned closer to a back torso surrounding part than the first bending part (110); and a crotch part (200) formed between the first bending part (110) and the second bending part (120). In its natural state the disposable nappy (10) has a crotch part (200) which measures 30mm 150mm inclusive along the length direction (L) of the product.



No. of Pages: 52 No. of Claims: 13

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : AN ELECTROMECHANICAL ACTUATOR FOR AN AIRCRAFT CONTROL SURFACE AND AN AIRCRAFT PROVIDED WITH SUCH AN ACTUATOR

(51) International :F16H31/00,F16H35/00,B64C13/24

classification (31) Priority Document No :61/562736

(31) Priority Document No :61/562736 (32) Priority Date :22/11/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2012/073264

No Filing Date :21/11/2012

(87) International Publication :WO 2013/076158

No .v

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

(62) Divisional to Application
Number
Siling Date: NA

(71)Name of Applicant:

1)SAGEM DEFENSE SECURITE

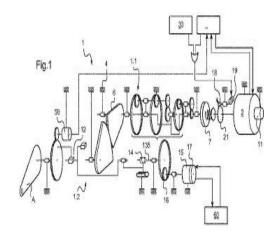
Address of Applicant :18 20 Quai du Point du Jour F 92100

Boulogne Billancourt France (72)Name of Inventor: 1)SENEGAS David 2)MEHEZ Jr'me 3)JESTIN Maxime

4)SEVAGEN Bertrand

#### (57) Abstract:

An electromechanical actuator for a movable flight control surface of an aircraft the actuator comprising an electric motor (2) having an outlet shaft (20) with first and second directions of rotation a movement transmission (1) arranged to connect the outlet shaft of the motor to the movable flight control surface and a control unit (3) for controlling the motor. The transmission incorporates a pawl device (18) arranged to oppose the transmission of movement in the first direction of rotation and the control unit is connected to a pawl declutching member (19) for declutching the pawl and enabling movement to be transmitted in the first direction of rotation.



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

(22) Date of filing of Application :01/11/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: A MINIATURISED BLOOD SERUM TRIGLYCERIDE MONITORING 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>	:G01N33/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS Address of Applicant: IIT P.O, CHENNAI 600 036 Tamil Nadu India (72)Name of Inventor: 1)ENAKSHI BHATTACHARYA 2)ANJU CHADHA 3)SHANTHI PAVAN 4)HAREESH VEMULACHEDU 5)MOHANASUNDARAM SULUR VEERAMANI 6)PRAKASH SHAYAM KARUPPIAH 7)NOEL PRASHANT RATCHAGAR
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#### (57) Abstract:

This invention relates to design and smart Triglyceride biosensors for clinical diagnosis using improved silicon based EISCAPs and to demonstrate the performance with blood serum with accurate determination of TGs, it with improvement the resolution and the stability of the device. A suitable enzyme immobilizing technique is followed to make the sensor specific to TG detection. It along with a suitable readout circuit to demonstrate the performance of the TG biochip with blood serum samples.

No. of Pages: 41 No. of Claims: 6

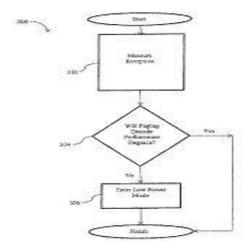
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHODS AND APPARATUS FOR IMPROVING POWER CONSUMPTION IN A WIRELESS NETWORK

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application</li> <li>Number Filing Date</li> <li>(62) Divisional to Application Number</li> </ul>	:H04W52/02 :61/597656 :10/02/2012 :U.S.A. :PCT/US2013/025598 :11/02/2013 :WO 2013/120083 :NA :NA	(71)Name of Applicant: 1)APPLE INC. Address of Applicant: 1 Infinite Loop Cupertino CA 95014 U.S.A. (72)Name of Inventor: 1)DEIVASIGAMANI Giri Prassad 2)NUKALA Gaurav 3)VASUDEVAN Srinivasan
(62) Divisional to Application Number Filing Date	:NA :NA	

#### (57) Abstract:

Methods and apparatus for power optimization in e.g. a wireless mobile device. In one embodiment the optimization is effected via intelligent idle mode current drain management. In an exemplary LTE cellular network context the user equipment (UE) only powers on its transceiver for a subset of Discontinuous Reception (DRX) cycles based on e.g. the quality of the radio environment power considerations location etc. For example if a UE has not moved and its radio reception quality is good the UE is likely to successfully receive a paging notification (i.e. without multiple attempts). Consequently the UE configures itself to receive only a single paging indication.



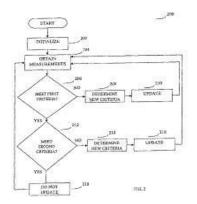
No. of Pages: 28 No. of Claims: 41

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHODS AND APPARATUS FOR POWER SAVING IN DISCONTINUOUS RECEPTION ADAPTIVE NEIGHBOR CELL SEARCH DURATION

#### (57) Abstract:

Methods and apparatus for adaptively adjusting temporal parameters (e.g. neighbor cell search durations). In one embodiment neighbor cell search durations during discontinuous reception are based on a physical channel metric indicating signal strength and quality (e.g. Reference Signal Received Power (RSRP) Received Signal Strength indication (RSSI) Reference Signal Receive Quality (RSRQ) etc.) of a cell. In a second embodiment neighbor cell search durations are based on a multitude of physical layer metrics from one or more cells. In one variant the multitude of physical layer metrics may include signal strength and quality metrics from the serving base station as well as signal strength and quality indicators from neighbor cells derived from the cells respective synchronization sequences.



No. of Pages: 40 No. of Claims: 27

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention: METHOD FOR MANUFACTURING MODIFIED POLYMER AND HYDROGEN ADDUCT **THEREOF**

(51) International classification :C08F6/06,C08F8/00,C08F12/04 (71) Name of Applicant:

:NA

(31) Priority Document No :2011267788 (32) Priority Date :07/12/2011

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2012/079306

Filing Date :12/11/2012 (87) International Publication No: WO 2013/084671

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

(62) Divisional to Application :NA Number

Filing Date

1)JSR CORPORATION

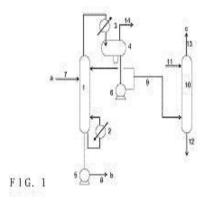
Address of Applicant: 9 2 Higashi Shinbashi 1 chome Minato

ku Tokyo 1058640 Japan (72) Name of Inventor: 1) UEBA Kentarou

> 2)OOTA Sadataka 3)SAKURA Yoshirou

#### (57) Abstract:

Provided is a method for manufacturing a modified polymer or hydrogen adduct thereof the method allowing components that inhibit polymerization to be removed and the remaining part to be reused as a polymerization solvent. The method involves manufacturing a modified polymer having at least one functional group in a main chain or a side chain obtained by polymerizing with a conjugate diene and/or aromatic vinyl compound as the monomer and an active organic metal as the polymerization initiator in the presence of a hydrocarbon based solvent that is used as the polymerization solvent; or manufacturing a hydrogen adduct of the modified polymer. The method comprises in sequence: (a) a solvent removal step for separating the reaction solution where the modified polymer or hydrogen adduct is dissolved in the polymerization solvent into a solvent fraction containing the hydrocarbon based solvent and a solid fraction containing the modified polymer or the like; (b) a low boiling fraction separating step for distilling the solvent fraction and separating the hydrocarbon based solvent from the low boiling fraction containing a silanol compound; and (c) a silanol removing step for removing at least a portion of the silanol compound from the low boiling fraction by liquid extraction using the low boiling fraction and an extraction solvent. Furthermore at least a portion of the extract solution where the silanol compound has been removed by liquid liquid extraction is reused as a polymerization solvent.



No. of Pages: 37 No. of Claims: 8

(21) Application No.5137/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BULB / LAMP REMOVING AND FIXING DEVICE

Filing Date :NA 2)SHWETA SHARMA	<ul><li>(51) International classification</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>	:H01J61/00 :NA :NA :NA :NA	(71)Name of Applicant:  1)GAUTHAM PRAVEEN A  Address of Applicant: PLOT NO: 76, MAIN STREET,  BALAJI AVENUE, THATCHANALLUR, TIRUNELVELI - 627  358 Tamil Nadu India
(87) International Publication No NA (72) Name of Inventor •	Filing Date	:NA	2)SHWETA SHARMA
(61) Patent of Addition to Application Number :NA 1)GAUTHAM PRAVEEN	(87) International Publication No (61) Patent of Addition to Application Number	: NA :N 4	(72)Name of Inventor:
Filing Date :NA 2)SHWETA SHARMA	· /		
(62) Divisional to Application Number :NA Filing Date :NA			

### (57) Abstract:

A bulb/lamp removing and fixing device (101) is disclosed. Said device comprises a longitudinal shaft (102) having a trailing end (104) and leading end (108); a hand grip (103) that is fixed at the trailing end (104) of the longitudinal shaft (102); a lever(105) that is fixed adjacent to the hand grip (103) on the longitudinal shaft (102); a L shaped extension rod (107) having a top end (110) and a bottom end (109), wherein the bottom end (109) is fixed at the leading end (108) of the longitudinal shaft (102); and a bulb/lamp gripping mechanism (201), said bulb/lamp gripping mechanism (201) is fixed at the top end of the L shaped extension rod (107); and a lever cable (106) that is running between the lever (105) and the bulb/lamp gripping mechanism (201). Figure to be included with abstract: [Figure 1]

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

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : AUTOMATIC DEPTH SCROLLING AND ORIENTATION ADJUSTMENT FOR SEMI AUTOMATED PATH PLANNING

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
:A61B19/00,G06T19/0
:61/566609
:03/12/2011
:U.S.A.
:PCT/IB2012/056781
:28/11/2012

(87) International Publication No :WO 2013/080131 (61) Patent of Addition to Application

Number

Filing Date

(62) Divisional to Application Number

NA

:NA

:NA

:NA

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

:A61B19/00,G06T19/00 (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)WIEMKER Rafael 2)LU Kongkuo

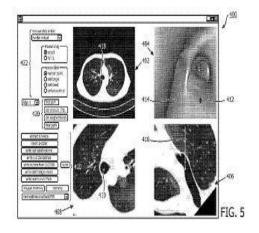
3)XU Sheng

4)KLINDER Tobias

5)BERGTHOLDT Martin

### (57) Abstract:

A planning tool system and method include a processor (114) and memory (116) coupled to the processor which stores a planning module (144). A user interface (120) is coupled to the processor and configured to permit a user to select a path through a pathway system (148). The planning module is configured to upload one or more slices of an image volume (111) corresponding to a user controlled cursor point (108) guided using the user interface such that as the path is navigated the one or more slices are updated in accordance with a depth of the cursor point in the path.



No. of Pages: 35 No. of Claims: 29

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: COIL ARRANGEMENT FOR MPI

(51) International classification :G01R33/38,H01F7/06,A61B5/05 (71)Name of Applicant : (31) Priority Document No :61/566034

(32) Priority Date :02/12/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/IB2012/056803 No

:28/11/2012 Filing Date

(87) International Publication :WO 2013/080145

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

(62) Divisional to Application :NA Number :NA

Filing Date

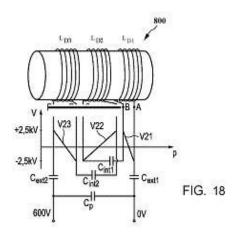
### 1)KONINKLIJKE PHILIPS N.V.

Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor: 1)SCHMALE Ingo

### (57) Abstract:

The present invention relates to a coil arrangement in particular for use in a magnetic particle imaging apparatus (100) comprising a coil split into at least two coil segments wherein the winding direction is inverted between at least one coil segment to another coil segment and a capacitor coupled between at least two adjacent coil segments. Further the present invention relates to such a magnetic particle imaging apparatus in particular an apparatus (100) for influencing and/or detecting magnetic particles in a field of view (28) which apparatus comprises selection means and drive means (120) wherein at least one drive field coil and/or at least one selection field coil representing a selection field element is implemented by a coil arrangement as proposed according to the present invention.



No. of Pages: 57 No. of Claims: 15

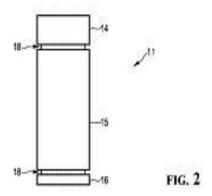
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : DETECTION APPARATUS COMPRISING TWO SCINTILLATORS FOR DETECTING X RAY RADIATION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:G01T1/20 :61/566185 :02/12/2011 :U.S.A. :PCT/IB2012/056663 :23/11/2012 :WO 2013/080104 :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)R-SSL Ewald 2)THRAN Axel 3)PROKSA Roland
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

Detection apparatus for detecting radiation The invention relates to a detection apparatus for detecting radiation. The detection apparatus comprises at least two scintillators (14 15) having different temporal behaviors each generating scintillation light upon reception of radiation wherein the generated scintillation light is commonly detected by a scintillation light detection unit (16) thereby generating a common light detection signal. A detection values determining unit determines first detection values by applying a first determination process and second detection values by applying a second determination process which is different to the first determination process on the detection signal. The first determination process includes frequency filtering the detection signal. Since the scintillation light of the different scintilla tors is collectively detected by the same scintillation light detection unit detection arrangements with for example side looking photodiodes for separately detecting the different scintillation light of the different scintillators are not necessarily required thereby reducing the technical complexity of the detection apparatus.



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

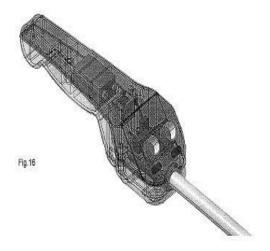
(22) Date of filing of Application :13/12/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: ELECTRONIC STICK FOR VISUALLY CHALLENGED PEOPLE

<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> </ul>	:NA :NA :NA :NA :NA : NA : NA :NA	(71)Name of Applicant: 1)SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN Address of Applicant: VISHNUPUR, BHIMAVARAM, 534 202, WEST GODAVARI DISTRICT Andhra Pradesh India (72)Name of Inventor: 1)MRS. KALLURU PADMA VASAVI 2)DR. GAJULA SRINIVASA RAO
(62) Divisional to Application Number	:NA :NA	

### (57) Abstract:

A solution is provided for the problems of the blind in which guidance for navigating from a source to a destination is required. The E-Stick presents an embedded solution which is an integral part of the navigational aid for guiding the visually challenged people. It uses Ultrasonic Sensors to detect the obstructions which are above the knee height of the user. A piezo electric buzzer alerts the user by a beep tone immediately after an obstacle is identified by the ultrasonic sensor. The electronic compass helps him in providing assistance for navigation in closed indoor spaces. The RFID system is used to assist the visually challenged person in reaching his destination point in a huge indoor environment. Fig 16



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

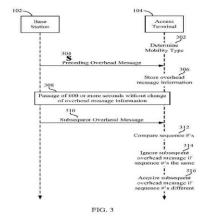
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : DEVICES AND METHODS FOR FACILITATING OVERHEAD MESSAGE UPDATES IN WIRELESS COMMUNICATIONS SYSTEMS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Potent of Addition to Application</li> </ul>	:H04W52/02 :61/584768 :09/01/2012 :U.S.A. :PCT/US2013/020861 :09/01/2013 :WO 2013/106453	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International Ip Administration  5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.  (72)Name of Inventor:  1)PATWARDHAN Ravindra Manohar  2)ATTAR Rashid Ahmed Akbar
<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 2013/106453 :NA :NA :NA :NA	2)ATTAR Rashid Ahmed Akbar

### (57) Abstract:

Access terminals are adapted to facilitate reception of overhead messages. According to one example an access terminal can determine whether it is at least substantially stationary. The access terminal may receive one or more sequence numbers corresponding to a subsequent overhead message. In response to being at least substantially stationary the access terminal can ignore the subsequent overhead message when the corresponding sequence numbers are the same as stored sequence numbers corresponding to a previously obtained overhead message even when the previously obtained overhead message is more than six hundred seconds old. According to another example a network node may transmit an overhead message including a corresponding sector indicator and sequence numbers. When the sector indicator and the sequence numbers are the same as a previously received and stored sector indicator and sequence numbers the access terminal can ignore the overhead message. Other aspects embodiments and features are also included.



No. of Pages: 46 No. of Claims: 51

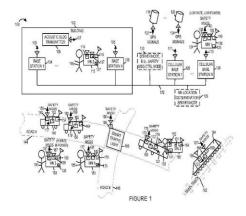
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHODS AND APPARATUS FOR CONTROLLING THE TRANSMISSION AND/OR RECEPTION OF SAFETY MESSAGES BY PORTABLE WIRELESS USER DEVICES

(51) International classification	:H04W4/04,G08G1/16	(71)Name of Applicant:
(31) Priority Document No	:61/589853	1)QUALCOMM INCORPORATED
(32) Priority Date	:23/01/2012	Address of Applicant : Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2013/022721	(72)Name of Inventor:
Filing Date	:23/01/2013	1)SUBRAMANIAN Sundar
(87) International Publication No	:WO 2013/112565	2)WU Xinzhou
(61) Patent of Addition to Application	.NT A	3)LI Junyi
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

#### (57) Abstract:

Safety message monitoring operations and/or safety message transmission operations are controlled for a mobile wireless communications device. The periodicity with regard to safety message monitoring and/or safety message transmissions is varied based on the environment of the mobile wireless device. The transmission power level with regard to safety message transmissions is varied based on the environment of the mobile wireless device. In some embodiments safety message monitoring and transmission operations are disabled when the mobile device is determined to be inside a building or inside a vehicle. In some embodiments safety message monitoring rate and safety message transmission rate is varied as a function of proximity to vehicular traffic and/or the level of detected vehicular traffic and/or the level of detected vehicular traffic and/or the level of detected vehicular traffic.



No. of Pages: 59 No. of Claims: 19

(21) Application No.4527/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

# (54) Title of the invention : METHODS AND APPARATUS FOR REDUCING AND/OR ELIMINATING THE EFFECTS OF SELF INTERFERENCE

(51) International :H04J11/00,H04L25/02,H04L27/26

classification (21) Printing Property (1) (2001)

(31) Priority Document No :61/589911 (32) Priority Date :24/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/022990

No Filing Date :14/01/2013

(87) International Publication

:WO 2013/112735

(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)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.

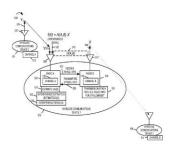
(72)Name of Inventor:

1)SUBRAMANIAN Sundar

2)WU Xinzhou 3)LI Junyi

### (57) Abstract:

Methods and apparatus for reducing and/or eliminating the effect of self interference are described. Various described methods and apparatus are well suited for use in DSRC WAVE systems in which a wireless communications device may acquire and use two DSRC channels e.g. use one channel for reception while using another channel for transmission at the same time. A wireless communications device which is receiving a signal of interest on a first channel supports concurrent transmission on second channel e.g. an adjacent channel. Controlled transmission timing synchronization with respect to the received signal of interest facilitates interference estimation and removal. Interference due to spillover energy from the transmission on the adjacent channel is estimated and removed from a received signal to facilitate recovery of the signal of interest.



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

(22) Date of filing of Application :23/12/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: V.P.A.L.S. SYSTEM (VAPOR PROTECTED ACID LEVEL SENSOR SYSTEM)

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant:  1)VAYALOMBRAM. MANIYATH. UNMESH Address of Applicant: (P.O), KADIRUR, (DT), KANUR, PIN
<ul><li>(33) Name of priority country</li><li>(86) International Application No</li></ul>	:NA :NA	- 670 642 Kerala India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)VAYALOMBRAM. MANIYATH. UNMESH
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

### (57) Abstract:

Vapor Protected Acid level Sensor System: It is used to protect led-acid batteries from low acid burning, and the system can work under acid vapor conditions. In Vapor Protected Acid Level Sensor System, all the electronic and electrical and magnet components metal parts are covered with insulated materials like, hot melted glue stick, Melted Plastic, Aquarium silicone sealant, glass, Or covered electronic circuit with insulating box made of like plastic or rubber or glass. In drawing sheet 1, figure 1, shows the details about the circuit Permanent magnet (PM), Moving arm (MA), Light Emitting Diode(LED) Reed Switch(RW), Resister (Rl), Logic Signal output (o/p), Supply Voltage (SV). So the system will long last, and the will work accurately.

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

(21) Application No.3943/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :03/09/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS FOR THE PREPARATION OF LAMIVUDINE

<ul><li>(51) International classification</li><li>(31) Priority Document No</li><li>(32) Priority Date</li></ul>	:C07D411/00 :NA :NA	(71)Name of Applicant:  1)AUROBINDO PHARMA LTD  Address of Applicant: THE WATER MARK BUILDING,
(33) Name of priority country	:NA	PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY,
(86) International Application No	:NA	HYDERABAD - 500 081 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MADHAVA RAM PRASAD GATTUPALLI
(61) Patent of Addition to Application Number	:NA	2)BATHULA YAKAIAH
Filing Date	:NA	3)SUBBA REDDY ANNAPUREDDY
(62) Divisional to Application Number	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

### (57) Abstract:

The present invention relates to an improved process for preparing pure Lamivudine of Formula I, which comprises treating Lamivudine (I) with hydrochloric acid to give Lamivudine hydrochloride salt (VIII); optionally isolating Lamivudine hydrochloride salt (VIII), desalifying the Lamivudine hydrochloride salt (VIII) to give Lamivudine; and isolating pure Lamivudine (I).

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

(22) Date of filing of Application :03/06/2013 (43) Publication Date: 11/09/2015

### (54) Title of the invention: COLOUR LASER MARKING METHODS OF SECURITY DOCUMENTS

(51) International :B41M5/337,B41M5/323,B41M5/30 classification

(31) Priority Document No :10193896.7 (32) Priority Date :07/12/2010

(33) Name of priority country: EPO

(86) International :PCT/EP2011/071836

Application No :06/12/2011 Filing Date

(87) International Publication :WO 2012/076488

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)AGFA GEVAERT

Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72) Name of Inventor: 1)VAN AERT Hubertus

2) GEUENS Ingrid 3)CALLANT Paul 4)WAUMANS Bart

### (57) Abstract:

A security document precursor including in order: a) at least one transparent biaxially stretched polyester foil; b) one colourless colour forming layer containing at least an infrared absorber a colourless dye precursor and a polymeric binder; and c) a polymeric support; wherein the polymeric binder is copolymer including at least 90 wt% of a chlorinated ethylene and 1 wt% to 10 wt% of vinyl acetate both based on the total weight of the binder. Methods for making the security document precursor are also disclosed.

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

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SECURITY DOCUMENTS AND COLOUR LASER MARKING METHODS FOR SECURING THEM

(51) International classification	:B41M5/30,B42D15/10	(71)Name of Applicant:
(31) Priority Document No	:10193894.2	1)AGFA GEVAERT
(32) Priority Date	:07/12/2010	Address of Applicant :IP Department 3622 Septestraat 27 B
(33) Name of priority country	:EPO	2640 Mortsel Belgium
(86) International Application No	:PCT/EP2011/071605	(72)Name of Inventor:
Filing Date	:02/12/2011	1)WAUMANS Bart
(87) International Publication No	:WO 2012/076406	2)GEUENS Ingrid
(61) Patent of Addition to Application	:NA	3)CALLANT Paul
Number	:NA	4)VAN AERT Hubertus
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A security document precursor including in order at least: a) a transparent biaxially stretched polyethylene terephthalate foil; b) a colourless colour forming layer containing at least an infrared absorber a colour forming component and a polymeric binder; and c) a polymeric support; wherein the colourless colour forming layer contains at least one component forming a compound having a melting temperature of less than 20°C upon laser marking the colourless colour forming layer with an infrared laser. Methods for securing a security document using the security document precursor are also disclosed.

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

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MUD DEFLECTOR FOR A A SCOOTER TYPE VEHICLE

(51) International classification	:B62J15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)YOGESH CHANDRAKANT KOTNIS
(61) Patent of Addition to Application Number	:NA	2)MEGANATHAN MOHANKUMAR
Filing Date	:NA	3)KUMARI NISHA GUPTA
(62) Divisional to Application Number	:NA	4)VENKADASAMY GANESH
Filing Date	:NA	

### (57) Abstract:

Disclosure provided above describes a mud deflector for a steering race set of a scooter. Said mud deflector is mounted on the joining bracket of the front and rear portion of the front fender. It is protecting steering race set of the scooter from the splashed mud and water coming from rear side of the front wheel. Mud deflector is an open structure that has a primary surface and multiple secondary surfaces. Said secondary surfaces are extending away from the vertical edges of the primary surface. One of the secondary surfaces has a relief provided for the brake cable such that damage from vertical to and fro motion of the brake cable can be prevented. Mounting hooks on the mud deflector are linked to the corresponding mounting locations provided on the joining bracket of the front fender.

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

(21) Application No.9387/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/11/2013 (43) Publication Date: 11/09/2015

### (54) Title of the invention: COLOUR LASER MARKING OF ARTICLES AND SECURITY DOCUMENTS

(51) International :B41M3/14,B41M5/26,B41M5/337

classification

(31) Priority Document No :11170294.0 (32) Priority Date :17/06/2011 (33) Name of priority country: EPO

(86) International Application :PCT/EP2012/058612

:10/05/2012 Filing Date

(87) International Publication

:WO 2012/171728

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71) Name of Applicant: 1)AGFA GEVAERT

Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72) Name of Inventor: 1)WAUMANS Bart 2)CALLANT Paul

### (57) Abstract:

A method for preparing a colour laser marked article comprising the steps of: a) infrared laser marking a security element including a polymeric support and a colour forming layer comprising a colour forming compound an infrared dye and a polymeric binder comprising vinyl acetate and at least 85 wt% of vinyl chloride based on the total weight of the binder; and b) exposing the laser marked security element with light having a wavelength higher than 440 nm. The light exposure of step b) hinders the falsification of an issued security document without significant increase of background density.

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

(21) Application No.240/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention : METHOD OF DETERMINING THE SPATIAL RESPONSE SIGNATURE OF A DETECTOR IN COMPUTED RADIOGRAPHY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:10169607.8 :15/07/2010 :EPO :PCT/EP2011/060677 :27/06/2011 :WO 2012/007264	(71)Name of Applicant:  1)AGFA HEALTHCARE Address of Applicant :IP Department 3802 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor: 1)CRESENS Marc 2)VAN GOUBERGEN Herman
` '	:WO 2012/007264 :NA :NA :NA :NA	2)VAN GOUBERGEN Herman

### (57) Abstract:

Method of determining the spatial response signature of a x ray detector comprising a photostimulable phosphor by generating a flat field image of the detector generating a low pass filtered version of the flat field image and background demodulating the flat field image by pixel wise dividing it by means of corresponding pixel values in the low pass filtered version.

No. of Pages: 22 No. of Claims: 11

(21) Application No.5845/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/12/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: FLOW REGULATOR FOR MULTI-FEED FLUID MANIFOLDS

(51) International classification	:F28D1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. SREENIVAS JAYANTI
(87) International Publication No	: NA	2)A RAMESH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a novel robust flow regulator for a multi-feed fluid manifolds. Hie invention makes use of optimally located guide vanes to achieve a desired flow distribution in a blowing manifold. The said flow regulator enables equal or desired flow distribution surrounded by a number of flow paths in a multi-feed manifold. The flow regulator of the invention and related methods can be applied in several cases of a varied area for flow distribution.

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

(22) Date of filing of Application :07/03/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention : LOW COST OPERATING MECHANISM TO OPEN AND CLOSE THE COLLAPSIBLE WIND FRICTION REDUCTION ATTACHMENTS OF BIKE

(51) International classification :B62J17/0 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant:  1)DOMMARAJU. KRISHNA MOHAN RAJU Address of Applicant: 6/839-B, SARASWATHIPURAM, RAJAMPET - 516 115, KADAPA (DT) Andhra Pradesh India 2)DR. G. JAYACHANDRA REDDY 3)DR. B. SUDHEER PREM KUMAR 4)DR. K. VIJAY KUMAR REDDY (72)Name of Inventor: 1)DOMMARAJU. KRISHNA MOHAN RAJU 2)DR. G. JAYACHANDRA REDDY 3)DR. B. SUDHEER PREM KUMAR 4)DR. K. VIJAY KUMAR REDDY
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#### (57) Abstract:

To protect the Bike rider & co-passenger from bad weather and to reduce the coefficient of wind friction of Bike, collapsible wind friction reduction attachments are designed in the earlier inventions. In the present invention a low cost operating mechanism is designed to open and close the collapsible wind friction reduction attachments of Bike. In this operating mechanism, the forward / backward movement of one Pneumatic/ Hydraulic cylinder causes the all side panels and rear panels to close / open. Thereby the no. of precision hydraulic/pneumatic cylinders requirement is reduced to one cylinder. Because of that the initial cost of the mechanism is reduced.

No. of Pages: 21 No. of Claims: 8

(22) Date of filing of Application :07/03/2014

(43) Publication Date: 11/09/2015

# (54) Title of the invention: LOW COST OPERATING MECHANISM TO SLIDE THE FRONT PORTION GLASSES OF VEHICLE PROVIDED WITH COLLAPSIBLE WIND FRICTION REDUCTION ATTACHMENTS FOR BETTER VISIBILITY

(51) International classification :B62D3 (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)DOMMARAJU. KRISHNA MOHAN RAJU Address of Applicant: 6/839-B, SARASWATHIPURAM, RAJAMPET - 516 115, KADAPA (DT) Andhra Pradesh India 2)DR. G. JAYACHANDRA REDDY 3)DR. B. SUDHEER PREM KUMAR 4)DR. K. VIJAY KUMAR REDDY (72)Name of Inventor: 1)DOMMARAJU. KRISHNA MOHAN RAJU 2)DR. G. JAYACHANDRA REDDY 3)DR. B. SUDHEER PREM KUMAR 4)DR. K. VIJAY KUMAR REDDY
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### (57) Abstract:

A low cost automatic operating mechanical system is designed to slide the top half glasses of front collapsible attachments and part of vehicle front glass of vehicle during closed condition and open condition of attachments by utilizing the power supplied to open and close the front portion attachments frames. This mechanical system function is to provide the better visibility for the driver during both open and closed condition of collapsible wind friction reduction attachments provided to the bluff body vehicles for better fuel economy and to increase the speed of vehicle without increasing the engine capacity.

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

(21) Application No.4490/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : A DISPERSION COMPRISING METALLIC METAL OXIDE OR METAL PRECURSOR NANOPARTICLES A POLYMERIC DISPERSANT AND A SINTERING ADDITIVE

(51) International classification	:H01B1/20,C09D11/00	(71)Name of Applicant:
(31) Priority Document No	:11194790.9	1)AGFA GEVAERT
(32) Priority Date	:21/12/2011	Address of Applicant :IP Department 3622 Septestraat 27 B
(33) Name of priority country	:EPO	2640 Mortsel Belgium
(86) International Application No	:PCT/EP2012/075936	(72)Name of Inventor:
Filing Date	:18/12/2012	1)ANDRE Xavier
(87) International Publication No	:WO 2013/092576	2)BOLLEN Dirk
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to conductive compositions comprising a specific carboxylic acid as sintering additive. It further relates to a method to prepare such compositions. The compositions of the present invention allow a reduction of the curing time and/or a lowering of the curing temperature when applied to a substrate. Thus the present invention also relates to a process for curing said conductive compositions and to coated layers or patterns thereof. The present invention is useful to apply conductive compositions on various substrates including thermo sensitive substrates having a melting point below 200°C and to speed up processes for making conductive layers and/or patterns by substantially reducing the curing times.

No. of Pages: 42 No. of Claims: 15

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: A CLEANING TOOL AND A METHOD FOR TREATING AN INNER SURFACE OF A CASING

(51) International classification :E21B37/00,E21B27/02,E21B37/06

(31) Priority Document No :11191284.6 (32) Priority Date :30/11/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2012/073914

No :29/11/2012

Filing Date .29/11/201

(87) International Publication :WO 2013/079572

No (61) Patent of Addition to

Application Number :NA
Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(71)Name of Applicant:

1)WELLTEC A/S

Address of Applicant: Gydevang 25 DK 3450 Aller d

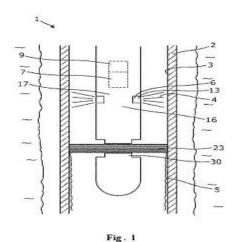
Denmark

(72)Name of Inventor:

1)HALLUNDB†K J.rgen

# (57) Abstract:

The present invention relates to a cleaning tool for cleaning and treating an inner surface of a downhole casing. The cleaning tool comprises a tool housing a mechanical cleaning tool section comprising mechanical cleaning elements for releasing elements of the inner surface of the casing in order to clean the casing to become substantially free from rigid debris and other precipitated materials and a jetting tool section for ejecting an enzyme containing fluid onto the cleaned inner surface. The jetting tool section comprises a fluid chamber comprising the enzyme containing fluid and a nozzle head comprising at least one nozzle. The invention further relates to a method for treating an inner surface of a casing by means of the cleaning tool.



No. of Pages: 26 No. of Claims: 14

(21) Application No.4492/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: VEHICLE CONTROL DEVICE

(51) International :F16H61/02,F02D29/00,F02D29/02 classification

(31) Priority Document No :2011253670

(32) Priority Date :21/11/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/070607

:13/08/2012 Filing Date

(87) International Publication

:WO 2013/077041

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

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

Filing Date

(71)Name of Applicant: 1)UD Trucks Corporation

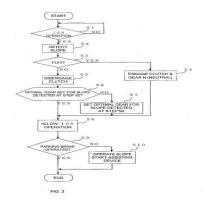
Address of Applicant: 1 Oaza Itchome Ageo shi Saitama

3628523 Japan

(72)Name of Inventor: 1)KANEKO Kunihiro

(57) Abstract:

The purpose of the present invention is to provide a vehicle control device which does not require a complicated operation to start the engine even when an idle stop function has been executed. To this end the present invention includes a mechanical automatic transmission an idle stop device (1) for stopping the engine when the vehicle is stopped a slope detection device (2) for detecting the slope of the road and a control unit (10) and is characterized in that the control unit (10) has a function for disengaging the clutch and selecting a gear appropriate for the detected slope when the slope detected by the slope detection device (2) is at or above a threshold value and an idle stop device (1) operation has been requested.



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

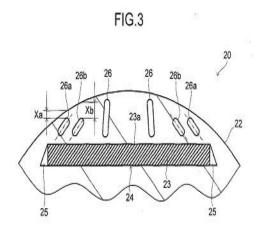
(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: PERMANENT MAGNET MOTOR

(51) International classification	:H02K1/27	(71)Name of Applicant:
(31) Priority Document No	:2011281044	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:22/12/2011	Address of Applicant :22 22 Nagaike Cho Abeno Ku Osaka
(33) Name of priority country	:Japan	Shi Osaka 5458522 Japan
(86) International Application No	:PCT/JP2012/079608	(72)Name of Inventor:
Filing Date	:15/11/2012	1)SUGIYAMA Akira
(87) International Publication No	:WO 2013/094349	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

A permanent magnet motor (1) is provided with: a permanent magnet (23) embedded into a rotor (20) so as to come close to the outer circumferential surface of the rotor (20) at two locations on the edge said locations corresponding to each side of a square in which the axial center of the rotor (20) functions as the center; and slits (26) which are disposed between the permanent magnet (23) and the outer circumferential surface of the rotor (20) and are arranged at an interval along the permanent magnet (23) and of which the cross sectional shape forming a right angle with the axial line direction of the rotor is a lengthwise shape extending from the side of the permanent magnet towards the outer circumferential surface of the rotor. With regard to the slits (26a 26b) in the vicinity of the edges including the slits disposed in correspondence with the edges of the permanent magnet (23) the lengthwise directions of the cross section of the slits are roughly parallel to one another and the distances (Xa Xb) between the outer circumferential surface of the rotor (20) and the edge of the slits on the side of the outer circumferential surface of the rotor are different.



No. of Pages: 31 No. of Claims: 3

(21) Application No.4510/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: PROCESS FOR REDUCING THE TOTAL ORGANIC CARBON OF AQUEOUS 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> <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>	:C01D3/14,C02F1/76 :11194209.0 :19/12/2011 :EPO :PCT/EP2012/075211 :12/12/2012 :WO 2013/092338 :NA :NA :NA	(71)Name of Applicant:  1)SOLVAY SA  Address of Applicant: Rue de Ransbeek 310 B 1120 Bruxelles Belgium (72)Name of Inventor:  1)FOUCHET Bruno
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### (57) Abstract:

Process for reducing the Total Organic Carbon of a first aqueous composition (A) comprising submitting (A) to a treatment with active chlorine at a first pH value in order to obtain a second aqueous composition (B) submitting at least one part of (B) to a venting treatment at a second pH value lower than the first pH value in order to obtain a third aqueous composition (C) and submitting at least one part of (C) to a treatment with active chlorine at a third pH value lower than the second pH value in order to obtain a fourth aqueous composition (D) with a Total Organic Carbon lower than the Total Organic Carbon of (A).

No. of Pages: 22 No. of Claims: 58

(22) Date of filing of Application :01/11/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: LIGHT WEIGHT MULTIPURPOSE SOLAR POWERED ELECTRIC VEHICLE

(51) International classification	:H01L31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMRITA VISHWA VDYAPEETHAM
(32) Priority Date	:NA	Address of Applicant : AMRITAPURI, CLAPPANA PO,
(33) Name of priority country	:NA	KOLLAM - 690 525 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)UDUPA, DR. GANESH
(87) International Publication No	: NA	2)MURUGAPPAN, SHANMUGAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		I

### (57) Abstract:

ABSTRACT LIGHT WEIGHT MULTIPURPOSE SOLAR POWERED ELECTRIC VEHICLE • 5 The present invention provides a light-weight multipurpose solar powered electric vehicle (2). The vehicle (2) optimizes the capture and storage of solar radiation incident (1) on it by having multiple flexible or rotatable solar panels (3) fixed all over its body wherever possible. These solar panels (3) may be fixed on small frames, which may be independent and 10 fixed over the body of the vehicle (2). Alternatively, the panels may be fixed on the body frame of the vehicle (2) itself. The contour of the vehicle (2) body is designed to accommodate multiple positions relating to the inclination or extension of the solar panels (3) without affecting the safety of passengers in the vehicle (2) or passers-by on the road irrespective of the 15 vehicle being stationary or in operation mode.

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

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: HYDRAULIC CONTROL DEVICE AND CONSTRUCTION MACHINE WITH SAME

(51) International classification :B62D5/07,E02F9/22,F15B11/00 (71) Name of Applicant:

(31) Priority Document No :2011269293 (32) Priority Date :08/12/2011 (33) Name of priority country :Japan

(86) International Application :PCT/JP2012/007710

:30/11/2012 Filing Date

(87) International Publication No:WO 2013/084456

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)KAWASAKI JUKOGYO KABUSHIKI KAISHA

Address of Applicant: 1 1 Higashikawasaki cho 3 chome Chuo

ku Kobe shi Hyogo 6508670 Japan 2)KABUSHIKI KAISHA KCM

(72)Name of Inventor:

1)ITO Makoto

2)YAMAMOTO Rvo 3)FUJIYAMA Kazuto 4)KODERA Hiroyasu 5)TANAKA Shinichiro

### (57) Abstract:

A hydraulic control device (10) is provided with: a hydraulic pump (30) to which steering cylinders (18L 18R) and boom cylinders (22) are connected in parallel; a steering control valve (34) which controls the direction of hydraulic oil flowing to the steering cylinders (18L 18R); and a boom control valve (44) which when set to a neutral position connects the hydraulic pump (30) to a tank (48) and which when set to an offset position controls the direction of hydraulic oil flowing to the boom cylinders (22). The hydraulic control device (10) is also provided with: a meter in compensator (33) which according to pressures across the variable throttle (37) of the steering control valve (34) increases the rate of flow which is caused to flow to the steering control valve (34); and a bleed off compensator (42) which in response to an increase in the pressure of hydraulic oil caused to flow to the steering cylinders (18L 18R) reduces the rate of flow caused to flow to the boom control valve (44) and maintains hydraulic pressure in the steering control circuit (31) at a predetermined pressure.

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

(22) Date of filing of Application :04/10/2012 (43) Publication Date: 11/09/2015

### (54) Title of the invention: PET C BASED SECURITY LAMINATES AND DOCUMENTS

(51) International :B29C55/02,B32B27/36,B42D15/10 classification

(31) Priority Document No :10159283.0 (32) Priority Date :08/04/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/054677

:28/03/2011

Filing Date

(87) International Publication :WO 2011/124485

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

:NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date (57) Abstract:

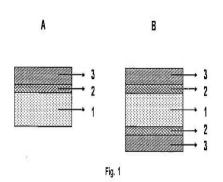
(71)Name of Applicant: 1)AGFA GEVAERT

Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72) Name of Inventor: 1) **GEUENS** Ingrid 2)WAUMANS Bart

3)DRIEGHE Vera

A method of preparing a security laminate including the steps of: a) providing a polyethylene terephthalate substrate (1); b) stretching the polyethylene terephthalate substrate in either a longitudinal or a transversal direction; c) coating and drying a first coating composition (2) on the stretched polyethylene terephthalate substrate; d) stretching the coated polyethylene terephthalate substrate in the longitudinal or transversal direction not selected in step b) in order to obtain a coated biaxially stretched polyethylene terephthalate substrate having a layer of the first coating composition with a dry thickness between 50 nm and 400 nm; e) coating and drying a second coating composition (3) on top of the dry layer on the biaxially stretched substrate wherein the first coating composition contains a copolymer selected from the group consisting of a hydroxyl functional partially hydrolyzed vinyl chloride/vinyl acetate copolymer and a polyester urethane copolymer; and wherein the second coating composition contains a hydroxyl functional partially hydrolyzed vinyl chloride/vinyl acetate copolymer. Security laminates and security documents containing them are also disclosed.



No. of Pages: 27 No. of Claims: 15

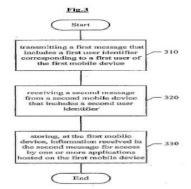
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: MOBILE AD HOC NETWORKING

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:G06Q50/30 :13/316336 :09/12/2011 :U.S.A. :PCT/US2012/068161 :06/12/2012 :WO 2013/086129 :NA :NA :NA	(71)Name of Applicant:  1)FACEBOOK INC.  Address of Applicant:1601 Willow Road Menlo Park CA 94025 U.S.A. (72)Name of Inventor:  1)WISEMAN Joshua 2)GARCIA David Harry 3)TOKSVIG Michael John Mckenzie
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### (57) Abstract:

In one embodiment a method comprising by one or more computing devices transmitting from a first mobile device a first message that includes a first user identifier corresponding to a first user of the first mobile device wherein the first user identifier corresponds to a user account of the first user in a social networking system receiving at the first mobile device one or more second messages that includes a second user identifier corresponding to a second mobile device within a direct radio connectivity of the first mobile device wherein the second user identifier corresponds to a respective user account of a second user in the social networking system and storing at the first mobile device information received in the second message for access by one or more applications hosted on the first mobile device.



No. of Pages: 31 No. of Claims: 20

(21) Application No.4497/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SYRINGE CARRIER

(51) International classification	:A61M5/24,A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:11192590.5	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:08/12/2011	Address of Applicant :Br¼ningstrae 50 65929 Frankfurt am
(33) Name of priority country	:EPO	Main Germany
(86) International Application No	:PCT/EP2012/074469	(72)Name of Inventor:
Filing Date	:05/12/2012	1)HOURMAND Yannick
(87) International Publication No	:WO 2013/083615	2)JENNINGS Douglas Ivan
(61) Patent of Addition to Application	:NA	3)EKMAN Matthew
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

# (57) Abstract:

Described is a syringe carrier (1) comprising a body (1.1) adapted to receive a barrel (2.1) of a syringe (2). The body (1.1) includes an annular groove (1.19) formed in a distal end and adapted to receive a circlip (8) disposed in a circumferential gap between the barrel (2.1) of the syringe (2) and a needle shield (4) covering a needle (3) of the syringe (2).



No. of Pages: 34 No. of Claims: 8

(21) Application No.4498/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: ANTICANCER FUSION PROTEIN

(51) International classification :A61K38/00,C07K14/705,C07K14/52

(31) Priority Document No: P.397167

(32) Priority Date :28/11/2011 (33) Name of priority

country :Poland

(86) International :PCT/IB2012/056806

Application No :28/11/2012

Filing Date :28/11/2012

(87) International Publication No :WO 2013/080147

(61) Patent of Addition to :NA

Application Number :NA

Filing Date
(62) Divisional to
Application Number

NA

Filing Date :NA

(71)Name of Applicant: 1)ADAMED SP. Z O.O.

Address of Applicant :Pienk<sup>3</sup>w 149 PL 05 152 Czosn<sup>3</sup>w

k/Warszawy Poland (72)**Name of Inventor:** 

1)PIECZYKOLAN Jerzy Szczepan

2)PAWLAK Sebastian 3)SZYMANIK Michal

4)PIECZYKOLAN Anna Maria 5)ZEREK Bartlomiej Maciej

6)RZGA Piotr

7) JAWORSKI Albert Robert

8)TESKA KAMINSKA Malgorzata Izabela

### (57) Abstract:

A fusion protein comprising domain (a) which is a functional fragment of hTRAIL protein sequence which fragment begins with an amino acid at a position not lower than hTRAIL95 or a homolog of said functional fragment having at least 70% sequence identity preferably 85% identity and ending with the amino acid hTRAIL281; and domain (b) which is a sequence of an effector peptide inhibiting protein synthesis wherein the sequence of domain (b) is attached at the C terminus or N terminus of domain (a). The fusion protein can be used for the treatment of cancer diseases.

No. of Pages: 167 No. of Claims: 41

(21) Application No.4499/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SYRINGE CARRIER

(51) International classification	:A61M5/24	(71)Name of Applicant:
(31) Priority Document No	:11192587.1	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:08/12/2011	Address of Applicant :Br <sup>1</sup> /4ningstrae 50 65929 Frankfurt am
(33) Name of priority country	:EPO	Main Germany
(86) International Application No	:PCT/EP2012/074468	(72)Name of Inventor:
Filing Date	:05/12/2012	1)HOURMAND Yannick
(87) International Publication No	:WO 2013/083614	2)JENNINGS Douglas Ivan
(61) Patent of Addition to Application	:NA	3)EKMAN Matthew
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Described is a syringe carrier (1) comprising a body (1.1) adapted to receive a barrel (2.1) of a syringe (2). The body (1.1) includes a longitudinal slot and a distal end having resilient distal clamps (1.15) with shoulder sections (1.4). The shoulder sections (1.4) are adapted to engage a circumferential gap between the barrel (2.1) of the syringe (2) and a needle shield (4) covering a needle (3) of the syringe (2).



No. of Pages: 34 No. of Claims: 10

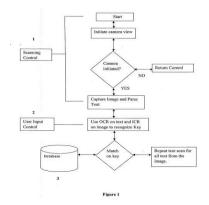
(22) Date of filing of Application :23/12/2013 (43) Publication Date : 11/09/2015

# (54) Title of the invention: SMART CLASSIFIEDS

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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)SURESH THANKAVEL  Address of Applicant: 18650, W. CORPORATE DR., SUITE 120, BROOKFIELD, WI, 53045 U.K. (72)Name of Inventor:  1)SURESH THANKAVEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention provides the text recognition application for advertisers to view the classified advertisement in the publication. The advertisement is scanned using the application in the smart device including the smart phone, the tablet, Kindle, Nuke, Notepad, wearable computer or technology (Optical head mounted display (OHMD) such as wearable Google glass etc. The application recognizes the advertisement in the form of the text or image and displays the appropriate digital contents like the video, image, animated, static 3D or 2D object or additional digital material, which is complementary to the selected or scanned classified advertisement. Figure 1



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

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention : APPARATUS FOR GASIFICATION OF CARBON CONTAINING FEEDSTOCK INTO SYNGAS BY SUPERHEATED STEAM.

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:C10J3/76 :216729 :01/12/2011 :Israel :PCT/IL2012/000378 :21/11/2012 :WO 2013/080195 :NA	(71)Name of Applicant:  1)DE BOTTON Victor Felix Address of Applicant: Kaplan Sq. 12 Beersheva 84287 Israel (72)Name of Inventor: 1)DE BOTTON Victor Felix
<ul><li>(61) Patent of Addition to Application</li><li>Number</li><li>Filing Date</li></ul>	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

# (57) Abstract:

A gasifier (100) for producing a syngas (36) from feedstock material (38) comprising a reactor (110) adapted to produce superheated steam and having a reactor chamber (10) including inlets through which said superheated steam flows to the feedstock material (38); a transport mechanism (8) for transporting the feedstock material (38) through said reactor chamber (10); and a vibration inducing device (31) for imparting a vibratory motion to the feedstock material (38).



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

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

# (54) Title of the invention: BI DIRECTIONAL TUNNELING VIA USER INPUT BACK CHANNEL FOR WIRELESS DISPLAYS

(51) International classification (31) Priority Document No.	:H04N21/422,H04N21/436,H04L29/06 b:61/583914	(71)Name of Applicant:  1)QUALCOMM INCORPORATED  Address of Applicant: Attn: International Ip Administration
(32) Priority Date	:06/01/2012	5775 Morehouse Drive San Diego California 92121 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)HUANG Xiaolong
(86) International Application No Filing Date	:PCT/US2013/020168 :03/01/2013	2)RAVEENDRAN Vijayalakshmi R. 3)FROELICHER Jeffree S. 4)WANG Xiaodong
(87) International Publication No	:WO 2013/103736	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

This disclosure describes a method of establishing a bi directional user interface back channel (UIBC) to a computing device receiving encapsulated peripheral data from the computing device using the UIBC and decapsulating the peripheral data as well as a method of establishing a bi directional user interface back channel (UIBC) to a computing device receiving peripheral data encapsulating the peripheral data and transmitting the encapsulated peripheral data to the computing device using the UIBC.

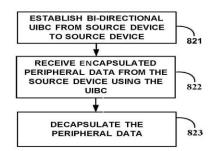


FIG. 11

No. of Pages: 60 No. of Claims: 36

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: VEHICLE DASHBOARD WIRELESS DISPLAY SYSTEM

(51) International :H04L29/08,H04M1/60,H04L29/06

(31) Priority Document No :61/583798

(32) Priority Date :06/01/2012 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2013/020150

No :03/01/2013

Filing Date .03/01/2013

(87) International Publication :WO 2013/103723

(61) Patent of Addition to :NA

Application Number
Filing Date

:NA
:NA

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration

5775 Morehouse Drive San Diego CA 92121 U.S.A.

(72)Name of Inventor:

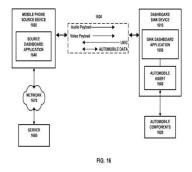
1)WANG Xiaodong 2)RAVEENDRAN Vijayalakshmi R.

3)HUANG Xiaolong

4)FROELICHER Jeff S.

(57) Abstract:

A wireless source and an automobile dashboard configured to function as a wireless sink device are configured to communicate with one another including authenticating the source device for communications with the dashboard sink transmitting user inputs received at the dashboard sink back to the wireless source device to enable a user to control the source device and interact with and control the content that is being transmitted from the source device to the dashboard sink controlling the operational state of the source device based on the operational state of the automobile in which the dashboard sink is arranged and transmitting data generated by the automobile from the dashboard sink to the source device so as to enable the source device to process at least some of the data.



No. of Pages: 92 No. of Claims: 63

(21) Application No.3342/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :12/06/2009 (43) Publication Date : 11/09/2015

# (54) Title of the invention: METHOD TO REDUCE UNPRINTED SUBSTRATE WASTE DURING DIGITAL PRINTING

(51) International classification	:G06K 15/02	(71)Name of Applicant:
(31) Priority Document No	:06125855.4	1)AGFA GRAPHICS NV
(32) Priority Date	:12/12/2006	Address of Applicant :SEPTESTRAAT 27, B-2640
(22) Name of milarity country	:EUROPEAN	MORTSEL Belgium
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP07/63506	1)DEBAERE, EDDY,
Filing Date	:07/12/2007	
(87) International Publication No	:(WO	
(87) International Publication No	2008/071631)	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

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

<sup>■ [</sup>ABSTRACT] A method for printing more than ons print job on a web based printer divides the web into logical print zones. Print jobs are assigned to different print zones by a multiplexer. The width and length of the print zones can vary during the printing as function of the print jobs. The method reduces the waste of unprinted substrate. Fig. 4

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: METHOD AND DEVICE FOR DETECTING PH VALUE OF A SOLUTION

:G01N27/49,G01N27/416 (71)Name of Applicant : (51) International classification (31) Priority Document No :PCT/CN2011/083408 (32) Priority Date :02/12/2011

(33) Name of priority country :China

(86) International Application No :PCT/IB2012/056876 Filing Date :30/11/2012 (87) International Publication No :WO 2013/080182

(61) Patent of Addition to Application :NA

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

1)KONINKLIJKE PHILIPS N.V.

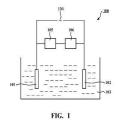
Address of Applicant : High Tech Campus 5 NL 5656 AE

Eindhoven Netherlands (72) Name of Inventor: 1)WANG Guangwei

2)HU Peixin

### (57) Abstract:

The present invention provides a PH value detection device and a method of detecting a PH value of a solution. The PH value detection device may comprise: a first electrode and a second electrode wherein the first electrode and the second electrode are to be inserted into the solution; a power source for applying a bipolar rectangular potential pulse signal to the first electrode and the second electrode; a current detection means connected between the first electrode and the second electrode for detecting a current I flowing through the first electrode and the second electrode; and a calculating unit for calculating the PH value of the solution based on the detected current I. By means of the above design of the present invention the use of the fragile glass electrode and the reference electrode e.g. an Ag/AgCl saturated calomel electrode can be avoided which has a favorable effect on the daily maintenance of the PH value detection device and on the protection of the environment and it also has a favorable effect on the miniaturization and facilitation of the PH value detection device. In addition only measuring the current flowing through the electrode pair to calculate the PH value of the solution facilitates real time monitoring of the change of the PH value of the solution.



No. of Pages: 26 No. of Claims: 13

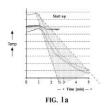
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: A HUMIDIFIER AND A METHOD OF MONITORING THE WATER LEVEL IN THE HUMIDIFIER

(51) International classification	:F24F6/00	(71)Name of Applicant:
(31) Priority Document No	:61/566036	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:02/12/2011	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/IB2012/056682	(72)Name of Inventor:
Filing Date	:23/11/2012	1)DARWINKEL Geert Jan
(87) International Publication No	:WO 2013/080107	2)VAN DER GRAAF Timothy
(61) Patent of Addition to Application	:NA	3)VAN DE WASSENBERG Wilhelmina Johanna Gerarda
Number	:NA	4)BUFFINGA Jan
Filing Date	.1171	5)DIJKSTRA Jacob
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a humidifier and a method of monitoring the water level in the humidifier the method comprising the steps of: detecting the temperature at the air outlet of the humidifier and generating temperature signals indicating the temperature thereof (310 410); determining the water level in the humidifier according to the generated temperature signals (330 430). The water level in the humidifier can be monitored using a rather simple structure yielding a high accuracy.



No. of Pages: 21 No. of Claims: 14

(22) Date of filing of Application :17/12/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: STABILIZED PHARMACEUTICAL COMPOSITIONS OF AZILSARTAN

<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>	:A61K31/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant:  1)AUROBINDO PHARMA LTD  Address of Applicant: THE WATER MARK BUILDING, PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY, HYDERABAD - 500 084 Andhra Pradesh India (72)Name of Inventor:  1)KANDI CHANDRASHEKHAR SHRIRAM 2)VENUGOPALA CHOKKASANDRA JAYARAMAREDDY 3)VISHNUBHOTLA NAGAPRASAD 4)BALLA SRINIVAS 5)MEENAKSHISUNDERAM SIVAKUMARAN
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### (57) Abstract:

Stabilized solid oral pharmaceutical composition comprising angiotensin II receptor blocker(s), process for preparation, and method of using the same are provided. Particularly, the present invention relates to stable pharmaceutical compositions comprising azilsartan or pharmaceutically acceptable salts, esters, hydrates or solvates thereof, process for preparation and method for treatment of hypertension and associated disorders.

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

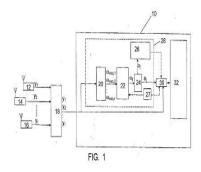
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: HANDLING RESONANCES IN A POWER TRANSMISSION 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>	:12/12/2012 :WO 2013/092349 :NA	(71)Name of Applicant:  1)ABB RESEARCH LTD  Address of Applicant: Affolternstrasse 44 CH 8050 Z <sup>1</sup> / <sub>4</sub> rich Switzerland (72)Name of Inventor:  1)LARSSON Mats 2)OWEN Priscilla 3)GEIGER Michael 4)BRGLER Valentina
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application</li></ul>	:WO 2013/092349	2)OWEN Priscilla 3)GEIGER Michael
Filing Date	:NA	

### (57) Abstract:

The invention is related to a method resonance handling device and computer program product for handling resonances in a power transmission system. The resonance handling device (28) comprises a resonance frequency determining unit (22) configured to obtain measurements (y1 y2 yr) from measurement devices(12 14 16) in the power transmission system apply the measurements in at least one state space model (M1 M2) and determine modal resonance frequencies() in the system based on the application of the system measurements in said state space model and an activity determining unit(24) configured to determine the modal activity of at least one of the resonance frequencies.



No. of Pages: 27 No. of Claims: 19

(22) Date of filing of Application :03/09/2013

(43) Publication Date: 11/09/2015

## (54) Title of the invention : NOVEL ACID ADDITION SALTS OF DABIGATRAN ETEXILATE, PROCESS FOR THE PREPARATION AND PHARMACEUTICAL COMPOSITION THEREOF

(51) International classification :A61K31/00 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant:  1)LAURUS LABS PVT LTD  Address of Applicant: 2ND FLOOR, SERENE CHAMBERS ROAD #7, BANJARA HILLS, HYDERABAD - 500 034 Andhra Pradesh India (72)Name of Inventor:  1)SUBHA VELAYUDHAN, NAIR 2)RAVINDRA BABU, BOLLU 3)PRASANTH KUMAR, BARIK 4)VENKATA SUNIL KUMAR, INDUKURI 5)SEETA RAMANJANEYULU, GORANTLA 6)SATYANARAYANA, CHAVA
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### (57) Abstract:

The present invention relates to novel acid addition salts of dabigatran etexilate, process for the preparation and pharmaceutical compositions containing the same. Further, the invention relates to uses of said compositions for post operative prophylaxis of deep vein thrombosis and the prevention of strokes.

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

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: COLOUR LASER MARKING METHODS OF SECURITY DOCUMENT PRECURSORS

(51) International classification	:B41M5/26,B41M5/34,B41M5/30	(71)Name of Applicant:
(31) Priority Document No	:10193893.4	1)AGFA GEVAERT
(32) Priority Date	:07/12/2010	Address of Applicant :IP Department 3622 Septestraat 27 B
(33) Name of priority country	:EPO	2640 Mortsel Belgium
(86) International Application	DOTE/ED2011/071161	(72)Name of Inventor:
No	:PCT/EP2011/071161	1)GEUENS Ingrid
Filing Date	:28/11/2011	2)VAN AERT Hubertus
(87) International Publication	W.O. 2012/05/25/4	3)CALLANT Paul
No	:WO 2012/076354	4)WAUMANS Bart
(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 colour laser marking a security document precursor including in order at least: a) a polymeric foil; b) at least one colourless colour forming layer for generating a colour different from black containing at least an infrared absorber a colour forming compound and a polymeric binder; and c) either a lasermarkable polymeric support or a lasermarkable layer for generating a black colour; comprising the steps of: (1) laser marking a colour different from black in the colourless colour forming layer with an infrared laser used in continuous wave mode; and (2) laser marking a black colour by carbonization in the lasermarkable polymeric support or the lasermarkable layer with the same infrared laser used in a pulsed mode; and wherein at least one of the polymeric foil and the lasermarkable polymeric support is transparent for the infrared light of the infrared laser.

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

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: COLOUR LASER MARKING OF ARTICLES AND SECURITY DOCUMENT PRECURSORS

(51) International classification :B41M5/323,B41M5/30,B41M5/34

(31) Priority Document No :10193892.6

(31) Priority Document No :10193892.6 (32) Priority Date :07/12/2010 (33) Name of priority country :EPO

(86) International Application :PCT/EP2011/071842

No :06/12/2011

Filing Date .00/12/2011

(87) International Publication :WO 2012/076493

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date (57) Abstract :

black colour

(71)Name of Applicant : 1)AGFA GEVAERT

Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72)Name of Inventor: 1)CALLANT Paul 2)GEUENS Ingrid

3)WAUMANS Bart

4)VAN AERT Hubertus

A method of colour laser marking an article having a polymeric foil with at least one colourless layer containing an infrared absorber a polymeric binder and a colour forming compound; including the steps of: laser marking the colourless layer with an infrared laser using a first laser operation mode to generate a blue or cyan colour; and laser marking the same colourless layer with an infrared laser using a second laser operation mode to generate a black colour wherein the first laser operation mode applies less energy to the colourless layer than the second laser operation mode. Also disclosed is an article such as a security document including a polymeric foil and a colourless layer containing laser marked graphical data having a blue or cyan colour and laser marked information having a

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

(21) Application No.1165/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/03/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: CYLINDER HEAD GASKET

(51) International classification (31) Priority Document No	:F02M35/00 :NA	(71)Name of Applicant: 1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant : JAYALAKSHMI ESTATES • NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIJAYA BHASKAR ADIGA
(61) Patent of Addition to Application Number	:NA	2)VARADHA IYENGAR LAKSHMINARASIMHAN
Filing Date	:NA	3)MALUVADU SUNDARAMAN ANANDKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

An internal combustion engine (13) with an air intake manifold (22) mated to cylinder head (17) by a sealing material (24), the sealing material (24) having double beading (45, 46) on each sides. The sealing material (24) with the beading (46) on the cylinder head side being placed at a larger pre-determined distance compared to the beading on the other side of the said sealing material on the air intake manifold side. <To be published with Fig. 2>

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

(21) Application No.4448/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/09/2013 (43) Publication Date : 11/09/2015

## $(54) \ Title \ of the \ invention: AUTO \ DECOMPRESSION \ SYSTEM \ FOR \ COMPACT \ LAYOUT \ AND \ OPTIMIZED \ PERFORMANCE$

(51) International classification	:F01L13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :NO. 29, HADDOWS ROAD,
(33) Name of priority country	:NA	CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THIRUVALLUR LOGANATHAN
(87) International Publication No	: NA	BALASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	2)MD SABA MATLUB
Filing Date	:NA	3)VARADHA IYENGAR LAKSHMINARASIMHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The present invention relates to a decompression sub assembly comprising a decompression arm that includes a projection step, a spacer pivot and a cam decompression. The projection step 21 in the decompression arm 18 contact only with the inner ring 24 of a bearing 16. Further, a pivot pin 19 is press fitted on the spacer pivot 20 located between a cam lobe 29 and decompression arm 18. Figure 3

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

(21) Application No.5139/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :13/11/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: CEILING FAN WITH FOLDABLE BLADES

<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>	:F04D29/00 :NA :NA :NA	(71)Name of Applicant:  1)ATHEERTH CHANDRAN (MINOR) Address of Applicant:POOJAPPURA RAILWAY QUARTERS, 84A, TRIVANDRUM - 695 012 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ATHEERTH CHANDRAN
(87) International Publication 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 ceiling fan (100) with foldable blades is disclosed. The ceiling fan (100) comprises a plurality of fan blades (12), wherein each fan blade has a leading edge and a trailing edge, said trailing edge of each fan blade being attached to a rotor (11). The ceiling fan (100) is characterized in that the plurality of fan blades (12) are attached to the rotor (11) by a plurality of hinges (13) that enable the plurality of fan blades (12) to fold about their respective trailing edges when the ceiling fan (100) is switched off, and thus facilitate easy cleaning of each fan blade without disturbing its alignment. Figure to be included with abstract: [Figure 1]

No. of Pages: 8 No. of Claims: 3

(22) Date of filing of Application :24/09/2012 (43) Publication Date: 11/09/2015

### (54) Title of the invention: SYSTEM AND METHOD FOR DIGITAL CREATION OF A PRINT MASTER USING A MULTIPLE PRINTHEAD UNIT

(51) International classification :B41C1/00,B41C1/18,B41J19/16 (71) Name of Applicant: (31) Priority Document No :10158421.7

(32) Priority Date :30/03/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/054177

:21/03/2011 Filing Date

(87) International Publication No: WO 2011/120831

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

:NA Number :NA

Filing Date

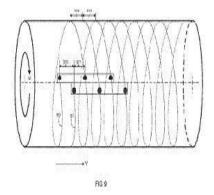
1)AGFA GRAPHICS NV

Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72)Name of Inventor: 1) GULLENTOPS Chris

### (57) Abstract:

A relief print master is created by means of a printhead that jets droplets of a polymerisable liquid on a cylindrical sleeve. The droplets follow a spiral path (950 951) on the cylindrical sleeve. In a multiple printhead unit there are different spiral paths associated with the constituting printheads in the multiple printhead unit. The distance between the spiral paths is not even. The invention provides a method and a system so that the distance between these spiral paths becomes even by adjusting the distance (920 921) measured in the direction of the cylindrical support between marking elements of different rows of the multiple print head unit. The system can also be used for the creation of other types of print masters such as offset print plates.



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

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: METHODS AND COMPOSITIONS FOR DEGRADING OIL SLUDGE

(51) International classification	·C12N	(71)Name of Applicant:
, ,		
(31) Priority Document No	:NA	1)Indian Institute of Technology Madras
(32) Priority Date	:NA	Address of Applicant :Chennai 600036, Tamil Nadu, India
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANGWAI, Jitendra
(87) International Publication No	: NA	2)DOBLE, Mukesh
(61) Patent of Addition to Application Number	:NA	3)NALLUSAMY, Sakthipriya
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Methods and systems for degrading oil sludge are disclosed. In one embodiment, a method of degrading an oil sludge in a pipeline may involve introducing a microbial mixture comprising a Pseudomonas sp. and a nutrient medium into the pipeline such that the microbial mixture contacts the oil sludge. In some embodiments, the Pseudomonas sp. may be Pseudomonas aeruginosa, Pseudomonas fluorescens, or any combination thereof. In a further embodiment, a method of biodegrading an oil sludge may involve contacting the oil sludge with a microbial mixture comprising a Pseudomonas sp. and a nutrient medium, wherein about 70 % to about 99 % of the oil sludge is degraded in a period of about 1 day to about 3 days.

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

(22) Date of filing of Application: 18/02/2013 (43) Publication Date: 11/09/2015

### (54) Title of the invention: SYSTEM AND METHOD FOR DIGITAL CREATION OF A PRINT MASTER USING A MULTIPLE PRINTHEAD UNIT

(51) International classification :B41C1/00,B41J3/407,B41C1/05 (71) Name of Applicant: (31) Priority Document No :10173533.0 (32) Priority Date :20/08/2010 (33) Name of priority country :EPO (86) International Application :PCT/EP2011/063549 :05/08/2011

Filing Date (87) International Publication No: WO 2012/022636

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA 1)Agfa Graphics NV

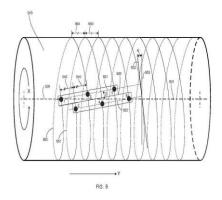
Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72) Name of Inventor: 1) GULLENTOPS Chris

### (57) Abstract:

Filing Date

A relief print master is created by means of a printhead that jets droplets of a polymerisable liquid on a cylindrical sleeve. The droplets follow a spiral path on the cylindrical sleeve. In a multiple printhead unit there are different spiral paths associated with the different constituting printheads. The distance between these spiral paths is not even in a prior art system. By rotating the printhead under a specific angle the distance between these spiral paths becomes even. The invention can also be used for the creation of other types of print plates such as for example offset print plates.



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

(22) Date of filing of Application :02/09/2013 (43) Publication Date : 11/09/2015

## (54) Title of the invention : DETECTING ROOT CAUSE FOR TRANSACTION DEGRADATION USING CAUSAL BAYESIAN NETWORKS

(51) International classification	:G06Q20/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)APPNOMIC SYSTEMS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :201 TOUCHDOWN, NO 1 & 2 HAL
(33) Name of priority country	:NA	INDUSTRIAL AREA, VIBUTHIPURA, AIRPORT ROAD,
(86) International Application No	:NA	BANGALORE 560 037 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUMANTH NARASAPPA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Techniques for detecting root cause for transaction degradation using causal Bayesian networks are disclosed. In some embodiments, various states associated with an application comprising transactions and components are determined, wherein the determined states are associated with the application transactions and components. The determined states are used as input to build a Bayesian network whose nodes represent application transactions and components. A root cause set comprising one or more application components that is associated with a transaction degradation is inferred by traversing the Bayesian network.

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

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: METHOD AND DEVICE FOR CONTROLLING RESOURCES

<ul><li>(51) International classification</li><li>(31) Priority Document No</li></ul>	:H04L12/24 :201110418130.3	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date (33) Name of priority country	:14/12/2011 :China	Address of Applicant :Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No		(72)Name of Inventor:
Filing Date	:08/12/2012	1)CHEN Xiaohui
(87) International Publication No	:WO 2013/086952	2)WEI Hanyu
(61) Patent of Addition to Application Number	:NA	3)WANG Ruifeng
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

Disclosed in the embodiments of the present invention are a method and device for controlling resources. A client terminal transmits an authority request message to a content provider terminal. According to the user identification carried in said authority request message the content provider terminal transmits an authority response message to said client terminal wherein the authority response message carries an authorized access token. Said client terminal transmits a content request message to a storage server corresponding to said content provider terminal wherein the content request message carries the identification of the content requested by the client terminal and said authorized access token. Said client terminal receives the content transmitted by said storage server according to said authorized access token. The invention is applicable to the field of network resource management.

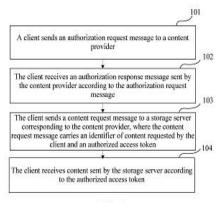


FIG. 1

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

(21) Application No.4679/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013 (43) Publication Date: 11/09/2015

### (54) Title of the invention: A DISPERSION COMPRISING METALLIC METAL OXIDE OR METAL PRECURSOR **NANOPARTICLES**

(51) International :C09D11/00,B01F17/42,B01F17/32 classification

:10196244.7 (31) Priority Document No

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

(86) International Application :PCT/EP2011/073226

No

:19/12/2011 Filing Date

(87) International Publication :WO 2012/084813

(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)AGFA GEVAERT

Address of Applicant :IP Department 3622 Septestraat 27 B

2640 Mortsel Belgium (72) Name of Inventor: 1)ANDRE Xavier 2)BOLLEN Dirk 3)LOCCUFIER Johan

### (57) Abstract:

The present invention relates to a dispersion comprising metallic metal oxide or metal precursor nanoparticles and a polymeric dispersant the dispersant comprising an anchor group with affinity for the metallic metal oxide or metal precursor nanoparticles that is chemically bonded to a polymeric backbone characterized in that the dispersant has a 95 wt. % decomposition at a temperature below 300 °C as measured by Thermal Gravimetric Analysis. It further relates to metallic fluids or inks prepared from the dispersion and to the preparation of the dispersion and the metallic fluid or inks.

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

(21) Application No.8431/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/10/2013 (43) Publication Date: 11/09/2015

### (54) Title of the invention: STORAGE SCREENS FOR MEDICAL RADIOGRAPHY

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:23/05/2012 :WO 2012/160079	(71)Name of Applicant:  1)AGFA HEALTHCARE Address of Applicant: IP Department 3802 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor: 1)LEBLANS Paul 2)TAHON Jean Pierre
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	2) TATION GEAR FICTO

### (57) Abstract:

The present invention concerns a method for the treatment of stimulable phosphors and/or screens for use in diagnosis in particular medical radiography. The method comprises subjecting the stimulable phosphors and/or screens to an epoxide containing gaseous compound promptly following their manufacture. By applying the method according to the invention yellowing of the stimulable phosphors and/or screens is prevented in a safe and efficient manner; thereby the disadvantages known as such resulting from such yellowing will not occur.

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

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

:NA

:NA

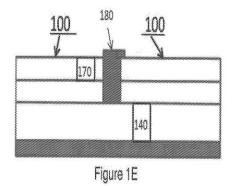
## (54) Title of the invention : IMPROVED METHOD OF PRODUCING TWO OR MORE THN FILM BASED INTERCONNECTED PHOTOVOLTAIC CELLS

(51) International classification :H01L27/142,H01L31/05 | (71)Name of Applicant : (31) Priority Document No :61/578300 1)DOW GLOBAL TECHNOLOGIES LLC (32) Priority Date :21/12/2011 Address of Applicant :2040 Dow Center Midland MI 48674 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2012/068864 (72) Name of Inventor: Filing Date :11/12/2012 1)FEIST Rebekah Kristine Ligman (87) International Publication No :WO 2013/095984 2)MILLS Michael E. (61) Patent of Addition to Application :NA Number :NA Filing Date

### (57) Abstract:

Filing Date

The present invention is directed to a method of producing two or more ihin fi] m feased interconnected photovoltaic cells (100) comprising the steps of: a) providing a photovoltaic article comprising: a flexible conductive substrate at least one photoelectrically active layer and a top transparent conducting layer; b) forming one or more first channels (140) through the flexible conductive substrate to expose a portion of the photoelectrical] active layer; e) applying an insulating segment to the conductive substrate and spanning the one or more first channel; d) forming one or more second channels off set from the one or more first channels through the photoelectrically active layer to expose a conductive surface of the flexible conductive substrate; I) forming one or more third channels (170) off set from both the first channels and the second channels through the top transparent conducting layer and to the photoelectrically active layer: and g) applying an electrically conductive material (180) above the top transparent conducting layer and in the second channels thus producing two or more Interconnected photovoltaic eelis..



(62) Divisional to Application Number

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

(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention : 4 AZIDO 3 FLUORO SUBSTITUTED NUCLEOSIDE DERIVATIVES AS INHIBITORS OF HCV RNA REPLICATION

(51) International :C07H19/06,C07H19/16,A61K31/7072

classification .CO/1119/00,CO/1119/10,A01K31/70/

(31) Priority Document No:61/577712 (32) Priority Date :20/12/2011 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/EP2012/075688

Filing Date :17/12/2012

(87) International Publication No :WO 2013/092447

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

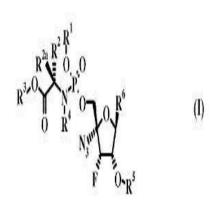
1)SMITH Mark

2)TALAMAS Francisco Xavier

3)ZHANG Jing 4)ZHANG Zhuming

### (57) Abstract:

The present invention relates to the use of nucleoside derivatives of formula (I) wherein the symbols are as the specification and of pharmaceutically acceptable salts thereof and to pharmaceutical compositions containing such compounds.



No. of Pages: 62 No. of Claims: 20

(21) Application No.7959/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/09/2012 (43) Publication Date: 11/09/2015

### (54) Title of the invention: A LITHOGRAPHIC PRINTING PLATE PRECURSOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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>	:B41C1/10 :10157030.7 :19/03/2010 :EPO :PCT/EP2011/053078 :02/03/2011 :WO 2011/113693 :NA :NA :NA	(71)Name of Applicant:  1)AGFA GRAPHICS NV Address of Applicant: IP Department 3622 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor: 1)VAN AERT Hubertus 2)LINGIER Stefaan 3)JANSSENS Heidi
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### (57) Abstract:

A lithographic printing plate precursor comprising a support having a hydrophilic surface or which is provided with a hydrophilic layer and a coating thereon said coating comprising an IR absorbing agent and a polyvinylacetal binder said polyvinylacetal comprising an acetal group having an acetal carbon atom substituted by a phenolic group a naphtol group or an antracenol group a second recurring unit comprising an acetal group having an acetal carbon atom substituted by an alkyl group having a hydrocarbon chain containing 1 2 or 3 carbon atoms and a third recurring unit comprising an acetal group having an acetal carbon atom substituted by an alkyl group having a hydrocarbon chain containing 1 2 or 3 carbon atoms wherein the alkyl group of the acetal group of the third recurring unit is different from the alkyl group of the acetal group of the second recurring unit. The precursor exhibits an improved sensitivity on exposure and the stability against daylight exposure is further improved.

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

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 11/09/2015

## (54) Title of the invention : A SYSTEM AND METHOD FOR IMPLEMENTING INTRINSIC SAFETY IN ROTATING STRUCTURES

(51) International classification	:F04D29/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BINDINGNAVALE RANGA KRISHNA KUMAR
(32) Priority Date	:NA	Address of Applicant :#202 SURYA APARTMENTS, NO.
(33) Name of priority country	:NA	16, FIFTH MAIN ROAD, MALLESWARAM, BANGALORE -
(86) International Application No	:NA	560 003 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)BINDINGNAVALE RANGA KRISHNA KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

The embodiments of the present invention discloses a system and method for providing an intrinsic safety to rotating machinery from the failure of internal high speed rotating structures. According to an embodiment, a system assembly comprises a unique design of the rotating structure to provide a sufficient safety margin and redundancy in configuration. The system assembly comprises a blower fan assembled inside a blower casing and rotated inside the casing. The fan is manufactured by a single forging process instead of an investment casting. The fan comprises several blades mounted to a hub in a shroud to draw a required quantity of fluid. The fan is mounted to a shaft through the hub. When the blower fan is rotated at a high speed exceeding the design parameters, a rub and stop mechanism is initiated to halt the fan.

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

(21) Application No.5288/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :18/11/2013 (43) Publication Date : 11/09/2015

## (54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF ANTI - VIRAL COMPOUNDS AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:A61K31/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :THE WATER MARK BUILDING,
(33) Name of priority country	:NA	PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY,
(86) International Application No	:NA	HYDERABAD - 500 084 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KANDI CHANDRASHEKHAR
(61) Patent of Addition to Application Number	:NA	2)VISHNUBHOTLA NAGAPRASAD
Filing Date	:NA	3)ASIF ANWAR
(62) Divisional to Application Number	:NA	4)CHEGONDA KRISHNA KUMAR
Filing Date	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN

### (57) Abstract:

ABSTRACT: Pharmaceutical compositions of anti-viral compounds, process for preparation and method of using the same are provided. Particularly, the present invention relates to chemically stable pharmaceutical compositions of efavirenz, emtricitabine and tenofovir disoproxil fumarate with optionally one or more pharmaceutically acceptable excipients, process for preparation and method for the treatment or prevention of the symptoms or effects of an HIV infection in an infected patient.

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

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention : NITRO BOOST - HHO GAS INJECTOR USED FOR VEHICLES/ENGINES OPERATED BY PETROL/DIESEL

<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>	:F02M25/00 :NA :NA :NA	(71)Name of Applicant:  1)R. GAJAVARATHAN  Address of Applicant: MIC, NO. 257, FIRST FLOOR, SECOND STREET, MOGAPPAIR ERI SCHEME, CHENNAI -
(86) International Application No Filing Date	:NA :NA	600 037 Tamil Nadu India (72)Name of Inventor:
<ul><li>(87) International Publication No</li><li>(61) Patent of Addition to Application Number</li><li>Filing Date</li></ul>	: NA :NA :NA	1)R. GAJAVARATHAN
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

ABSTRACT: An apparatus for generating and injecting hydrogen and oxygen gas for use in internal combustion engines of automobiles. Specifically, the apparatus contain three safety components such as safety filters 1, flashback arrester 10 and intelligent feeder II. The apparatus uses electrolysis process to generate hydrogen and oxygen gas from the electrolyte 21 present in the generator. It is used as supplement with vehicles engine to generate and inject hydrogen and oxygen gas to the combustion chamber based on the engines requirements. The generated gas mixes with atmospheric air and provides complete combustion of fuel, thus increasing mileage, engines life and also reduces the pollution caused by the vehicle.

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

(22) Date of filing of Application :06/03/2014 (43) Publication Date : 11/09/2015

### (54) Title of the invention: POWER GENERATION DEVICE FLOATING IN THE AIR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of priority country</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number</li> </ul>	:F03D9/00 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)CHEN CHIA-CHERN Address of Applicant: NO. 95, LN. 133, SEC. 1, JIANKANG RD., SOUTH DIST Taiwan (72)Name of Inventor: 1)CHEN CHIA-CHERN
• /		
(62) Divisional to Application Number Filing Date	:NA :NA	

### (57) Abstract:

A power generation device floating in the air includes a lifting device, a connection device and a ground device. The lifting device is consisted of plural buoyant units with solar cells and wind turbines respectively located on the top and lower portions thereof. The connection device is connected between the lifting device and the ground device. The main functions of the ground device are power alternation, power distribution and power storage. The ground device is connected with power supply network in parallel in order to deliver power to users. The solar cells and the wind turbines are located in the air instead of on ground. The weather does not affect the efficiency of the power generation device.

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

(21) Application No.3963/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/09/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: IMPROVED PROCESS FOR PREPARING LINEZOLID

(51) International classification	:C07D263/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)OPTIMUS DRUGS PVT LTD
(32) Priority Date	:NA	Address of Applicant :1-2-11/1, ABOVE SBI BANK,
(33) Name of priority country	:NA	STREET NO. 2, KAKATIYA NAGAR, HABSIGUDA,
(86) International Application No	:NA	HYDERABAD - 500 007 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SRINIVASA REDDY DESI REDDY
(61) Patent of Addition to Application Number	:NA	2)DNYANDEV RAGHO RANE
Filing Date	:NA	3)SRINIVASA RAO VELIVELA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

### (57) Abstract:

ABSTRACT TITLE: AN IMPROVED PROCESSES FOR PREPARING LINEZOLID The present invention provides simple, environmental friendly improved process for the preparation of Linezolid. The present invention also provides an alternate improved process for preparing Linezolid with good yield.

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

(22) Date of filing of Application :26/12/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: INTEGRATED STARTER GENERATOR

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) Priority Date</li> <li>(33) Name of 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)TVS MOTOR COMPANY LIMITED  Address of Applicant: JAYALAKSHMI ESTATES • NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu India (72)Name of Inventor:  1)SAMRAJ JABEZ DHINAGAR 2)SHAMSUDDEEN NALAKATH 3)ARAVINDAKRISHNAN SRIKUMAR
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### (57) Abstract:

The present invention relates to an integrated starter generator system (S) operatively connected to an engine (10). The integrated starter generator system (S) comprising a first stator (41), a second stator (43) being disposed in a crankcase (30) of an engine (10), a rotor (42) axially connected to a crankshaft (20) of the engine (10), and configured to move axially along the crankshaft (20) and between the first stator (41) and the second stator (43) so as to magnetically couple said rotor (42) either with the first stator (41) or the second stator (43), and a controller (50) operatively connected to the first stator (41) and the second stator (43) for controlling currents therein is configured to function as an engine starter, as a generator and as an engine power assist based on output provided by the controller (50). < To be published with FIG. 1>

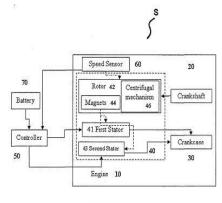


FIGURE 1

No. of Pages: 19 No. of Claims: 5

(21) Application No.7227/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/09/2013 (43) Publication Date : 11/09/2015

### (54) Title of the invention: IRRADIATION FIELD RECOGNITION

<ul> <li>(51) International classification</li> <li>(31) Priority Document No</li> <li>(32) 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>	:G06T7/00 :11158188.0 :15/03/2011 :EPO :PCT/EP2012/053252 :27/02/2012 :WO 2012/123242	(71)Name of Applicant:  1)AGFA HEALTHCARE  Address of Applicant :IP Department 3802 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor:  1)BERTENS Tom
Filing Date	:27/02/2012	` '

### (57) Abstract:

A method to extract irradiation field areas in an X ray image represented by a digital signal representation comprising the steps of segmenting the image in multiple regions of pixels which have similar local image characteristics fitting line segments to the boundaries of these regions whereby said line segments correspond with candidate irradiation field boundaries and constitute a segmentation map classifying regions in said segmentation map into at least two classes one class being irradiation field and the other class being collimated region on the basis of at least one of local regional and global image characteristics.

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

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: CONTROL SYSTEM FOR DPF REGENERATION BY EXHAUST PIPE INJECTION AND REGENERATION METHOD

(51) International :F01N3/023,B60K31/00,F01N3/025 classification

(31) Priority Document No :2011254544 (32) Priority Date :22/11/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/069292

No :30/07/2012 Filing Date

(87) International Publication: WO 2013/077028

(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) UD Trucks Corporation

Address of Applicant: 1 Oaza Itchome Ageo shi Saitama

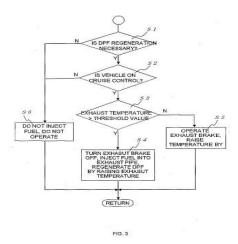
3628523 Japan

(72) Name of Inventor:

1)AMANO Takafumi

### (57) Abstract:

The purpose of the present invention is to provide a DPF travel time regeneration control system capable of stably raising the temperature even during travel and capable of decreasing the frequency of DPF regeneration when the vehicle is stopped. In this control system if the DPF (5) needs to be regenerated the vehicle is travelling on cruise control and the exhaust temperature detected by an exhaust temperature sensor (11) is higher than a threshold value then fuel is injected into the exhaust pipe by a fuel injection means (7) and if the exhaust temperature is lower than the threshold value the exhaust temperature is raised by operating the exhaust brake without injecting fuel into the exhaust pipe.



No. of Pages: 22 No. of Claims: 2

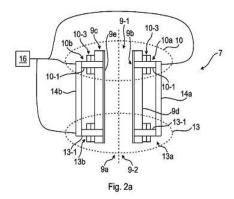
(22) Date of filing of Application :17/06/2014 (43) Publication Date : 11/09/2015

## (54) Title of the invention : ARRANGEMENT AND METHOD FOR FLOW CONTROL OF MOLTEN METAL IN A CONTINUOUS CASTING PROCESS

(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCTFiling Date:22/1	Address of Applicant :Kopparbergsvgen 2 S 721 83 Vsters Sweden (72)Name of Inventor : 1)ERIKSSON Jan Erik 2)YANG Hongliang 3)ERIKSSON Boo	
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### (57) Abstract:

It is presented an arrangement (7) for a continuous casting process. The arrangement (7) comprises a vessel (9a) having a first opening (9 1) for receiving molten metal in the vessel (9a) a second opening (9 2) for discharging the molten metal from the vessel (9a) and a body (9b) extending between the first opening (9 1) and the second opening (9 2) a first magnetic arrangement (10) attached to the body (9b) the first magnetic arrangement (10) having a magnetic core (10 1) with legs and coils (10 3) arranged around the legs and a power system (16) configured to provide an alternating current superimposed on a carrier current to each of the coils (10 3) each pair of alternating current and carrier current provided to a coil (10 3) forming a flow control current wherein flow control currents provided to adjacent coils (10 3) are phase shifted relative each other thereby creating a travelling magnetic field in molten metal in the vessel (9a). A corresponding method is also presented herein.



No. of Pages: 19 No. of Claims: 15

(21) Application No.4489/CHENP/2014 A

(19) INDIA

(22) Date of filing of Application: 17/06/2014 (43) Publication Date: 11/09/2015

### (54) Title of the invention: COMPOSITE MATERIALS COMPRISING CONDUCTIVE NANO FILLERS

(51) International classification: C08L81/06,C08K3/04,C08L63/00 (71) Name of Applicant:

(31) Priority Document No :1122296.5 (32) Priority Date :23/12/2011

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

(86) International Application :PCT/US2012/070472

:19/12/2012 Filing Date

(87) International Publication :WO 2013/141916

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

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

1)CYTEC TECHNOLOGY CORP.

Address of Applicant :300 Delaware Avenue Wilmington DE

19801 U.S.A.

(72) Name of Inventor:

1) RESTUCCIA Carmelo Luca

2)LENZI Fiorenzo 3)FRULLONI Emiliano 4) JORDAN Natalie Denise 5)HARRIMAN Mark Edward

### (57) Abstract:

A process for the production of a composition comprising one or more conductive nano filler(s) one or more polyarylethersulphone thermoplastic polymer(s) (A) one or more uncured thermoset resin precursor(s) (P) and optionally one or more curing agent(s) therefor wherein said process comprises mixing or dispersing a first composition comprising one or more conductive nano filler(s) and one or more polyarylethersulphone thermoplastic polymer(s) (A) with or into one or more uncured thermoset resin precursor(s) (P) and optionally one or more curing agent(s) therefor.

No. of Pages: 71 No. of Claims: 45

# 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.	239904	Bayer Vapi Private Limited	Improved Process for the Preparation of 2,3,5,6-Tetraflourobenzyl (+) 1R-Trans-2,2-Dimethyl-3-(2,2-Dichlorovinyl Cyclo-Propanecarbosylate (Transfluthrin)	22/03/2013	Mumbai
2.	263650	Ashok Ramanlal Panchal	A self-rotating, decorative assembly of plurality of oil lamps for indoor, tabletop installation in households.	12/11/2014	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 Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	268588	6974/DELNP/2006	27/05/2004	27/05/2004	APPARATUS FOR VERIFYING A LOW NOISE BLOCK OUTPUT VOLTAGE	THOMSON LICENSING	13/07/2007	DELHI
2	268590	434/DELNP/2009	16/07/2007	17/07/2006	A NEW ANTIFUNGAL COMPOSITION	DSM IP ASSETS B.V.	29/05/2009	DELHI
3	268591	6031/DELNP/2008	23/01/2007	26/01/2006	SEMI-CRYSTALLINE SEMI-AROMATIC POLYAMIDE	DSM IP ASSETS B.V.	24/10/2008	DELHI
4	268592	3134/DELNP/2010	05/11/2008	05/11/2007	OZONOLYSIS REACTIONS IN LIQUID CO2 AND CO2-EXPANDED SOLVENTS	UNIVERSITY OF KANSAS,ARCHER DANIELS MIDLAND COMPANY	05/11/2010	DELHI
5	268593	2284/DEL/2007	01/11/2007 12:48:32	09/11/2006	CYCLOPROPENE COMPOSITIONS	ROHM AND HAAS COMPANY	05/09/2008	DELHI
6	268595	195/DELNP/2007	19/07/2005	30/07/2004	METHOD AND SYSTEM FOR RETRIEVING NETWORK ADDRESSES IN HYBRID TELECOMMUNICATIO N NETWORKS	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	03/08/2007	DELHI
7	268596	3/DEL/2003	01/01/2003	13/01/2002	FILTERING METHOD FOR REMOVING BLOCK ARTIFACTS AND/OR RINGING NOISE AND APPARATUS THEREFOR	SAMSUNG ELECTRONICS CO., LTD.	07/02/2014	DELHI
8	268597	1710/DELNP/2008	27/07/2006	28/07/2005	COMPOSITION AND METHOD FOR IMPROVING CELL PERMEABILITY	ID-FISH TECHNOLOGY, INC.	27/06/2008	DELHI
9	268600	4927/DELNP/2008	08/11/2006	08/11/2005	EXPRESSION SYSTEM INCORPORATING A CAPSID PROMOTER SEQUENCE AS AN ENHANCER OF A CYTOMEGALOVIRUS PROMOTER	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL,UNIVERSIT Y OF CAPE TOWN	26/09/2008	DELHI

10	268601	51/DEL/2011	11/01/2011 12:32:20		CHAR WASTE BASED FUEL AND A PROCESS THEREOF	ANIL KUMAR SINGH	04/02/2011	DELHI
11	268604	138/DELNP/2009	22/06/2004	23/06/2003	ENGINEERING SINGLE-GENE- CONTROLLED STAYGREEN POTENTIAL INTO PLANTS	PIONEER HI-BRED INTERNATIONAL INC.,THE REGENTS OF UNIVERSITY OF CALIFORNIA	19/06/2009	DELHI
12	268605	1143/DEL/2006	08/05/2006	30/05/2005	COMMUNICATION DEVICE TO CONSTRUCT A CONNECTION IN A PACKET-SWITCHED NETWORK	SIEMENS AKTIENGESELLSCHA FT	31/08/2007	DELHI
13	268608	2838/DELNP/2010	24/10/2008	24/10/2004	TWO-PART HAIR DYE	KAO CORPORATION	21/10/2011	DELHI
14	268609	2777/DELNP/2010	24/10/2007	24/10/2007	A TWO-PART HAIR DYE COMPOSITION	KAO CORPORATION	28/10/2011	DELHI
15	268612	5309/DELNP/2007	23/12/2005	29/01/2005	AN APPARATUS FOR ANALYZING A SAMPLE GAS OR VAPOR	SMITH DETECTION- WATFORD LIMITED	31/08/2007	DELHI
16	268615	520/DEL/2010	08/03/2010 14:37:27		NEW INSECT REPELLENTS	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	16/09/2011	DELHI
17	268616	1901/DELNP/2009	02/06/2008	15/06/2007	AN ETHYLENIC COPOLYMER (A) AND COMPOSITION THEREOF	MITSUI CHEMICALS INC.	19/06/2009	DELHI
18	268617	49/DEL/2008	04/01/2008 16:46:33	01/11/2007	VEHICULAR INSTRUMENT PANEL	HYUNDAI MOBIS CO.,LTD.	15/05/2009	DELHI
19	268619	1749/DEL/2008	25/07/2008 12:00:57	05/12/2007	CONTROL PEDAL FOR CONTROLLING AN ACTUATOR OF A MOTOR VEHICLE, PROVIDED WITH ROTATION PIN WITH FIXING OF THE ELECTRONICS SENSOR	SISTEMI COMANDI MECCANICI S.C.M. S.P.A.	17/07/2009	DELHI
20	268622	655/DEL/2008	14/03/2008 16:48:45		AN IMPROVED PROCESS FOR THE PREPARATION OF FIBRE RICH CAKE	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	18/09/2009	DELHI
21	268623	6836/DELNP/2007	07/08/2003	08/08/2002	A DRILL BIT AND METHOD FOR PRODUCING A DRILL BIT	SURGIBIT IP HOLDINGS PTY.LIMITED	28/09/2007	DELHI
22	268628	7391/DELNP/2007	27/03/2006	30/03/2005	METHOD OF PRODUCTION OF HOT DIPPED ROLLED STEEL STRIP	NIPPON STEEL & SUMITOMO METAL CORPORATION,NIPP ON STEEL ENGINEERING CO.,LTD	09/11/2007	DELHI

23	268629	6217/DELNP/2006	20/04/2005	20/04/2004	A CONTAINER CLOSURE APPLICATION SYSTEM	JORGEN HENRIKSEN	31/08/2007	DELHI
24	268630	2353/DELNP/2006	20/08/2004	28/10/2003	REVERSE ROTATION PREVENTING MECHANISM FOR DIESEL ENGINE	YANMAR CO.	03/08/2007	DELHI
25	268632	1730/DELNP/2007	19/10/2005	20/10/2004	PHARMACEUTICAL FORMULATION COMPRISING HER2 ANTIBODY	GENENTECH,INC.	24/08/2007	DELHI
26	268634	5554/DELNP/2006	07/10/2004	02/03/2004	COMPOUNDS DERIVED FROM 4 ANILINEQUINAZOLIN ES WITH ADENOSINE- KINASE INHIBITOR PROPERTIES	UNIVERSIDADE ESTADUAL DE CAMPINAS-UNICAMP	24/08/2007	DELHI
27	268636	1613/DEL/2005	22/06/2005		ROOT CANAL IRRIGATION NEELDLE	POSTGRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH	09/02/2007	DELHI
28	268637	2968/DELNP/2008	06/10/2006	10/10/2005	NOVEL COMBINATIONS OF MEDICAMENTS OF MEDICAMENTS FOR THE TREATMENT OF RESPIRATORY DISEASES	BOEHRINGER INGELHEIM INTERNATIONAL GHBH,	08/08/2008	DELHI
29	268640	4138/DELNP/2008	02/11/2005	02/11/2005	BOTTOM STRUCTURE OF VEHICLE BODY	TOYOTA JIDOSHA KABUSHIKI KAISHA	01/08/2008	DELHI
30	268641	4160/DELNP/2006	18/01/2005	30/01/2004	HEIGHT ADJUSTMENT MECHANISM FOR A CHAIR	KNOLL, INC.	13/07/2007	DELHI
31	268643	368/DELNP/2003	01/10/2001	03/10/2000	A BELT DRIVE SYSTEM FOR A POWER PLANT	THE GATES CORPORATION	31/07/2009	DELHI
32	268644	7/DEL/2007	02/01/2007 14:36:33		GELLED UDMH FUEL COMPOSITION CONTAINING HYDRAZINE HYDRATE AND THE METHOD OF PREPARATION THEREOF	THE DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION	25/07/2008	DELHI
33	268645	5026/DELNP/2006	10/02/2005	27/02/2004	AN APPARATUS FOR CALCINING GYPSUM	UNITED STATES GYPSUM COMPANY	13/04/2007	DELHI
34	268649	1282/DEL/2004	12/07/2004	30/09/2003	IMAGE FILE CONTAINER	MICROSOFT TECHNOLOGY LICENSING,LLC	30/06/2006	DELHI
35	268650	1279/DEL/2004	09/07/2004	28/08/2003	METHODS AND SYSTEMS FOR DELEGATED ADMINISTRATION OF A HOSTED RESOURCE	MICROSOFT TECHNOLOGY LICENSING,LLC	22/09/2006	DELHI

36	268651	2228/DELNP/2003	07/06/2002	08/06/2001	APPARATUS FOR THE STRIPPING OF ENTRAINED AND/OR ADSORBED HYDROCARBONS FROM PARTICULATES	UOP LLC	20/01/2006	DELHI
37	268654	1496/DEL/2004	12/08/2004	12/08/2003	COOLED GAS TURBINE ENGINE VANE	SNECMA	28/07/2006	DELHI
38	268662	417/DELNP/2009	06/08/2007	08/08/2006	CATALYTIC CRACKING RISER REACTOR	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V	22/05/2009	DELHI
39	268667	852/DEL/2004	11/05/2004	13/06/2003	FAST START-UP FOR DIGITAL VIDEO STREAMS	MICROSOFT TECHNOLOGY LICENSING,LLC	16/06/2006	DELHI
40	268669	1992/DEL/2005	27/07/2005	11/08/2004	DISPENSER WITH A COVER	KOTOBUKI & CO.,LTD	31/07/2009	DELHI
41	268670	2587/DELNP/2008	23/10/2006	25/10/2005	SHAPED EXPANDABLE MATERIAL	ZEPHYROS, INC.	04/07/2008	DELHI
42	268672	1554/DEL/2004	20/08/2004	18/09/2003	ELECTROACOUSTICA L TRANSDUCING	BOSE CORPORATION	28/07/2006	DELHI
43	268675	8851/DELNP/2008	27/04/2007	27/04/2006	PROCESS FOR SYNTHESIZING SELECTED ORGANIC PEROXIDES	ARKEMA FRANCE	27/03/2009	DELHI
44	268679	3756/DELNP/2007	15/12/2005	17/12/2004	A METHOD FOR PRODUCING A NONWOVEN FIBROUS STRUCTURE	E. I. DU PONT DE NEMOURS AND COMPANY	24/08/2007	DELHI

### Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seria 1 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)	Appropriat e Office
1	268594	1818/MUM/2007	19/09/2007		DATA MAPPING DOCUMENT DESIGN SYSTEM	ACCENTURE GLOBAL SERVICES LIMITED	05/06/2009	MUMBAI
2	268611	182/MUMNP/201 0	31/07/2008	02/08/2007	HIGH TEMPERATURE AND HIGH PRESSURE ELECTROLYZER WITH ALLOTHERMAL OPERATION.	COMMISSARIAT A L'ENERGIE ATOMIQUE.	25/06/2010	MUMBAI
3	268613	1687/MUMNP/20 09	29/02/2008	02/03/2007	ANALGESIC COMPOSITION OF TOPICALLY APPLIED NONSTEROIDAL ANTIINFLAMMATORY DRUGS AND OPIOIDS	FLAMEK CORP. OUE	26/02/2010	MUMBAI
4	268620	120/MUMNP/201 0	30/06/2008	29/06/2007	METHODS FOR N- DEMETHYLATION OF MORPHINE AND TROPANE ALKALOIDS	BROCK UNIVERSITY	31/08/2012	MUMBAI
5	268652	2044/MUM/2006	13/12/2006		A SYSTEM FOR THE TIME OF ARRIVAL (TOA) ESTIMATION IN WIRELESS COMMUNICATION SYSTEMS	TATA CONSULTANCY SERVICES LIMITED	19/09/2008	MUMBAI
6	268658	2098/MUMNP/20 08	13/04/2007	13/04/2006	DYNAMIC CARRIER SENSING THRESHOLDS	QUALCOMM INCORPORATED	14/11/2008	MUMBAI
7	268660	1420/MUM/2007	24/07/2007		LPG KIT WITH LIQUID LPG WITHDRAWAL SYSTEM FOR USE IN 2-STROKE MARINE ENGINES	VANAZ ENGINEERS LTD	15/05/2009	MUMBAI
8	268668	357/MUMNP/200 7	11/08/2005	16/08/2004	AN IMAGING ARRANGEMENT WITH INCREASED DEPTH OF FOCUS	XCEED IMAGING LTD.	20/07/2007	MUMBAI
9	268674	429/MUMNP/200 8	21/02/2006	22/08/2005	MONOPOLE FIELD ELECTRIC MOTOR - GENERATOR WITH SWITCHABLE COIL CONFIGURATION	BOJIUC, DUMITRU	28/03/2008	MUMBAI

### Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	268581	3796/CHENP/2007	15/03/2006	15/03/2005	FILTRATION TESTER	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	21/12/2007	CHENNAI
2	268582	2079/CHE/2008	27/08/2008		A MECHANICAL SERVO LINKAGE FOR AGRICULTURAL TRACTOR'S HYDRAULIC CONTROL SYSTEM	TAFE MOTORS AND TRACTORS LIMITED	05/03/2010	CHENNAI
3	268583	5509/CHENP/2007	06/04/2006	01/06/2005	FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES	ROBERT BOSCH GmbH	28/03/2008	CHENNAI
4	268587	1042/CHENP/2010	25/08/2008	31/08/2007	PESTICIDE COMPOSITION COMPRISING A NEONICOTINOID TYPE PESTICIDE AND A EFFICACY POTENTIATING COMPOUND	NIPPON SODA CO., LTD.	03/09/2010	CHENNAI
5	268589	2308/CHE/2009	23/09/2009 15:03:30	30/09/2008	DEVELOPING ROLLER, DEVELOPING ROLLER PRODUCTION METHOD, PROCESS CARTRIDGE, AND ELECTROPHOTOGRAPH IC APPARATUS	CANON KABUSHIKI KAISHA	09/04/2010	CHENNAI
6	268598	1213/CHE/2009	25/08/2005	26/08/2004	A FUEL INJECTION VALVE	DENSO CORPORATION	26/03/2010	CHENNAI
7	268599	583/CHENP/2008	31/07/2006	04/08/2005	APPARATUS FOR MONITORING A PERSON HAVING AN INTEREST TO AN OBJECT, AND METHOD THEREOF	KONINKLIJKE PHILIPS ELECTRONICS N.V.	28/11/2008	CHENNAI
8	268602	4467/CHENP/2009	29/01/2008	12/02/2007	METHOD AND APPARATUS FOR ASSIGNING TRANSCODING RESOURCES IN A SESSION BOARDER CONTROLLER	ALCATEL LUCENT	11/09/2009	CHENNAI

9	268606	2104/CHENP/2007	16/11/2005	16/11/2004	ELASTOMERIC COMPOSITIONS WITH IMPROVED RESISTANCE TO NECKING FOR HIGH SPEED SHEET EXTRUSION APPLICATIONS	DOW GLOBAL TECHNOLOGIES , LLC	07/09/2007	CHENNAI
10	268607	93/CHENP/2008	27/06/2006	07/07/2005	HERBICIDAL COMPOSITION COMPRISING BENZOYLCYCLOHEXA NEDIONES	BAYER CROPSCIENCE AG	19/09/2008	CHENNAI
11	268627	4297/CHENP/2007	27/03/2006	29/03/2005	LUBRICATING OIL COMPOSITION WITH REDUCED PHOSPHORUS LEVELS	SI GROUP INC.	21/12/2007	CHENNAI
12	268633	4001/CHENP/2007	14/02/2006	14/02/2005	VEHICLE SEAT	TS TECH CO., LTD.	23/11/2007	CHENNAI
13	268639	5360/CHENP/2008	08/03/2007	07/03/2007	MECHANICAL SEAL WITH ENHANCED FACE STABILITY	JOHN CRANE INC.	20/03/2009	CHENNAI
14	268646	4276/CHENP/2007	27/03/2006	28/03/2005	DRAPE FOR CLEAN OPERATION	NIPRO CORPORATION,KATO H, OSAMU	21/12/2007	CHENNAI
15	268647	489/CHE/2010	25/02/2010 15:18:28	25/02/2009	SUPPORTING PROFILE AND CONNECTING PROFILE WITH REINFORCING INSERT AS WELL AS METHOD FOR PRODUCING A FIBER-REINFORCED METAL PROFILE	ROEDER HTS HOECKER GMBH	03/09/2010	CHENNAI
16	268648	7091/CHENP/2009	28/04/2008	02/05/2007	METHOD OF MAKING A DIE-CUT OBJECT MADE OF FOAM	KOEHLER & KRAFFT GMBH & CO. KG	21/05/2010	CHENNAI
17	268653	4128/CHENP/2007	25/01/2006	21/03/2005	FUEL INJECTION DEVICE FOR A MULTI- CYLINDER INTERNAL COMBUSTION ENGINE	ROBERT BOSCH GMBH	16/11/2007	CHENNAI
18	268655	5425/CHENP/2008	10/04/2006	10/04/2006	A METHOD TO SELECTIVELY REMOVE SAFROLE FROM NUTMEG OIL	R.J; REYNOLDS TOBACCO COMPANY	20/03/2009	CHENNAI
19	268657	576/CHENP/2010	14/07/2008	31/07/2007	USE OF NUCLEATED PROPYLENE BUTENE TERPOLYMERS FOR THE PRODUCTION OF STERILIZABLE BLOWN FILMS	BOREALIS TECHNOLOGY OY	30/07/2010	CHENNAI
20	268661	1047/CHENP/2008	31/08/2006	02/09/2005	SOLVENT FREE POLYURETHANE DISPERSIONS FOR HARD SURFACE COATINGS	DOW GLOBAL TECHNOLOGIES LLC	12/09/2008	CHENNAI

21	268663	6321/CHENP/2008	27/12/2006	05/06/2006	POLYCARBONATE RESIN FILM AND MANUFACTURING PROCESS THEREOF	TEIJIN CHEMICALS LTD.	27/03/2009	CHENNAI
22	268664	287/CHE/2005	18/03/2005		METHOD FOR CONVERTING NON- IMAGE ATTACHMENTS TO IMAGE ATTACHMENTS IN EMAIL	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	16/03/2007	CHENNAI
23	268665	1312/CHENP/2009	01/10/2007	03/10/2006	METHOD AND APPARATUS FOR PROCESSING PRIMARY AND SECONDARY SYNCHRONIZATION SIGNALS FOR WIRELESS COMMUNICATION	Qualcomm Incorporated	21/08/2009	CHENNAI
24	268666	1444/CHENP/2008	29/07/2006	30/09/2005	ARYLTRICARBOXYL- ATTACHED PIGMENT- BASED INKS WITH IMPROVED SLEWING DECAP	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	28/11/2008	CHENNAI
25	268671	3187/CHE/2008	18/12/2008 17:35:38	26/12/2007	VEHICULAR ELECTRONIC CONTROL UNIT	HONDA MOTOR CO., LTD.	09/04/2010	CHENNAI
26	268673	3435/CHENP/2008	03/01/2007	04/01/2006	ROTARY CUTTING TOOL	SGS TOOL COMPANY	06/03/2009	CHENNAI
27	268681	5218/CHENP/2008	25/01/2007	09/03/2006	A VALVE CLUSTER WITH A SAFETY VALVE	FESTO AG & Co. KG	20/03/2009	CHENNAI
28	268682	1232/CHE/2006	14/07/2006 16:42:15	15/07/2005	A COMBINED PROCESS FOR CONVERTING A COAL LIQUEFIED OIL	CHINA PETROLEUM & CHEMICAL CORPORATION	15/06/2007	CHENNAI
29	268683	6256/CHENP/2008	27/03/2007	17/04/2006	A GASKET FOR FORMING A SEAL	FEDERAL-MOGUL CORPORATION	27/03/2009	CHENNAI
30	268684	2615/CHE/2009	28/10/2009 15:23:11	31/10/2008	AIR CLEANER DEVICE FOR SADDLE-RIDE TYPE VEHICLE	HONDA MOTOR CO., LTD.	11/06/2010	CHENNAI
31	268685	3149/CHENP/2008	31/10/2006	22/12/2005	PLASTIC-METAL COMBINATION AND FUEL INJECTION VALVE WITH A PLASTIC- METAL COMBINATION	ROBERT BOSCH GMBH	06/03/2009	CHENNAI
32	268686	1464/CHENP/2008	25/08/2006	25/08/2005	DUST BOOT WITH GREASE CHANNEL	FEDERAL-MOGUL CORPORATION	28/11/2008	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	268584	885/KOLNP/2008	28/07/2006	29/07/2005	GSK-3 INHIBITORS	NEUROPHARMA, S.A.	28/11/2008	KOLKATA
2	268585	1735/KOLNP/201 0	09/11/2008	09/11/2007	A PROCESS FOR REDUCING THE CONCENTRATION OF NITROGEN OXIDES IN COMBUSTION GASES FROM A PLURALITY OF COMBUSTORS	FUEL TECH, INC	25/11/2011	KOLKATA
3	268586	343/KOL/2007	09/03/2007 16:11:20	30/10/2006	METHOD FOR PLAYBACK OF BROADCAST DATA IN RECEIVER	LG ELECTRONICS, INC.	16/05/2008	KOLKATA
4	268603	1713/KOL/2008	03/10/2008	02/10/2007	METHOD TO DETECT A MODE-GEAR MISMATCH DURING STEADY STATE OPERATION OF AN ELECTRO- MECHANICAL TRANSMISSION AND MODIFYING THE OPERATION OF POWERTRAIN	GM GLOBAL TECHNOLOGY OPERATIONS INC.	05/06/2009	KOLKATA
5	268610	3807/KOLNP/200 9	22/04/2008	23/05/2007	FLAVOURING COMPOSITION	FIRMENICH SA	12/02/2010	KOLKATA
6	268614	341/KOLNP/2009	24/04/2007	04/08/2006	A COATING FORMULATION FOR MANUFACTURING AN ELECTRODE PLATE	DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD.	08/05/2009	KOLKATA
7	268618	1422/KOLNP/200 9	14/09/2007	15/09/2006	METHOD FOR COGNITIVE RADIO BASED COMMUNICATION AND METHOD FOR BROADCASTING POLICY INFORMATION FOR THE SAME	LG ELECTRONICS INC.	29/05/2009	KOLKATA
8	268621	494/KOL/2008	11/03/2008	20/03/2007	METHOD TO OFF LOAD TORQUE TRANSFER DEVICE OF A TRANSMISSION AND A CONTROL SYSTEM THEREOF	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA

9	268624	415/KOL/2008	03/03/2008		AN IMPROVED DRESSING DEVICE FOR A CYLINDRICAL GRINDING MACHINE	BHARAT HEAVY ELECTRICALS LIMITED	04/09/2009	KOLKATA
10	268625	78/KOL/2007	22/01/2007	24/03/2006	A TUNED INDUCTION CONTROL SYSTEM FOR AN ENGINE AND METHOD OF TUNING THE INDUCTION CONTROL SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC	05/10/2007	KOLKATA
11	268626	3931/KOLNP/200 6	21/06/2005	21/06/2004	A METHOD AND AN APPARATUS FOR MEASURING VOLTAGE AT A POWER SWITCHING DEVICE.	ABB TECHNOLOGY AG	22/06/2007	KOLKATA
12	268631	45/KOLNP/2010	06/06/2008	08/06/2007	AZAINDOLE-INDOLE COUPLED DERIVATIVES AND PREPARATION METHODS	JC(WUXI) COMPANY, INC	21/05/2010	KOLKATA
13	268635	3739/KOLNP/200 9	22/04/2008	23/04/2007	A POROUS COMPOSITE ELEMENT AND A VENTING APPARATUS EMPLOYING THE POROUS COMPOSITE ELEMENT	GORE ENTERPRISE HOLDINGS, INC.	19/03/2010	KOLKATA
14	268638	2224/KOLNP/200 6	08/02/2005	27/02/2004	AN AIR DRYER SYSTEM INCLUDING TWO IDENTICAL AIR DRYER UNITS	SKF USA INC.	25/05/2007	KOLKATA
15	268642	866/KOLNP/2008	06/09/2006	07/09/2005	HUMAN MONOCLONAL ANTIBODIES TO ACTIVIN RECEPTOR- LIKE KINASE-1	AMGEN FREMONT INC.,PFIZER INC.	28/11/2008	KOLKATA
16	268656	52/KOL/2005	23/02/2001	01/09/1998	A MECHANISM FOR ENCODING ONE OR MORE DIGITAL DOCUMENTS CONVEYING ADVICE FOR TRANSPORT ACROSS COMPUTER NETWORKS AND OTHER DIGITAL TRANSPORT MEDIA	International Business Machines Corporation	16/10/2009	KOLKATA
17	268659	2192/KOLNP/200 9	14/01/2008	23/01/2007	DISPERSE DYES, THEIR PREPARATION AND THEIR USE	DYSTAR COLOURS DISTRIBUTION GMBH	03/07/2009	KOLKATA
18	268676	2021/KOLNP/200 8	25/10/2006	28/10/2005	DEVICE FOR THE LATERAL MOUNTING AND DISMOUNTING OF A COMPRESSOR BARREL	MAN TURBO AG	16/01/2009	KOLKATA

19	268677	1023/KOLNP/200 8	23/08/2006	07/09/2005	RADIO COMMUNICATION IN A MULTI-RADIO LINK COMMUNICATIONS SYSTEM	NOKIA SIEMENS NETWORKS GMBH & CO. KG.	19/12/2008	KOLKATA
20	268678	3479/KOLNP/200 6	24/05/2005	26/05/2004	RESERVATION DEVICE AND METHOD FOR TRAVEL PRODUCTS	AMADEUS S.A.S.	15/06/2007	KOLKATA
21	268680	2488/KOLNP/200 7	22/12/2005	22/12/2004	BROADCASTING USER-SPECIFIC INFORMATION	FMR CORPORATION	24/08/2007	KOLKATA

## **CONTINUED TO PART- 2**

## CONTINUED FROM PART- 1

## **INTRODUCTION**

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

## DESIGN CORRIGENDUM

The Registered Design No. 202288 which has been erroneously published in the official Journal of India dated 07/08/2015, part –II , at page 47841, column 2 in the name of NINTENDO CO. LTD., A JAPANESE CORPORATION, OF 11-1, HOKOTATE-CHO, KAMITOBA, MINAMI-KU, KYOTO-SHI, KYOTO, JAPAN Class 21-03, Date of Registration 09/11/2005, Titled as ELECTRONIC GAME MACHINE, Priority NA should read as NINTENDO CO. LTD., A JAPANESE CORPORATION, OF 11-1, HOKOTATE-CHO, KAMITOBA, MINAMI-KU, KYOTO-SHI, KYOTO, JAPAN Class 21-03, Date of Registration 09/11/2005, Titled as ELECTRONIC GAME MACHINE, Priority Number 2005-13456 Dated 11/05/2005, Country JAPAN

## THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of NOKIA CORPORATION registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
255744	255744 (14-03)	MICROSOFT MOBILE
		OY, A CORPORATION
		ORGANIZED UNDER
		THE LAWS OF FINLAND
		OF THE ADDRESS
		KEILALAHDENTIE 2-4,
		02150 ESPOO, FINLAND

## THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of NOKIA CORPORATION registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
258751, 258749, 258603,	258751 (14-03),	MICROSOFT MOBILE
257553	258749 (14-03), 258603	OY, A CORPORATION
	(14-03), 257553 (14-03)	ORGANIZED UNDER
		THE LAWS OF FINLAND
		OF THE ADDRESS
		KEILALAHDENTIE 2-4,
		02150 ESPOO, FINLAND

## THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of GREIF SOUTH AFRICA (PTY) LTD registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
196921	11-02	GREIF
		INTERNATIONAL
		HOLDING B.V., OF
		BERGSEWEG 6, 3633 AK
		VREELAND, THE
		NETHERLANDS

## THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of MR. MIKHAIL LYUBACHEV registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
243188	14-01	UNMONDAY OY
		A FINNISH COMPANY
		OF LAIVAKATU 3, 00150
		HELSINKI, FINLAND

## THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of SUKHWINDER SINGH S/O S. NIRMAL SINGH registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
261006	15-09	AVTAR SINGH
		PROPRIETOR OF
		ENDICO POWER TOOLS
		(INDIA) 1268, 1269/3 &
		1276/1, STREET NO. 3,
		SHIMLAPURI
		LUDHIANA-3 (PB.) AN
		INDIAN NATIONAL

## THE DESIGNS ACT 2000 (SECTION 30) DESIGN ASSIGNMENT

The Design stands in the name of LA CHEMISE LACOSTE registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
194693	09-01	LACOSTE OF THE
		ADDRESS 8 RUE DE
		CASTIGLIONE, 75001
		PARIS, FRANCE

## CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Asstt. Controller of Patents & Designs by his order dated 31/8/2015 in respect of petition for cancellation (Petition No. Can/041/2010), cancelled the registration of registered Design No. 217009 dated 4/7/2008 under Class 02-04 titled as "Footwear" in the name of Sunrise Eva Products, C-622, Narela Industrial Area, Delhi – 110040, an Indian partnership firm whose partners are 1. Dheeraj Garg 2. Anil Goyal 3. Jai Bhagwan 4. Anil Bansal (HUF), all Indians of above address."

## CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Asstt. Controller of Patents & Designs by his order dated 4/9/2015 in respect of petition for cancellation (Petition No. Can/010/2014) filed by Komal Trading Corporation, an Indian proprietorship firm of B-12, Basement, Vaishali Industrial Estate, Balkrishna Tawade Road, Dahisar (West), Mumbai - 400068 on 28/4/2014, cancelled the registration of registered Design No. 243423 dated 27/2/2012 under class 07-02 titled as 'Oil Container' in the name of Manak Steel, (a partnership firm registered under Indian Partnership Act, 1932) At 14, Panchayat Wadi, Near Kabutarkhana, Bhuleswer, Mumbai 400002, Maharashtra, India whose partners are 1.Suresh Khanter (Indian nationals) & 2. Dilip Ranawat (Indian National), all are having above address."

## **REGISTRATION OF DESIGNS**

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	268021	
CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT  A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	268290
CLASS	13-03

1)BHARAT HEAVY ELECTRICALS LIMITED, WITH ONE OF ITS REGIONAL OFFICES AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO. 9/1, DJ BLOCK, 3RD FLOOR, KARUNAMOYEE, SLAT LAKE CITY, KOLKATA-700091,

HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI FORT, NEW DELHI-110049, INDIA, AN INDIAN COMPANY.

DATE OF REGISTRATION	18/12/2014	
TITLE	MICROCONTROLLER FOR ELECTROSTATIC PRECIPITATOR	



## PRIORITY NA

DESIGN NUMBER	269996
CLASS	08-08

1)JASWINDER SINGH, TRADING AS PRINCE STEEL INDUSTRIES HAVING OFFICE AT

D-81, PHASE-V, FOCAL POINT, LUDHIANA, INDIA, A PROPRIETORSHIP FIRM

DATE OF REGISTRATION	02/03/2015
TITLE	BOLT



DESIGN NUMBER	269436
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	10/02/2015	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	269470
CLASS	14-99

## 1)APPLE INC.,

1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA

DATE OF REGISTRATION	10/02/2015	
TITLE	BAND FOR ELECTRONIC DEVICE (SET)	



## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/498,995	11/08/2014	U.S.A.

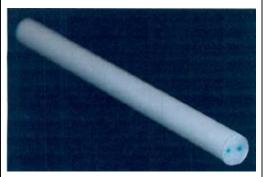


DESIGN NUMBER	222456	
CLASS	27-01	
1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED GLOBE HOUSE, 1 WATER STREET, LONDON, WC2R 3LA, U.K.		
DATE OF RECISTRATION 17/04/2009		

TITLE	MULTIPLE THREAD FILTER	
DATE OF REGISTRATION	17/04/2009	

## **PRIORITY**

ı	RIORITI		
	PRIORITY NUMBER	DATE	COUNTRY
	DM/070 882	20/10/2008	WIPO



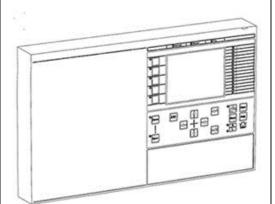
DESIGN NUMBER	264216
CLASS	13-03
1)ABB TECHNOLOGY LTD, A SWISS COMPANY OF	

AFFOLTERNSTRASSE 44, 8050 ZURICH, SWITZERLAND

DATE OF REGISTRATION	24/07/2014
TITLE	CONTROL APPARATUS FOR PROTECTION AND MONITORING A
	POWER SYSTEM NETWORK



PRIORITY NUMBER	DATE	COUNTRY
002391292-0002	24/01/2014	OHIM



DESIGN NUMBER	268019
CLASS	05-05

## 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



## PRIORITY NA

DESIGN NUMBER	268740
CLASS	28-03
ANIDIT ACADWAL ANIMDIAN CITIZEN	

## 1) UDIT AGARWAL, AN INDIAN CITIZEN,

C/O GANGA SANITARY STORE, STATION ROAD, MORADABAD-244001, UP, INDIA

DATE OF REGISTRATION	09/01/2015
TITLE	BATH SET
PRIORITY NA	



DESIGN NUMBER		269980	
CLASS	15-05		
1)PANASONIC CORPORATION EXISTING UNDER THE LAWS O 1006, OAZA KADOMA, KADOM	F JAPAN, OF		
DATE OF REGISTRATION	2'	7/02/2015	
TITLE	WASHI	NG MACHINE	
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	
201430334515.6	11/09/2014	CHINA	
201130331313.0	11/05/2011	CIMVI	
DESIGN NUMBER		269468	
CLASS		14-99	( Sec. 1)
1)APPLE INC., 1 INFINITE LOOP, CUPERTING AMERICA, A CORPORATION INCO			- Consp
DATE OF REGISTRATION	10	0/02/2015	
TITLE	BAND FOR ELEC	CTRONIC DEVICE (SET	
PRIORITY PRIORITY NUMBER 29/499,052	DATE 11/08/2014	COUNTRY U.S.A.	
29/499,032	11/00/2014	U.S.A.	
DESIGN NUMBER	1	246851	
1)ESCORTS LIMITED, OF AGR 18/4, MATHURA ROAD, FARID INCORPORATED UNDER THE REC 1860)	ABAD-121007, AN IND	DIAN REGISTERED BOI	
DATE OF REGISTRATION	31/07/2012		
TITLE	LOCO COUPLER		
PRIORITY NA			

DESIGN NUMBER	268023
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



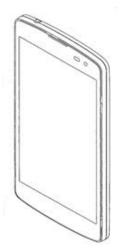
## PRIORITY NA

DESIGN NUMBER	268772
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	09/01/2015
TITLE	CELLULAR PHONE



## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0034246	11/07/2014	REPUBLIC OF KOREA

DESIGN NUMBER	269438	
CLASS	05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	10/02/2015	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	222458
CLASS	27-01

1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED

	`	,
GLOBE HOUSE, 1 WATER	STREET, LONDON,	WC2R 3LA, U.K.

DATE OF REGISTRATION	17/04/2009	
TITLE	MULTIPLE THREAD FILTER	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM/070 882	20/10/2008	WIPO

DESIGN NUMBER	270781	
CLASS	05-05	

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE,

SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	30/03/2015	
TITLE	TEXTILE FABRIC	



### PRIORITY NA

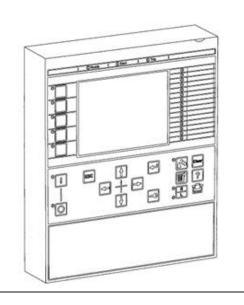
DESIGN NUMBER	264219
CLASS	13-03

## 1)ABB TECHNOLOGY LTD, A SWISS COMPANY OF AFFOLTERNSTRASSE 44, 8050 ZURICH, SWITZERLAND

DATE OF REGISTRATION	24/07/2014	
TITLE	CONTROL APPARATUS FOR PROTECTION AND MONITORING A POWER SYSTEM NETWORK	

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002391292-0005	24/01/2014	OHIM



DESIGN NUMBER	265743	
CLASS	09-03	

1)SHAIKH MOHAMMED IRFAN ABDUL SALAM, AN ADULT, INDIAN, PROPRIETOR OF GRACE ENTERPRISES, AN INDIAN COMPANY, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-5-1, PARK SITE COLONY, OPP. MADINA MASJID, VIKHROLI (W), MUMBAI-400079, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	18/09/2014	
TITLE	CONTAINER	



## PRIORITY NA

DESIGN NUMBER	267789	
CLASS	12-11	
1) HONDA MOTOR CO. LTD. A LABANIESE CORRORATION OF		

1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN

DATE OF REGISTRATION	28/11/2014	
TITLE	MOTORCYCLE	



## PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-012042	04/06/2014	JAPAN

DESIGN NUMBER	268026		
CLASS	05-05		

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	268122
CLASS	15-04

1)ESCORTS LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT SCO-232, 1ST FLOOR, SECTOR-20, PANCHKULA-134109, HARYANA, INDIA AND HAVING CORPORATE OFFICE AT

15/5, MATHURA ROAD, FARIDABAD-121003

DATE OF REGISTRATION	11/12/2014	
TITLE	LOADER	



## PRIORITY NA

DESIGN NUMBER	269441	
CLASS	05-05	

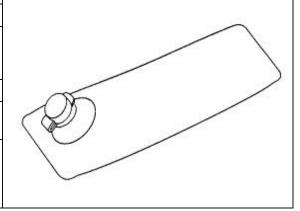
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	10/02/2015	
TITLE	TEXTILE FABRIC	



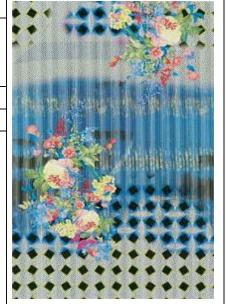
DESIGN NUMBER	222461		
CLASS	09-05		
1)THE PROCTER & GAMBLE COMPANY ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO-45202, U.S.A.			
DATE OF REGISTRATION	17/04/2009		
TITLE	THREE SEAL SACHET WITH A FRON' FACE FITMENT		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
1027932		27/10/2008	OHIM



DESIGN NUMBER	268018
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	

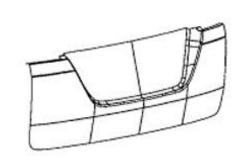


## PRIORITY NA

DESIGN NUMBER	269960	
CLASS	12-16	

## 1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	27/02/2015	
TITLE	TAILGATE PANEL OF A VEHICLE	

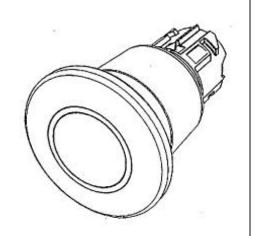


## PRIORITY NA

DESIGN NUMBER	268941	
CLASS	13-03	
1)SIEMENS AKTIENGESELLSCHAFT, OF		

WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY, A GERMAN COMPANY

DATE OF REGISTRATION	19/01/2015	
TITLE	PUSH BUTTON FOR LOW VOLTAGE SWITCHGEARS	



## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
001418172	24/07/2014	OHIM

DESIGN NUMBER	269425
CLASS	09-01

1)PARSHOTAMBHAI MOHANBHAI RATHOD, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT BHUMI INDUSTRIAL AREA, SURVEY NO. 253,

PLOT NO. 2/20, B/H. SARVODAYA, NEAR STREET OF WELDOR ENGG., N. H. 8-B, VERAVAL (SHAPER), TA. KOTDA SANGANI, DIST. RAJKOT, GUJARAT, INDIA

DATE OF REGISTRATION	09/02/2015	
TITLE	BOTTLE	



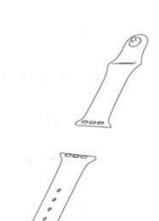
#### PRIORITY NA

DESIGN NUMBER	269467	
CLASS	14-99	

## 1)APPLE INC.,

1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA

DATE OF REGISTRATION	10/02/2015	
TITLE	BAND FOR ELECTRONIC DEVICE (SET)	



## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/498,990	11/08/2014	U.S.A.

DESIGN NUMBER	222417
CLASS	03-03

## 1)MEENABEN NILESHBAI SHAH

A1/4/2, OCEAN PARK, NR. NEHRU NAGAR CIRCLE, SATELLITE ROAD, AHMEDABAD-380015, GUJARAT, INDIA

DATE OF REGISTRATION	16/04/2009	
TITLE	WALKING STICK	



DESIGN NUMBER	262423
CLASS	23-04
1)RONY INDUSTRIAL CORPORATION, 205 SUDERSHAN PARK, NEAR NANDANPUR ROAD, MAQSUDAN JALANDHAR (PB.) INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	07/05/2014



## PRIORITY NA

TITLE

DESIGN NUMBER	234876	
CLASS	09-01	
1) <b>BONJOUR INTERNATIONAL</b> 15 UA JAWAHAR NAGAR, DEL	HI-110007, INDIA	
DATE OF REGISTRATION	02/03/2011	
TITLE	TIFFIN CARRIER	
PRIORITY NA		
DESIGN NUMBER	250673	
CLASS	12-16	
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF		MARGINA

03/01/2013

FRONT CORNER CUP OF A UTILITY VEHICLE

AIR COOLER



## **PRIORITY**

TITLE

DATE OF REGISTRATION

IMORITI		
PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM

DACHAUER STR. 667, 80995 MUNICH, GERMANY

DESIGN NUMBER	267416
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

TITLE PENDANT AND EARRING (SET)



## PRIORITY NA

DESIGN NUMBER	268029
CLASS	05-05

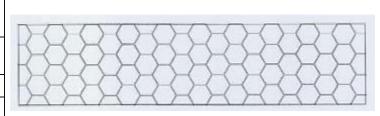
# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



DESIGN NUMBER	268131	
CLASS	25-01	
1)HALI AS, KYSTVEIEN 182, 4639, KRISTIANSAND, NORWAY, NATIONALITY-NORWAY		
DATE OF REGISTRATION	11/12/2014	
TITLE	BUILDING PANEL	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
20140548	13/06/2014	NORWAY



DESIGN NUMBER	270238
CLASS	21-01

1)AMOLAK TOYS, L-32, G. NO. 25, MAHENDRA PARK, DELHI-110033, INDIA
(AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- SMT. SANTOSH
RANI SEHGAL AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	10/03/2015
TITLE	TOY BUS



## PRIORITY NA

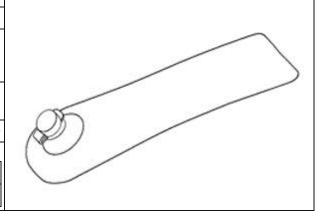
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	10/02/2015
TITLE	TEXTILE FABIRC



DESIGN NUMBER	2	222462		
CLASS		09-05		
1)THE PROCTER & GAMBLE COMPANY ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO-45202, U.S.A.				
DATE OF REGISTRATION	17	17/04/2009		
TITLE	COLLAPSIBLE T	UBE FOR PACKAGIN	G	
PRIORITY	•			
PRIORITY NUMBER	DATE	COUNTRY		
1027932	27/10/2008	OHIM		



DESIGN NUMBER	268022
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



## PRIORITY NA

DESIGN NUMBER	269997	
CLASS	08-08	
1) I ANNINED CHICH ED ADDIC ACEDINACE CERTIFICATION OF		

1)JASWINDER SINGH, TRADING AS PRINCE STEEL INDUSTRIES HAVING OFFICE AT

D-81, PHASE-V, FOCAL POINT, LUDHIANA, INDIA, A PROPRIETORSHIP FIRM

DATE OF REGISTRATION	02/03/2015
TITLE	BOLT



#### PRIORITY NA

DESIGN NUMBER	269437
CLASS	05-05

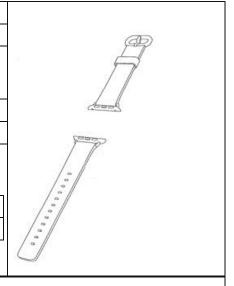
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

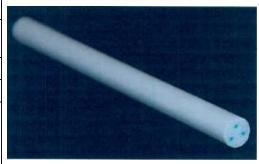
DATE OF REGISTRATION	10/02/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER		269471
CLASS		14-99
1) <b>APPLE INC.,</b> 1 INFINITE LOOP, CUPER AMERICA, A CORPORATION		
		10/02/2015
DATE OF REGISTRATION		10/02/2015
DATE OF REGISTRATION TITLE	BAND FOR E	
	BAND FOR E	
TITLE PRIORITY		LECTRONIC DEVICE (SET
PRIORITY PRIORITY NUMBER 29/498,994	DATE 11/08/2014	COUNTRY U.S.A.
TITLE PRIORITY PRIORITY NUMBER	DATE 11/08/2014	COUNTRY



DESIGN NUMBER		2	222457	
CLASS		27-01		
1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED GLOBE HOUSE, 1 WATER STREET, LONDON, WC2R 3LA, U.K.				
DATE OF REGISTRATION	17/04/2009			
TITLE		MULTIPLE	THREAD FILTER	
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
DM/070 882		20/10/2008	WIPO	
DESIGN NUMBER			270779	



CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT RELIABLE HOUSE, MILL COMPOUND, KANJURMARG (WEST), 8 MAHARASHTRA, INDIA	
DATE OF REGISTRATION 30/03/2015		

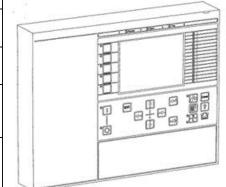
DATE OF REGISTRATION	30/03/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	264217
CLASS	13-03

## 1)ABB TECHNOLOGY LTD, A SWISS COMPANY OF AFFOLTERNSTRASSE 44, 8050 ZURICH, SWITZERLAND

DATE OF REGISTRATION	24/07/2014
TITLE	CONTROL APPARATUS FOR PROTECTION AND MONITORING A POWER SYSTEM NETWOK



## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002391292-0003	24/01/2014	OHIM

DESIGN NUMBER	268035
CLASS	05-05

## 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC

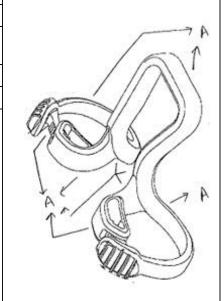


## PRIORITY NA

DESIGN NUMBER	268146
CLASS	24-02
1)ASAP BREATHEASSIST PTY LTD., AN AUSTRALIAN COMPANY OF	

## SUITE 1, 1233 HIGH STREET, ARMADALE, VICTORIA, 3143, AUSTRALIA

DATE OF REGISTRATION	12/12/2014
TITLE	NASAL DILATOR



## **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
13059/2014	20/06/2014	AUSTRALIA

DESIGN NUMBER		268641	
CLASS	24-01		
1)KARL STORZ GMBH & CO. MITTELSTRASSE 8, D-78532 T			
DATE OF REGISTRATION	05	5/01/2015	
TITLE	LAPAROSCOPIC A	EL ATTACHMENT FOR AND GYNECOLOGICAL TRUMENT	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002501155-0001	11/07/2014	OHIM	
DESIGN NUMBER		269058	
CLASS		12-15	
1)COMPAGNIE GENERALE DE COMPANY OF 12 COURS SABLE AND MICHELIN RECHERCHE I ROUTE LOUIS- BRAILLE 10 -	ON, F-63000, CLERMON ET TECHNIQUE S.A., A	NT-FERRAND, FRANCE, SWISS COMPANY OF	
DATE OF REGISTRATION	23	3/01/2015	
TITLE		TYRE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2014-3331	25/07/2014	FRANCE	
DESIGN NUMBER	2	269447	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF CO REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,	PANDESARA, SURAT-3	AVING ITS 194221 GUJARAT	
DATE OF REGISTRATION	+	/02/2015	
TITLE	TEXTI	LE FABRIC	
PRIORITY NA			

DESIGN NUMBER	268031
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



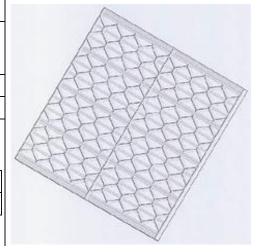
## PRIORITY NA

CLASS 25-01	DESIGN NUMBER	268132
	CLASS	25-01

#### 1)HALI AS,

KYSTVEIEN 182, 4639, KRISTIANSAND, NORWAY, NATIONALITY-NORWAY

DATE OF REGISTRATION	11/12/2014
TITLE	BUILDING PANEL



#### PRIORITY

1	IMOMITI		
	PRIORITY NUMBER	DATE	COUNTRY
	20140548	13/06/2014	NORWAY

DESIGN NUMBER	270239
CLASS	21-01

## 1)PLAYTONE PRODUCTS, F-4, GALI NO. 33, MAHENDRA PARK, DELHI-110033, INDIA.

(AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :- SH. MANJEET LAL. AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	10/03/2015
TITLE	TOY CAR



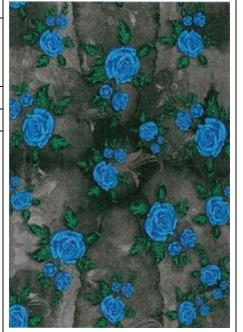
DESIGN NUMBER	269443	
CLASS	05-05	S TO SEE STORY
UNDER THE PROVISION OF CON REGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED MPANIES ACT, 1956 HAVING ITS  ANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	10/02/2015	N. Committee of the com
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	222466	
CLASS	08-06	
SLAES CORPORATION HAVING SHIVAM INDUSTRIAL ESTATE	A, A SOLE PROPRIETOR OF M/S SIGNET HIS PRICIPAL PLACE OF BUSINESS AT ,AJI DEM KOTHARIYA ESTATE,NEAR AKASH UMP.RAJKOT-360003 GUJARAT INDIA  20/04/2009	The same of the sa
TITLE PRIORITY NA	HANDLE	
	2,002,0	
DESIGN NUMBER	268036	
CLASS	05-05	
UNDER THE PROVISION OF CON REGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED IPANIES ACT, 1956 HAVING ITS  ANDESARA, SURAT-394221 GUJARAT	
DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	SIGN NUMBER 268642		
CLASS	15-06		
1)USTER TECHNOLOGIES AG, SONNENBERGSTRASSE 10, CH			
DATE OF REGISTRATION	05/0	01/2015	
TITLE	YARN	CLEARER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
201430242530.8	17/07/2014	CHINA	
DESIGN NUMBER		269448	
CLASS		05-05	型件。大型外表并由的社会并
UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P.	ANDESARA, SURAT	-394221 GUJARAT	<b>经过多的产生</b>
DATE OF REGISTRATION		10/02/2015	一位的特色的特色的特
TITLE	TEA	TILE FABRIC	
	TEA	TILE FABRIC	
PRIORITY NA	TEA	266945	
PRIORITY NA  DESIGN NUMBER  CLASS	TEA		
PRIORITY NA DESIGN NUMBER	F	266945 09-03	
PRIORITY NA  DESIGN NUMBER  CLASS  1)KRAFT FOODS R & D, INC., O  THREE PARKWAY NORTH, DE	F ERFIELD, ILLINOIS (	266945 09-03	
PRIORITY NA  DESIGN NUMBER  CLASS  1)KRAFT FOODS R & D, INC., O	F ERFIELD, ILLINOIS (	266945 09-03 60015, U.S.A.	
PRIORITY NA  DESIGN NUMBER  CLASS  1)KRAFT FOODS R & D, INC., O  THREE PARKWAY NORTH, DEI  DATE OF REGISTRATION  TITLE	F ERFIELD, ILLINOIS (	266945 09-03 60015, U.S.A. 28/10/2014	
PRIORITY NA  DESIGN NUMBER  CLASS  1)KRAFT FOODS R & D, INC., O  THREE PARKWAY NORTH, DE	F ERFIELD, ILLINOIS (	266945 09-03 60015, U.S.A. 28/10/2014	

DESIGN NUMBER	268042
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY	

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



## PRIORITY NA

DESIGN NUMBER	268648
CLASS	25-01

1)BHARAT FLOORINGS & TILES (MUMBAI) PVT LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

32, BOMBAY SAMACHAR MARG, FORT, MUMBAI-400023, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	05/01/2015
TITLE	TILE



## PRIORITY NA

DESIGN NUMBER 269883	
CLASS 25-01	
1)SIAN PASCALE, AN INDIVIDUAL OF AUSTRALIAN NATIONALITY HAVING	

– 1)SIAN PASCALE, AN INDIVIDUAL OF AUSTRALIAN NATIONALITY HAV ADDRESS

14, NELSON STREET, SANDRING	SHAM, VIC 3191, AUSTRALIA
DATE OF REGISTRATION	26/02/2015
TITLE	TILE



DESIGN NUMBER	268865
CLASS	02-04

## 1)M/S. ELISIR LIFESTYLE PVT. LIMITED, WHOSE ADDRESS IS

E-13, GREATER KAILASH ENCLAVE PART-1, NEW DELHI-110048, (INDIA), AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	14/01/2015	
TITLE	SOLE FOR SHOES	
DDIODITY NA		



DESIGN NUMBER	269070
CLASS	12-08

## 1) GREAT WALL MOTOR COMPANY LIMITED, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF P.R. CHINA OF

2266 CHAOYANG SOUTH STREET, BAODING CITY, HEBEI PRO., PEOPLE'S REPUBLIC OF CHINA

DATE OF REGISTRATION	23/01/2015		
TITLE	CAR		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
201430266541.X		31/07/2014	CHINA



DESIGN NUMBER	269256
CLASS	12-16

#### 1)SWISS AUTO PVT. LTD.,

B-2, S.M.A. INDUSTRIAL ESTATE G.T. KARNAL ROAD, DELHI-110033 INDIAN NATIONAL PVT. COMPANY

DATE OF REGISTRATION	03/02/2015	
TITLE	BLINKER FOR VEHICLES	



DESIGN NUMBER	268508
CLASS	02-04
1)SHYAM FOOT TECH PVT. LTD., E-5. OLD INDUSTRIAL AREA, BAHADURGARH-124507 (HARYANA), INDIA [AN	

DATE OF REGISTRATION 31/12/2014			
INDIAN PRIVATE LIMITED COMPANY]			
	E 3, OED INDESTRUBETION, BINING CROTHER 12 1307 (IN IRTIN 17), INDITE		

DATE OF REGISTRATION	31/12/2014
TITLE	FOOTWEAR



## PRIORITY NA

DESIGN NUMBER	267216
CLASS	09-03

1)MARLIDO, LLC A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF CONNECTICUT, USA OF 326 BROOKSIDE ROAD, DARIEN, CT 06820, THE UNITED STATES OF AMERICA

DATE OF REGISTRATION		05/11/2014	
TITLE	PORTABLE CONTAINER FOR WATER SUPPLY		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/492 884	03/06/2014	USA	

DESIGN NUMBER	268013
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



DESIGN NUMBER	268048
CLASS	05-05

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	270690
CLASS	14-03
1)SAMSUNC ELECTRONICS CO	I TD

#### 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	27/03/2015
TITLE	MOBILE PHONE

## PRIORITY

П	IMOMII		
	PRIORITY NUMBER	DATE	COUNTRY
	30-2014-0048505	08/10/2014	REPUBLIC OF KOREA

DESIGN NUMBER	268915
CLASS	13-03

#### 1)ANANDKUMAR MAHENDBRABHAI SHAH,

B-30, VRUNDAVAN PARK, OPP. AVSAR PARTY PLOT, SAMA-SAVALI ROAD, VADODARA-390024, GUJARAT, INDIA; NATIONALITY: INDIAN

DATE OF REGISTRATION	16/01/2015
TITLE	ELECTRICAL SWITCH BOARD

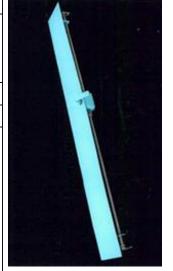


DESIGN NUMBER	269130
CLASS	08-07

## 1)M/S. ARUN ENTERPRISES, B-48, SITE-4, INDUSTRIAL AREA, SAHIBABAD, DISTT-GHAZIABAD-201010, U.P., INDIA AN INDIAN PARTNERSHIP FIRM

WHOSE PARTNERS ARE: SH. C. L. DHIR, SH. ARUN DHIR, SH. TARUN DHIR AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	28/01/2015
TITLE	DOOR LOCK



#### PRIORITY NA

DESIGN NUMBER	
CLASS	05-05

## 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



## PRIORITY NA

DESIGN NUMBER	268045
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



DESIGN NUMBER	268188
CLASS	29-02

## 1)DR. SANJAY NARAYAN GAIKWAD AND DR. VIJAYA SANJAY GAIKWAD ALL INDIAN NATIONALS WHOSE ADDRESS IS

A/121 KATE RESIDENCY, S.T. WORKSHOP ROAD, DAPODI, PUNE-411012, MAHARASHTRA, INDIA

DATE OF REGISTRATION	15/12/2014
TITLE	BREATHING MASK FOR PREVENTING AIRBORNE DISEASES



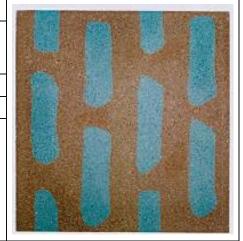
#### PRIORITY NA

DESIGN NUMBER	269886
CLASS	25-01

## 1)SIAN PASCALE, AN INDIVIDUAL OF AUSTRALIAN NATIONALITY HAVING ADDRESS

14, NELSON STREET, SANDRINGHAM, VIC 3191, AUSTRALIA

DATE OF REGISTRATION	26/02/2015
TITLE	TILE



#### PRIORITY NA

DESIGN NUMBER	269125
CLASS	15-07

## 1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913,

GODREJ APPLIANCE, PLANT 11, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA

DATE OF REGISTRATION	28/01/2015
TITLE	REFRIGERATOR



DESIGN NUMBER	269283
CLASS	07-02

1)ELICA PB INDIA PRIVATE LIMITED, A COMPANY REGISTERED UNDER THE PROVISION OF INDIAN COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT

37/1/1, KONDHWA PISOLI ROAD, PISOLI, PUNE-411028, MAHARASHTRA, **INDIA** 

DATE OF REGISTRATION	04/02/2015
TITLE	BURNER FOR GAS STOVES
PRIORITY NA	



DESIGN NUMBER	271703
CLASS	11-02
1)MA DESIGN INDIA PRIVATE I IMITED A COMPANY INCORPORATED IN	

INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA

DATE OF REGISTRATION	27/04/2015
TITLE	VASE



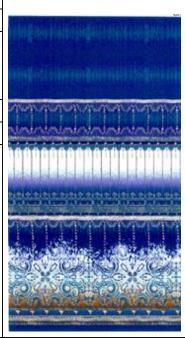
#### PRIORITY NA

	DESIGN NUMBER	271094
	CLASS	05-05
1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SA		NDIAN INHABITANT) S/O LATE SHRI SATISH

CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015
TITLE	TEXTILE FABRIC

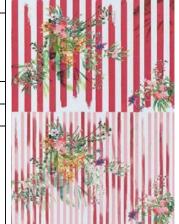


DESIGN NUMBER	268014
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



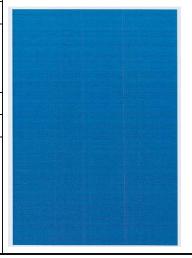
#### PRIORITY NA

DESIGN NUMBER	268074	
CLASS	05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	268260
CLASS	09-07

1)MR. SAMIR SANGHAVI (PROPRIETOR - AN INDIAN RESIDENT) TRADING AS M/S. PRIME PACKAGING (A PROPRIETARY CONCERN) WHOSE ADDRESS IS

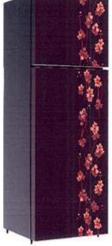
D/402, HEERAMANEK, NEW MANEKLAL ESTATE, L.B.S. MARG, GHATKOPAR (W), MUMBAI-400086, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/12/2014
TITLE	SEALING CAP
PRIORITY NA	



DESIGN NUMBER			269	923	
CLASS					
1)UNILEVER PLC, A CON UNDER COMPANY NO. 41 UNILEVER HOUSE, 100 UNITED KINGDOM	424 OF				0
DATE OF REGISTRATION			27/02	/2015	
TITLE		WA	TER PURIFIC	CATION DEVICE	
PRIORITY PRIORITY NUMBER		DATE COUNTRY		COUNTRY	
002528760-0001		01/09/20	014	OHIM	
DESIGN NUMBER			270	691	
CLASS			14-	-03	
1)SAMSUNG ELECTRON 129, SAMSUNG-RO, YEO REPUBLIC OF KOREA, A CO	ONGTONO	G-GU, SUW			00000
DATE OF REGISTRATION		27/03/2015		/2015	
TITLE MOBILE PHONE		E PHONE			
PRIORITY PRIORITY NUMBER 30-2014-0049464	DAT 15/10	TE COUNTRY 0/2014 REPUBLIC OF KOREA			
DESIGN NUMBER			268	011	
CLASS		05-05		-05	
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT					
DATE OF REGISTRATION		09/12/2014		/2014	
TITLE		TEXTILE FABRIC		E FABRIC	
PRIORITY NA					

DESIGN NUMBER		268046	
CLASS		05-05	
UNDER THE PROVISION REGISTERED OFFICE AT	OF COMPANIES A	T. LTD. A COMPANY REGISTERE ACT, 1956 HAVING ITS A, SURAT-394221 GUJARAT	D
DATE OF REGISTRATION	N	09/12/2014	
TITLE		TEXTILE FABRIC	
PRIORITY NA			
DESIGN NUMBER		270688	
CLASS		14-03	
1)SAMSUNG ELECTRON 129, SAMSUNG-RO, YE REPUBLIC OF KOREA, A C	ONGTONG-GU, SU	WON-SI, GYEONGGI-DO, 443-742, JBLIC OF KOREA	(100)
DATE OF REGISTRATION	N	27/03/2015	
TITLE		MOBILE PHONE	
PRIORITY PRIORITY NUMBER 30-2014-0048509	DATE 08/10/2014	COUNTRY REPUBLIC OF KOREA	
DESIGN NUMBER		269126	
CLASS		15-07	
MUMBAI-400079, INDIA	THE COMPANIES LANT 11, PIROJSH	S ACT, 1913, ANAGAR, VIKHROLI (WEST),	· · · · · · · · · · · · · · · · · · ·
DATE OF REGISTRATION	N	28/01/2015	
TITLE		REFRIGERATOR	



DESIGN NUMBER	269889
CLASS	14-01

### 1)TELEMART SHOPPING NETWORK PRIVATE LIMITED, AN INDIAN COMPANY HAVING ITS ADDRESS AT:

296-BANGLA CHOWK, NEB SARAI, DISPENSARY STREET, IGNOU COLLEGE MAIN ROAD, DELHI-110068

DATE OF REGISTRATION	26/02/2015
TITLE	ELECTRONIC DEVICE FOR AUDIO AND VIDEO DISPLAY



#### PRIORITY NA

DESIGN NUMBER	271095
CLASS	05-05

## 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER 268016	268016			
<b>CLASS</b> 05-05				

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



DESIGN NUMBER	268093		
CLASS	09-01		

## 1)GIRISH CHEMICAL INDUSTRIES, D-7, BSR INDL. AREA, SITE-1, GHAZIABAD, U.P., INDIA

(AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- SH. SHRAVAN KUMAR AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	09/12/2014		
TITLE	BOTTLE		



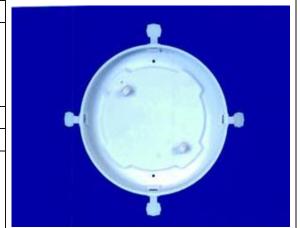
#### PRIORITY NA

DESIGN NUMBER	268262
CLASS	09-07

# 1)MR. SAMIR SANGHAVI (PROPRIETOR - AN INDIAN RESIDENT) TRADING AS M/S. PRIME PACKAGING (A PROPRIETARY CONCERN) WHOSE ADDRESS IS

D/402, HEERAMANEK, NEW MANEKLAL ESTATE, L.B.S. MARG, GHATKOPAR (W), MUMBAI-400086, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/12/2014				
TITLE	SEALING CAP				



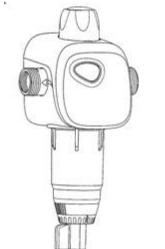
#### PRIORITY NA

269926	
23-01	1

## 1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF

UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

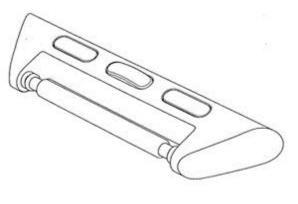
DATE OF REGISTRATION	27/02/2015			
TITLE	WATER FILTERATION DEVICE			



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002528844-0001	01/09/2014	OHIM
		<u> </u>

DESIGN NUMBER		270732				
CLASS		15-05				
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 44 742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA			O, 443			
DATE OF REGISTRATION			30/0	3/2015		
TITLE	7	WASHBO	ARD FOR	RD FOR WASHING MACHINE		
PRIORITY	•					
PRIORITY NUMBER	DATI	E	COUNTE	RY		
30-2014-0048841	10/10	)/2014	REPUBL	IC OF KOREA		
DESIGN NUMBER			2694	13		
CLASS			26-0	)3		
1)SCHREDER S.A. OF RUE DE LUSAMBO, 67, B. 1190 BRUXELLES, BELGIUM, A BELGIUM COMPANY DATE OF REGISTRATION 09/02/2015			UM			
		OUTDO				
TITLE OUTDOOR LIGHTING FIXTURE						
PRIORITY PRIORITY NUMBER DATE		DATE	TE COUNTRY			
			1.4	OHIM		
002320704-0001	002526764-0001   28/08/2014   OHIM		OHW			
DESIGN NUMBER		269465				
CLASS		14-99				
1)APPLE INC.,  1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA			6			
DATE OF REGISTRATION		10/02/2015			W	000
TITLE	BANE	BAND ACCESSORY FOR ELECTRONIC DEVICE				



COUNTRY

U.S.A.

DATE

11/08/2014

PRIORITY

29/498,987

PRIORITY NUMBER

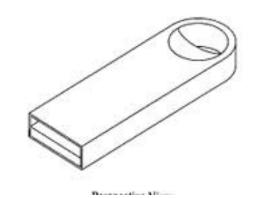
DESIGN NUMBER	269664		
CLASS	14-02		

## 1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN

DATE OF REGISTRATION	18/02/2015			
TITLE	DATA RECORDING DEVICE			



PRIORITY NUMBER	DATE	COUNTRY
2014-026374	26/11/2014	JAPAN



DESIGN NUMBER	254664		
CLASS 16-06			
1) JENOPTIK OPTICAL SYSTEMS GMBH, OF THE ADDRESS			

#### 1)JENOPTIK OPTICAL SYSTEMS GMBH, OF THE ADDRESS GÖSCHWITZER STRASSE 25, 07745 JENA, GERMANY

DATE OF REGISTRATION	21/06/2013	
TITLE	OPTICAL LENS	

PRIORITY

IMOMII		
PRIORITY NUMBER	DATE	COUNTRY
DE 40 2012 005 765.7	21/12/2012	GERMANY



DESIGN NUMBER 268038	
CLASS 05-05	

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	268644
CLASS	25-01

# 1)BHARAT FLOORINGS & TILES (MUMBAI) PVT LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

32, BOMBAY SAMACHAR MARG, FORT, MUMBAI-400023, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	05/01/2015	
TITLE	TILE	



#### PRIORITY NA

DESIGN NUMBER	245019		
<b>CLASS</b> 23-03			
1)VINOD AGGARWAL "A" • BUNGLOW, OPP. HANS RAJ COLLECGE,			
A * DUNGLOW, OIT. HANS KAJ COLLECGE,			

MALKA GANJ, DELHI-110007, INDIA

DATE OF
REGISTRATION

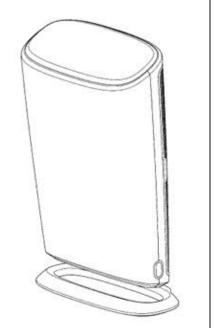
30/04/2012

TITLE BURNER ASSEMBLY FOR COOKING STOVE



#### PRIORITY NA

DESIGN NUMBER	269066		
CLASS	23-04		
1)LG ELECTRONICS INC., 128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, KOREA			
DATE OF REGISTRATION	ON 23/01/2015		
	AIR PURIFIER		

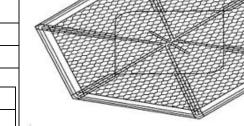


DESIGN NUMBER	265620
<b>CLASS</b> 24-01	
AND THE RESERVE OF THE PROPERTY OF THE PROPERT	

## 1)JOHNSON & JOHNSON MEDICAL GMBH, A COMPANY ORGANIZED UNDER THE LAWS OF GERMANY OF

ROBERT-KOCH-STRASSE 1, 22851 NORDERSTEDT, GERMANY

DATE OF REGISTRATION	11/09/2014		
TITLE	SURGICAL MESH IMPLANT		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	



DESIGN NUMBER	266734	
CLASS	15-99	

12/03/2014

OHIM

#### 1)PMP PRO-MEC S.P.A.,

001405716-0001

VIA DELL'INDUSTRIA 2, 33030 COSEANO (UD), ITALY, NATIONALITY: ITALY

DATE OF REGISTRATION	15/10/2014
TITLE	DRIVE COUPLED WITH DRUM OF CONCRETE MIXER



#### **PRIORITY**

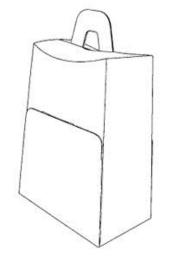
PRIORITY NUMBER	DATE	COUNTRY
002447680-0003	15/04/2014	OHIM

DESIGN NUMBER	266943
CLASS	09-03
1)KRAFT FOODS R & D, INC., OF	
THREE PARKWAY NORTH, DEERFIELD, ILLINOIS 60015, U.S.A.	

DA	TE OF REGISTRATION	28/10/2014
TIT	TLE	PACKAGING

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
002455378	29/04/2014	OHIM



DESIGN NUMBER	268040
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERE	
LINDER THE PROVISION OF COM	PANIES ACT. 1956 HAVING ITS

REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	268646
CLASS	25-01

1)BHARAT FLOORINGS & TILES (MUMBAI) PVT LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

32, BOMBAY SAMACHAR MARG, FORT, MUMBAI-400023, STATE OF MAHARASHTRA, INDIA

	DATE OF REGISTRATION	05/01/2015
TITLE	TITLE	TILE



#### PRIORITY NA

DESIGN NUMBER 269068		
CLASS 23-04		
1) <b>LG ELECTRONICS INC.,</b> 128, YEOUI-DAERO, YEONG	1)LG ELECTRONICS INC., 128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, KOREA	
DATE OF REGISTRATION 23/01/2015		
TITLE AIR PURIFIER		



DESIGN NUMBER	268032
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	268134
CLASS	14-01
4) *** • • • • • • • • • • • • • • • • •	A GOLERANTI OR GANGER AND ENTERTING

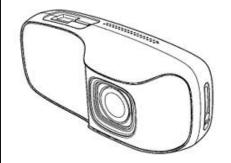
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS

HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS

DATE OF REGISTRATION	11/12/2014
TITLE	AUTOMOTIVE DRIVING RECORDER



PRIORITY NUMBER	DATE	COUNTRY
002492637-0001	29/06/2014	OHIM



DESIGN NUMBER	270240
CLASS	21-01

1)PLAYTONE PRODUCTS, F-4, GALI NO. 33, MAHENDRA PARK, DELHI-110033, INDIA.

(AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :- SH. MANJEET LAL. AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	10/03/2015
TITLE	TOY CAR



DESIGN NUMBER	245566
CLASS	09-01
1)RANA SUGARS LIMITED, SCO 49-50, SECTOR 8-C, MADHY LIMITED COMPANY, AN INDIA NA	A MARG, CHANDIGARH INDIA, PRIVATE TIONAL
DATE OF REGISTRATION	24/05/2012
TITLE	BOTTLE
I .	
PRIORITY NA  DESIGN NUMBER	268024
	268024 05-05
DESIGN NUMBER CLASS  1)SIDDHI VINAYAK KNOTS & PLUNDER THE PROVISION OF COMREGISTERED OFFICE AT	05-05 RINTS PVT. LTD. A COMPANY REGISTEREI

TEXTILE FABRIC

#### PRIORITY NA

TITLE

DESIGN NUMBER	244737	
<b>CLASS</b> 09-01		
1)RANA SUGARS LIMITED SCO 49-50, SECTOR 8-C, MADHYA MARG, CHANDIGARH, INDIA		
DATE OF REGISTRATION 23/04/2012		
TITLE BOTTLE		



DESIGN NUMBER		269439	
CLASS	05-05		******
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA	PANIES ACT, 1956	HAVING ITS	
DATE OF REGISTRATION	10/02/2015		
TITLE	TEX	KTILE FABRIC	
PRIORITY NA			
DESIGN NUMBER	:	222459	
CLASS	27-01		
1)BRITISH AMERICAN TOBACO GLOBE HOUSE, 1 WATER STRE			
DATE OF REGISTRATION	17	7/04/2009	
TITLE	MULTIPLE	THREAD FILTER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	<b>3</b>
DM/070 882	20/10/2008	WIPO	
DESIGN NUMBER	270783		
CLASS		06-01	
1)NATIONAL INSTITUTE OF DE PALDI, AHMEDABAD-380007, G			
DATE OF REGISTRATION	30/03/2015		
TITLE	CHAIR		
	1		

	T			
DESIGN NUMBER		266946		
CLASS		09-03		
1)KRAFT FOODS R & D, INC THREE PARKWAY NORTH		NOIS 60015, U.S.A.		
DATE OF REGISTRATION	2	28/10/2014		2000
TITLE	PA	PACKAGING		
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		~ ~ ~
002455378	29/04/2014	OHIM		~
DESIGN NUMBER		268008	•	
CLASS		05-05		
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GID	COMPANIES ACT,	, 1956 HAVING ITS	SIERED	
DATE OF REGISTRATION		09/12/2014		· The state of the
TITLE		TEXTILE FABRIC		
PRIORITY NA				
DESIGN NUMBER		268043		
CLASS		05-05		
1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GID	COMPANIES ACT,	, 1956 HAVING ITS	STERED	
DATE OF REGISTRATION		09/12/2014		
TITLE		TEXTILE FABRIC		
PRIORITY NA			_	

DESIGN NUMBER	268649
CLASS	25-01

1)BHARAT FLOORINGS & TILES (MUMBAI) PVT LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT 32, BOMBAY SAMACHAR MARG, FORT, MUMBAI-400023,

STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	05/01/2015
TITLE	TILE



#### PRIORITY NA

DESIGN NUMBER	269071
CLASS	12-08

1)GREAT WALL MOTOR COMPANY LIMITED, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF P.R. CHINA OF 2266 CHAOYANG SOUTH STREET, BAODING CITY, HEBEI PRO., PEOPLE'S REPUBLIC OF CHINA

DATE OF REGISTRATION	23/01/2015	
TITLE	CAR	

#### **PRIORITY**

П	1101011		
	PRIORITY NUMBER	DATE	COUNTRY
	201430266541.X	31/07/2014	CHINA



DESIGN NUMBER	269884
CLASS	25-01

1)SIAN PASCALE, AN INDIVIDUAL OF AUSTRALIAN NATIONALITY HAVING ADDRESS

14, NELSON STREET, SANDRINGHAM, VIC 3191, AUSTRALIA		
DATE OF REGISTRATION 26/02/2015		
TITLE		





DESIGN NUMBER	2	269264	
CLASS	08-05		<i>P</i> 2
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MO 400001, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	03/	/02/2015	
TITLE	TOOL FOR RE	EMOVING RELAYS	
PRIORITY NA			
DESIGN NUMBER	2	264041	
CLASS		13-02	
1)SMA SOLAR TECHNOLOGY SONNENALLEE 1, 34266 NIEST		PANY OF	
DATE OF REGISTRATION	15/	/07/2014	0.55
TITLE	IN	VERTER	
PRIORITY			(EXCEPTION OF
PRIORITY NUMBER	DATE	COUNTRY	
002385195-0002	16/01/2014	ОНІМ	
		l	
DESIGN NUMBER	2	271091	
CLASS		05-05	
1)MR. SIDDHARATH BINDRA ( CHANDER BINDRA, R/O BINDRA FARM, F-4 ANSA DELHI-110074	,		Continues the Continues the
DATE OF REGISTRATION	06.	/04/2015	<b>司司首司司司司司司司</b> 司
TITLE	TEXTI	LE FABRIC	and the continues beautiful and
PRIORITY NA			

DESIGN NUMBER	267218
CLASS	09-03
1)MARLIDO, LLC A LIMITED LIABILITY COMPANY ORGANIZED AND	

1)MARLIDO, LLC A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF CONNECTICUT, USA OF 326 BROOKSIDE ROAD, DARIEN, CT 06820, THE UNITED STATES OF AMERICA

DATE OF REGISTRATION	05/11/2014
TITLE	PORTABLE CONTAINER FOR WATER SUPPLY



PRIORITY NUMBER	DATE	COUNTRY
29/492,887	03/06/2014	U.S.A.

DESIGN NUMBER	268015
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



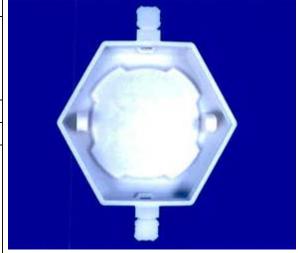
#### PRIORITY NA

DESIGN NUMBER	268261
CLASS	09-07

1)MR. SAMIR SANGHAVI (PROPRIETOR - AN INDIAN RESIDENT) TRADING AS M/S. PRIME PACKAGING (A PROPRIETARY CONCERN) WHOSE ADDRESS IS

D/402, HEERAMANEK, NEW MANEKLAL ESTATE, L.B.S. MARG, GHATKOPAR (W), MUMBAI-400086, MAHARASHTRA, INDIA

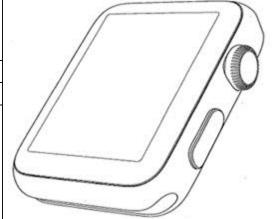
DATE OF REGISTRATION	18/12/2014	
TITLE	SEALING CAP	



DESIGN NUMBER		270719			
CLASS		07-99			
1)MA DESIGN INDIA PRIVA INDIA HAVING ITS PRINCIP A-41, SECTOR-80, PHASE-I	AL PLACE OF E	BUSINESS	AT	TED IN	
DATE OF REGISTRATION		30	0/03/2015		The state of the s
TITLE		IC	E SCOOP		
PRIORITY NA	1				
DESIGN NUMBER			269925		
CLASS			23-01		
1)UNILEVER PLC, A COMP UNDER COMPANY NO. 41424 UNILEVER HOUSE, 100 VIO UNITED KINGDOM	OF	KMENT, L	ONDON, EC4Y 0		
DATE OF REGISTRATION		27/02/2015			
TITLE	WA	WATER PURIFICATION DEVICE			
PRIORITY PRIORITY NUMBER 002528828-0001	DATE 01/09/		COUNTRY OHIM		100
DESIGN NUMBER		269464			
CLASS		14-02			
1)APPLE INC., 1 INFINITE LOOP, CUPERT					
OF AMERICA, A CORPORATIO CALIFORNIA	ON INCORPORA	TED IN TH	E STATE OF	0	
OF AMERICA, A CORPORATIO	ON INCORPORA	10/02/2015			

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/499,042	11/08/2014	U.S.A.



DESIGN NUMBER	269655
CLASS	09-07
1)MDINAL DOVAL AN INDIAN OF	

#### 1)MRINAL DOVAL, AN INDIAN OF

HOUSE NO. C-204, DOON TRAFALGAR, NEAR I. T. PARK, DHORAN KHAS, DEHRADUN, PIN-248001, UTTARAKHAND, INDIA

DATE OF REGISTRATION	18/02/2015
TITLE	CAP FOR BOTTLE WITH TAMPER EVIDENT RING

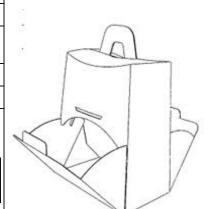


#### PRIORITY NA

DESIGN NUMBER	266944	
CLASS	09-03	
1)KRAFT FOODS R & D, INC., OF THREE PARKWAY NORTH, DEERFIELD, ILLINOIS 60015, U.S.A.		
DATE OF REGISTRATION 28/10/2014		
TITLE	PACKAGING	

#### PRIORITY

П	IMOMII		
	PRIORITY NUMBER	DATE	COUNTRY
	002455378	29/04/2014	OHIM



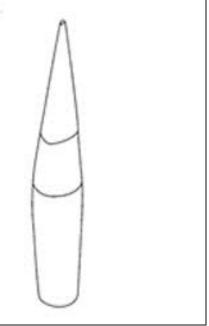
DESIGN NUMBER	267994
CLASS	28-02
CLASS	28-02

## 1)ELC MANAGEMENT LLC, A DELAWARE CORPORATION OF 155 PINELAWN ROAD, SUITE 345 SOUTH, MELVILLE, NY 11747, USA

DATE OF REGISTRATION	08/12/2014	
TITLE	MASCARA PACKAGE	

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/499,341	14/08/2014	U.S.A.



DESIGN NUMBER	268041
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	268647
CLASS	25-01

# 1)BHARAT FLOORINGS & TILES (MUMBAI) PVT LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT

32, BOMBAY SAMACHAR MARG, FORT, MUMBAI-400023, STATE OF MAHARASHTRA, INDIA

DATE OF REGISTRATION	05/01/2015
TITLE	TILE

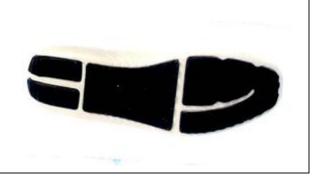
268864



#### PRIORITY NA

DESIGN NUMBER

CLASS	02-04	
1)M/S. ELISIR LIFESTYLE PVT. LIMITED, WHOSE ADDRESS IS E-13, GREATER KAILASH ENCLAVE PART-1, NEW DELHI- 110048, (INDIA), AN INDIAN NATIONAL OF THE ABOVE ADDRESS		
DATE OF 14/01/2015 REGISTRATION		
TITLE SOLE FOR SHOES		
PRIORITY NA		



DESIGN NUMBER	249315
CLASS	24-02
1)MACRO DENTAL WORLD PRIVATE LIMITED	

BACKSIDE TV CENTRE, NEAR ASSA PURAN GURUDWARA, DYAL NAGAR, JALANDHAR-144002, INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	08/11/2012	
TITLE	PACKAGE FOR DENTAL RESIN	



#### PRIORITY NA

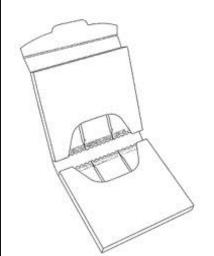
DESIGN NUMBER	MBER 266942	
CLASS 09-03		
1)KRAFT FOODS R & D, INC., OF THREE PARKWAY NORTH, DEERFIELD, ILLINOIS 60015, U.S.A.		
DATE OF REGISTRATION 28/10/2014		

**PACKAGING** 

PP	TO	DI	П	$\mathbf{v}$

TITLE

1 MOM11				
PRIORITY NUMBER	DATE	COUNTRY		
002455501	29/04/2014	OHIM		



DESIGN NUMBER	268039	
CLASS	05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	268645	
CLASS	25-01	
1)BHARAT FLOORINGS & TILE INCORPORATED UNDER THE IN REGISTERED OFFICE AT	S (MUMBAI) PVT LTD., A COMPANY DIAN COMPANIES ACT, 1956, HAVING ITS  G, FORT, MUMBAI-400023, STATE OF	
DATE OF REGISTRATION	05/01/2015	
TITLE	TILE	
PRIORITY NA		
DESIGN NUMBER	269067	
CLASS	23-04	
1)LG ELECTRONICS INC., 128, YEOUI-DAERO, YEONGDE	UNGPO - GU, SEOUL 150 - 721, KOREA	
DATE OF REGISTRATION	23/01/2015	
TITLE	AIR PURIFIER	
PRIORITY NA	268034	
DESIGN NUMBER CLASS	05-05	
1)SIDDHI VINAYAK KNOTS & F UNDER THE PROVISION OF COM REGISTERED OFFICE AT	PRINTS PVT. LTD. A COMPANY REGISTERED	
DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER		268145	
CLASS		24-02	
1)ASAP BREATHEASSIST PTY SUITE 1, 1233 HIGH STREET, A			
DATE OF REGISTRATION		12/12/2014	0
TITLE	NA	SAL DILATOR	1
PRIORITY NUMBER 13058/2014	DATE 20/06/2014	COUNTRY AUSTRALIA	
DESIGN NUMBER		269446	
CLASS		05-05	
1)SIDDHI VINAYAK KNOTS &		6 HAVING ITS	
REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC,	PANDESARA, SURAT	Γ-394221 GUJARAT 10/02/2015	1
UNDER THE PROVISION OF COREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, DATE OF REGISTRATION TITLE			



# DESIGN NUMBER CLASS 05-05 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT		
DATE OF REGISTRATION 09/12/2014		
TITLE	TEXTILE FABRIC	



DESIGN NUMBER			268643	
CLASS			25-01	
1)BHARAT FLOORINGS & T INCORPORATED UNDER THI REGISTERED OFFICE AT 32, BOMBAY SAMACHAR M MAHARASHTRA, INDIA	E INDL	AN COMPANIES A	.CT, 1956, HAVING I	
DATE OF REGISTRATION		05	5/01/2015	
TITLE			TILE	
PRIORITY NA				
DESIGN NUMBER			269065	
CLASS			02-01	~
1)UNICHARM CORPORATION AND EXISTING UNDER THE I 182, KINSEICHOSHIMOBUN	LAWS	OF JAPAN OF		HIIA
DATE OF REGISTRATION		23	3/01/2015	3)/
TITLE		DISPOS	ABLE DIAPER	~3 <sup>3</sup> //   /}
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	V/ ///
2014-016263		25/07/2014	JAPAN	
DESIGN NUMBER		269453		
CLASS		23-01		
1)TOTO LTD., A COMPANY UNDER THE LAWS OF JAPAN MERCHANTS, OF THE ADDRI 1-1, NAKASHIMA 2-CHOME FUKUOKA 802-8601, JAPAN	I, MAN ESS	UFACTURERS AN	ID	
DATE OF REGISTRATION		10/02/2015	5	

FAUCET

TITLE

DESIGN NUMBER	268012
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	268047	
CLASS	05-05	

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	

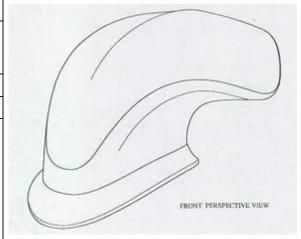


#### PRIORITY NA

DESIGN NUMBER 268241	
CLASS	24-02
1)NUELLE, INC.,	

2570 W. EL CAMINO, REAL, SUITE 310, MOUNTAIN VIEW, CA 94040 UNITED STATES OF AMERICA, NATIONALITY: U.S.A.

DATE OF REGISTRATION	16/12/2014	
TITLE	MASSAGE DEVICE	



DESIGN NUMBER	268374	
CLASS	01-01	

#### 1)ACCESS BUSINESS GROUP INTERNATIONAL LLC,

7575 FULTON STREET EAST, ADA, MICHIGAN 49355, U.S.A., A MICHIGAN LIMITED LIABILITY COMPANY, U.S.A.

DATE OF REGISTRATION	23/12/2014	
TITLE	DIETARY SUPPLEMENT	

#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/495,041	26/06/2014	U.S.A.

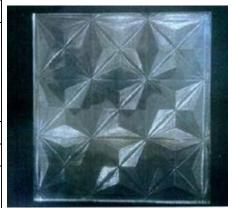


DESIGN NUMBER	268911	
CLASS	25-01	

1)GUJARAT BOROSIL LIMITED AN INDIAN COMPANY INCORPORATED UNDER THE PROVISIONS OF THE COMPANIES ACT, HAVING REGISTERED OFFICE AT HAVING OFFICE AT VILLAGE-GOVALI, TALUKA-JHAGADIA DIST-BHARUCH-393001 AND ALSO ADDRESS AT

1101, CRESCENZO, G-BLOCK, OPP. MCA CLUB, BANDRA-KUURLA COMPLEX, BANDRA (E), MUMBAI-400051, MAHARASHTRA, INDIA

DATE OF REGISTRATION	16/01/2015	
TITLE	GLASS SHEET	



#### PRIORITY NA

DESIGN NUMBER	269891		
CLASS	14-01		

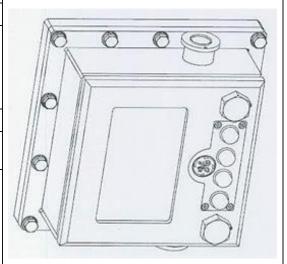
# 1)GENERAL ELECTRIC COMPANY AN ORGANIZATION REGISTERED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS OFFICE AT

1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA

DATE OF REGISTRATION	26/02/2015	
TITLE	DISPLAY UNIT FOR UNDERGROUND MINING	



PRIORITY NUMBER	DATE	COUNTRY
29/501,019	29/08/2014	U.S.A.



DESIGN NUMBER	269312
CLASS	13-03

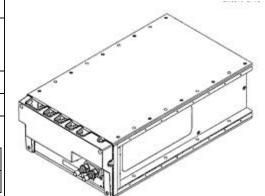
## 1)VACON OYJ, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FINLAND, OF THE ADDRESS

RUNSORINTIE 7, 65380 VAASA, FINLAND

DATE OF REGISTRATION	05/02/2015		
TITLE	FREQUENCY CONVERTER		

#### PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002607705-0001	31/12/2014	OHIM



DESIGN NUMBER	271096
CLASS	05-05

## $1) MR. \ SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,$

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	

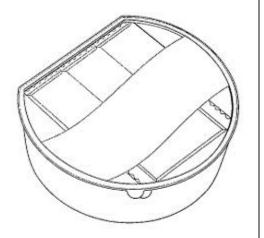


#### PRIORITY NA

DESIGN NUMBER 266947		
CLASS 09-03		
1)KRAFT FOODS R & D, INC., OF THREE PARKWAY NORTH, DEERFIELD, ILLINOIS 60015, U.S.A.		
DATE OF REGISTRATION	28/10/2014	

TITLE

PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
002455469-0001	29/04/2014	OHIM



**PACKAGING** 

DESIGN NUMBER	268009
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	268044
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	268187			
CLASS		12-08		
1)DAIMLER AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF MERCEDESSTRASSE 137, D-70327, STUTTGART, GERMANY				
DATE OF REGISTRATION	15/12/2014			
TITLE	BUS			
PRIORITY				
PRIORITY NUMBER	DATE		COUNTRY	
002484048-0001	17/06/2	2014	ОНІМ	



DESIGN NUMBER		269885	
CLASS	25-01		
1)SIAN PASCALE, AN INDIVIDUAL OF AUSTRALIAN NATIONALITY			
HAVING ADDRESS  14, NELSON STREET, SANDRING			
DATE OF REGISTRATION	26	5/02/2015	
TITLE		TILE	
PRIORITY NA			
DESIGN NUMBER	CSIGN NUMBER 269081		
CLASS	06-06		
1)RECLINERS INDIA PVT. LTD., (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) HAVING ITS OFFICE AT J-82, PARYAVARAN COMPLEX, NEB SARAI, NEW DELHI-110068, INDIA			
DATE OF REGISTRATION	2	8/01/2015	
TITLE	CONTROL PANEL FOR SEATING		
PRIORITY NA			
DESIGN NUMBER	262119		
CLASS	13-02		
1) <b>TAKANO CO., LTD.,</b> 137, MIYADA VILL, KAMIINA C	OUNTY, NAGANO 3	99-4301, JAPAN	
DATE OF REGISTRATION	29/04/2014		(0,54) /
TITLE	BRARING FOR ROTARY SHAFT		10 (10)
PRIORITY	•		
PRIORITY NUMBER	DATE	COUNTRY	10 EON
2014-000765	17/01/2014	JAPAN	

DESIGN NUMBER	271092
CLASS	05-05

## 1)MR. SIDDHARATH BINDRA (INDIAN INHABITANT) S/O LATE SHRI SATISH CHANDER BINDRA,

R/O BINDRA FARM, F-4 ANSAL VILLA, NEAR CSKM SCHOOL, SATBARI, NEW DELHI-110074

DATE OF REGISTRATION	06/04/2015	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

001407670

DESIGN NUMBER		265277
CLASS	15-99	
1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH, OF CARL-WERY - STR.34, 81739, MUNICH, GERMANY, A GERMAN COMPANY		,
DATE OF REGISTRATION	REGISTRATION 29/08/2014	
TITLE	CONTROL FOR I	HOUSEHOLD APPLIANCES
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

21/03/2014

**OHIM** 



DESIGN NUMBER	268033
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

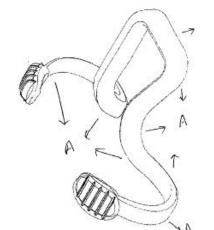
A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	268144	
CLASS 24-02		
1)ASAP BREATHEASSIST PTY LTD., AN AUSTRALIAN COMPANY OF SUITE 1, 1233 HIGH STREET, ARMADALE, VICTORIA, 3143, AUSTRALIA		
DATE OF REGISTRATION 12/12/2014		

NASAL DILATOR



#### **PRIORITY**

TITLE

PRIORITY NUMBER	DATE	COUNTRY
13060/2014	20/06/2014	AUSTRALIA

DESIGN NUMBER	270241
CLASS	21-01

## 1)PLAYTONE PRODUCTS, F-4, GALI NO. 33, MAHENDRA PARK, DELHI-110033, INDIA.

(AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS :- SH. MANJEET LAL. AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	10/03/2015
TITLE	TOY CAR



#### PRIORITY NA

DESIGN NUMBER	269445
CLASS	05-05

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	10/02/2015
TITLE	TEXTILE FABRIC



**DESIGN NUMBER** 268017 CLASS 05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

	DATE OF REGISTRATION	09/12/2014
7	TITLE	TEXTILE FABRIC



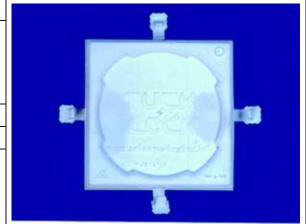
#### PRIORITY NA

DESIGN NUMBER	268263
CLASS	09-07

1)MR. SAMIR SANGHAVI (PROPRIETOR - AN INDIAN RESIDENT) TRADING AS M/S. PRIME PACKAGING (A PROPRIETARY CONCERN) WHOSE ADDRESS IS

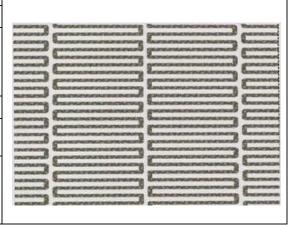
D/402, HEERAMANEK, NEW MANEKLAL ESTATE, L.B.S. MARG, GHATKOPAR (W), MUMBAI-400086, MAHARASHTRA, INDIA

DATE OF REGISTRATION	18/12/2014
TITLE	SEALING CAP



#### PRIORITY NA

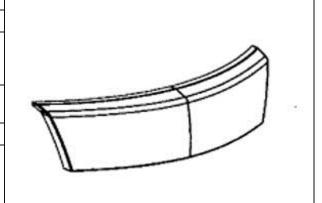
268935			
	05-06		
1)COLUMBIA SPORTSWEAR NORTH AMERICA, INC., AN OREGON CORPORATION OF THE ADDRESS 14375 NW SCIENCE PARK DRIVE, PORTLAND, OREGON 97229, UNITED STATES OF AMERICA			
	19/01/2015		
PAT		= '	ING
PRIORITY			
PRIORITY NUMBER		COUNTRY	
29/497,133		U.S.A.	
	F THI DRIV A	AR NORTH AMERICE F THE ADDRESS DRIVE, PORTLAND A 19/	05-06  AR NORTH AMERICA, INC., AN F THE ADDRESS DRIVE, PORTLAND, OREGON 97229, A  19/01/2015 PATTERNED HEAT REFLECTIVE LINE MATERIAL  DATE  COUNTRY



DESIGN NUMBER	269959
CLASS	12-16
1)TATA MOTODE 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	TAILGATE GARNISH OF A VEHICLE



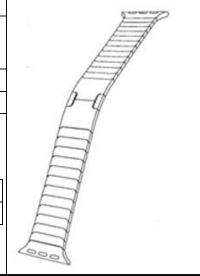
#### PRIORITY NA

DESIGN NUMBER	269466
CLASS	14-99

#### 1)APPLE INC.,

1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA

DATE OF REGISTRATION	10/02/2015
TITLE	BAND FOR ELECTRONIC DEVICE



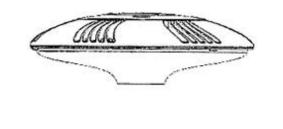
#### **PRIORITY**

002526764-0002

PRIORITY NUMBER	DATE	COUNTRY
29/498,997	11/08/2014	U.S.A.

DESIGN NUMBER		269414
CLASS	26-03	
1)SCHREDER S.A. OF RUE DE LUSAMBO, 67, B. 1190 BRUXELLES, BELGIUM, A BELGIUM COMPANY		
DATE OF REGISTRATION	09/02/2015	
TITLE	OUTDOOR LIGHTING FIXTURE	
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

28/08/2014



OHIM

DESIGN NUMBER	262422
CLASS	23-04

#### 1) RONY INDUSTRIAL CORPORATION,

205 SUDERSHAN PARK, NEAR NANDANPUR ROAD, MAQSUDAN JALANDHAR (PB.) INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	07/05/2014
TITLE	AIR COOLER



#### PRIORITY NA

	DESIGN NUMBER	268020
	CLASS	05-05
1)CIDDHI VINAVAK KNOTC & DDINTC DVT I TD A COMDANY DECISTEDI		

# 1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014
TITLE	TEXTILE FABRIC



#### PRIORITY NA

DESIGN NUMBER	269995	
CLASS	09-01	
1)M/S. PARAG PLASTIC, AN INDIAN COMPANY OF B-976, SHASTRI NAGAR, DELHI-110052, INDIA		
DATE OF REGISTRATION	02/03/2015	
TITLE	BOTTLE	



DESIGN NUMBER	268976
CLASS	21-04
1)MR. SHIRISH D LILADHAR (INDIAN) PARTNER OF M/S	
TARPAULIN HOUSE,	
IS PRESS ROAD, ERNAK	UKLAM (DIST)-682018, KERALA, INDIA

DATE OF REGISTRATION	20/01/2015

TITLE



#### PRIORITY NA

DESIGN NUMBER	269435
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	10/02/2015	
TITLE	TEXTILE FABRIC	



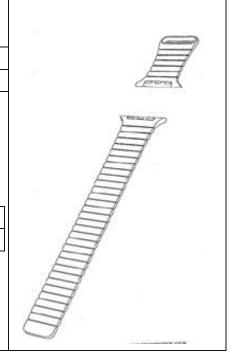
#### PRIORITY NA

DESIGN NUMBER	269469
CLASS	14-99

#### 1)APPLE INC.,

1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA

DATE OF REGISTRATION	10/02/2015	
TITLE	BAND FOR ELECTRONIC DEVICE (SET)	



#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
29/498,996	11/08/2014	U.S.A.

DESIGN NUMBER	222455	
CLASS	13-03	
1) CUIDCAL AUGEDALIA DEN LIMITED		

#### 1) CLIPSAL AUSTRALIA PTV. LIMITED

2 SOLENT CIRCUIT, NORWEST BUSINESS PARK, BAULKAM HILLS, SYDNEY, NSW 2153, AUSTRALIA

DATE OF REGISTRATION	17/04/2009	
TITLE	SWITCH	

#### **PRIORITY**

PRIORITY NUMBER	DATE	COUNTRY
0802592.4M003	24/10/2008	HONG KONG

DESIGN NUMBER	265741	
CLASS	14-03	

# 1)MICROSOFT MOBILE OY, A CORPORATION ORGANIZED UNDER THE LAWS OF FINLAND OF THE ADDRESS

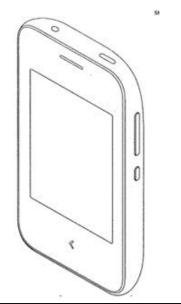
KEILARANTA 7, 02150 ESPOO, FINLAND

DATE OF REGISTRATION	18/09/2014	
TITLE	HANDSET	

#### **PRIORITY**

29/491,980

ı	I MOMI I		
	PRIORITY NUMBER	DATE	COUNTRY
	29/485475	19/03/2014	U.S.A.



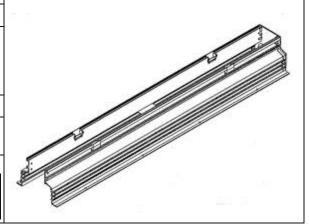
DESIGN NUMBER	267738	
CLASS	26-05	

## 1)LUMENPULSE LIGHTING INC., 1751 RUE RICHARDSON, SUITE 1505, MONTREAL, QC H3K 1G6, CANADA,

A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF CANADA

DATE OF REGISTRATION	26/11/2014		
TITLE	BLOCK-OUT STRUCTURE FOR A LIGHT FIXTURE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	

27/05/2014



U.S.A.

DESIGN NUMBER	268025
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM	

REGISTERED REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	09/12/2014	
TITLE	TEXTILE FABRIC	



#### PRIORITY NA

DESIGN NUMBER	269440	
CLASS	05-05	

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	10/02/2015	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	222460				
CLASS	27-01				
1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED GLOBE HOUSE, 1 WATER STREET, LONDON, WC2R 3LA, U.K.					
DATE OF REGISTRATION	17/04/2009				
TITLE	MULTIPLE THREAD FILTER				
PRIORITY					
PRIORITY NUMBER		DATE	COUNTRY		
DM/070 882		20/10/2008	WIPO		

